Page 1

### NATIONAL QUALITY FORUM

+ + + + +

BEHAVIORAL HEALTH PHASE 3 STANDING COMMITTEE MEETING

+ + + + +

THURSDAY
OCTOBER 2, 2014

+ + + + +

The Steering Committee met at the National Quality Forum, 9th Floor Conference Room, 1030 15th Street, N.W., Washington, D.C., at 8:30 a.m., Peter Briss and Harold Pincus, Co-Chairs, presiding.

#### PRESENT:

- PETER BRISS, MD, MPH, Medical Director, CDC, National Center for Chronic Disease Prevention and Health Promotion
- HAROLD PINCUS, MD, Director of Quality and Outcomes Research, New York-Presbyterian Hospital, The University Hospital of Columbia and Cornell Universities
- ROBERT ATKINS, M.D., MPH, Senior Medical Director, Aetna Medicaid
- MADY CHALK, PhD, MSW, Director, Policy Center, Treatment Research Institute
- DAVID EINZIG, MD, Medical Director of Child Psychiatry, Children's Hospital and Clinics Of Minnesota
- JULIE GOLDSTEIN GRUMET, PhD, Director of
  Prevention and Practice, Education
  Development Center/Suicide Prevention
  Resource Center/National Action
  Alliance for Suicide Prevention

Page 2

- CONSTANCE HORGAN, Sc.D., Professor and
  Director, Institute for Behavioral
  Health, The Heller School for Social
  Policy and Management, Brandeis
  University
- LISA JENSEN, DNP, APRN, Associate Director
  Workforce & Leadership, Office of
  Nursing Services, Veteran's Health
  Administration
- DOLORES (DODI) KELLEHER, MS, DMH, Principal,
  D Kelleher Consulting
- KRAIG KNUDSEN, PhD, Chief, Bureau of Research and Evaluation, Ohio Department of Mental Health and Addiction Services
- MICHAEL LARDIERI, LCSW, Assistant Vice President, Strategic Program Development, North Shore-LIJ Department of Psychiatry
- TAMI MARK, PhD, MBA, Vice President, Truven Health Analytics
- RAQUEL MAZON JEFFERS, MPH, MIA, Director of Health Integration, The Nicholson Foundation
- BERNADETTE MELNYK, PhD, RN, CPNP/PMHNP,
  FAANP, FNAP, FAAN, Associate Vice
  President for Health Promotion,
  University Chief Wellness Officer,
  Dean and Professor, College of
  Nursing, Professor of Pediatrics &
  Psychiatry, College of Medicine, The
  Ohio State University
- LAURENCE MILLER, MD, Senior Psychiatrist, Arkansas Medicaid, Arkansas Medicaid
- DAVID PATING, MD, Chief, Addiction Medicine, Kaiser Permanente
- VANITA PINDOLIA, Pharm.D., VP, Ambulatory
  Clinical Pharmacy Programs, Henry Ford
  Health System/Health Alliance Plan
- RHONDA ROBINSON BEALE, Medical Physician,
  Former Chief Medical Office at Optum
  Now Health Care Consultant, Health
  Care Consultant

- HENA SIDDIQI, M.D., Medical Director,
  Broadlawn Manor Nursing and
  Rehabilitation
- LISA SHEA, M.D., D.F.A.P.A., Deputy Medical Director, Quality and Regulation,
  Butler Hospital (Providence, RI)
- JEFFERY SUSMAN, M.D., Dean, Northeast Ohio Medical University, Northeast Ohio Medical University
- MICHAEL TRANGLE, MD, Associate Medical Director for Behavioral Health, HealthPartners
- BONNIE ZIMA, MD, MPH, Professor in
  Residence, Child and Adolescent
  Psychiatry, UCLA Semel Institute for
  Neuroscience and Human Behavior
- LESLIE ZUN, MD, MBA, Chair, Department of Emergency Medicine, Mount Sinai Hospital

# NQF STAFF:

POONAM BAL, Project Analyst HELEN BURSTIN, Chief Scientific Officer LAURALEI DORIAN, Project Manager ANGELA FRANKLIN, Senior Director

## ALSO PRESENT:

STEVE DAVIS, M3 Information
KENDRA HANLEY, AMA PCPI
SARAH HUDSON SCHOLLE, NCQA
JUNQING LIU, NCQA
COLETTE PITZEN, Minnesota Community
Measurement\*

D.E.B. POTTER, AHRQ

SARAH SAMPSEL, MPH, Azul Quality Solutions, Consultant to NQF

COREY WALLER, Spectrum Health

\* present by teleconference

# AGENDA

Welcome, Recap of Day 1	5
Tobacco, Alcohol and Substance Use	7
NQF Member and Public Comment	233
Depression/Major Depressive Disorder and Screening Assessment	236
Additional Discussion Topics	331
NQF Member and Public Comment	361
Next Steps	361

1	P-R-O-C-E-E-D-I-N-G-S
2	8:31 a.m.
3	Welcome, Recap of Day 1
4	CHAIR BRISS: So good morning and
5	welcome.
6	MS. DORIAN: Good morning
7	everyone, and welcome back to Day 2. It's a
8	good sign that you're back, and we're excited
9	to get started to review some exciting
10	measures again today. Just before we get
11	started on these measures, we wanted to remind
12	you what happened yesterday. So Poonam will
13	bring the slide up.
14	Okay. So the slide isn't working
15	at the moment, but I can just remind everyone
16	from my notes. So we reviewed the first
17	measure we reviewed was the ADHD 1 from NCQA
18	which passed.
19	The second one, which was the only
20	one that didn't, was not recommended, was the
21	pediatric symptom checklist and psychosocial
22	functioning from Mass General, which went down

1	on reliability.
2	CHAIR BRISS: Although we made
3	some recommendations about it being important,
4	and some ways that it could be adjusted over
5	time.
6	MS. DORIAN: Exactly, yes, and
7	then here's the slide. And then so the Health
8	Screening and Assessment, the NCQA measures
9	were all recommended, but with the note the
LO	2601, we had consensus not reached on
L1	validity.
L2	So when that when the report
L3	goes out for public comment, we'll really
L4	solicit comments on that measure in
	solicit comments on that measure in particular, and then when this committee
L4 L5	
L4 L5 L6	particular, and then when this committee
L4	particular, and then when this committee reconvenes for the post-comment call at the
L4 L5 L6 L7	particular, and then when this committee reconvenes for the post-comment call at the end of October, the end of November I think,
L4 L5 L6 L7	particular, and then when this committee reconvenes for the post-comment call at the end of October, the end of November I think, we can discuss those comments that have been
L4 L5 L6 L7 L8	particular, and then when this committee reconvenes for the post-comment call at the end of October, the end of November I think, we can discuss those comments that have been received.

1	essentially being a step in the right
2	direction, and I think there was a fair amount
3	of consensus on the committee that we'd like
4	to see more steps in the right direction,
5	towards composites or stratifications.
6	MS. DORIAN: So were there any
7	sort of overarching comments or questions
8	about yesterday?
9	Tobacco, Alcohol and Substance Use
10	MS. DORIAN: Okay. I think we can
11	jump right into our first measure then.
12	CHAIR BRISS: And just for
13	planning purposes, so two things. We know
14	already that we're going to start losing
14 15	already that we're going to start losing people this afternoon as they're running for
15	people this afternoon as they're running for
15 16	people this afternoon as they're running for planes, so it will be important to try to stay
15 16 17	people this afternoon as they're running for planes, so it will be important to try to stay on time again today.
15 16 17 18	people this afternoon as they're running for planes, so it will be important to try to stay on time again today.  I appreciated everybody's hard
15 16 17 18	people this afternoon as they're running for planes, so it will be important to try to stay on time again today.  I appreciated everybody's hard work on being efficient yesterday, and we'll

1	morning schedule.
2	So we'll start as proposed with
3	2597. We'll then move to the alcohol and
4	tobacco measures, 2599 and 2600, after which
5	we'll circle back and pick up 2605.
6	CHAIR PINCUS: So we're starting
7	with the Substance Use Screening and
8	Intervention Composite from the American
9	Society of Addiction Medicine, and the measure
LO	developer is here.
L1	MR. WALLER: Yes, the measure
L2	developer is here.
L3	CHAIR PINCUS: Okay. So do you
L <b>4</b>	want to sort of tee this up? And this is a
L5	little bit different, and you want to talk
L6	about that Angela?
L7	MS. FRANKLIN: This is a measure
L8	that's coming into our alternate pathway.
L9	We're looking at this eMeasure as a trial
20	measure, meaning that our recommendations
21	today will relate to whether the measure is to
22	be used for testing, further testing, to

1 gather the data needed to determine the 2 measure's reliability and validity. So it won't be used for use in 3 4 accountability applications. It will be for 5 use for testing purposes, and you will have at 6 your table a quick guide on how to evaluate 7 this measure as a trial eMeasure. Just to 8 give you a quick refresher, we'll be looking at this measure against the NOF criterion. 9 10 However, when it comes to 11 scientific acceptability, we'll only be 12 looking at the first criterion for 13 reliability, looking to see whether the 14 measure specifications are precise, and then 15 we come to the validity criterion. 16 We'll only be looking at the first criterion again, which is the criterion as to 17 18 whether the measure specifications are 19 supported by the evidence presented for the 20 measure.

we're looking at this measure today as a

Are there any questions about how

21

committee?

2.2

DR. BURSTIN: Just one piece of context for this. This sort of comes out of the blue for you, so just a moment on this. So the idea is that we very much want to push on the idea of moving to really good new eMeasures.

Lots of new concepts. You know we can't keep getting out of claims, we can't keep cracking open medical records every time to do them.

at the point right now a lot of the EHRs just aren't ready to test some of these new systems, and we found a lot of the developers are having a really hard time finding EHRs, three EHRs with which to test some of these measures, because they are new and important concepts.

So this has been our thinking, of at least allowing some of these measures to flow out there, get used, get tested and then

1	they'll just come back to us to bring actually
2	to you guys likely, just to bring their
3	testing results for reliability and validity.
4	It is at least sort of a stepwise
5	progression, and at least pushing forward and
6	allowing some of the more innovative concepts
7	to move forward.
8	CHAIR BRISS: Carol, do you have a
9	question?
10	CHAIR PINCUS: Oh yes, Tami.
11	MEMBER MARK: Yeah. Can you
12	explain some reasons why we wouldn't want to
13	go forward with testing, and then sort of
14	thinking like it seems I'm not quite
15	understanding the bar for voting against
16	additional testing? It just seems like it
17	would
18	DR. BURSTIN: We're not asking you
19	to vote against additional testing. We are
20	expecting these measures to be tested.
21	They're just coming to you today not yet
22	tested. So they will not be endorsed. That's

1 another important distinction here. 2 What comes out of this designation by you is they are approved for trial use, 3 4 trial use measures. Not endorsed, not 5 endorsed until the testing results come back. 6 MEMBER MARK: So I guess why would 7 we not approve something for trial use? 8 DR. BURSTIN: Because they may not pass the other criteria. 9 It may not be -- it 10 may not have any evidence in place. 11 scientific acceptability, though, they're not yet tested for reliability and validity. 12 13 may not think those specifications are precise 14 There are other elements within enough. 15 scientific acceptability. You would still want to look at 16 17 feasibility. Very important for an eMeasure, 18 and they're all required to have eMeasure 19 feasibility testing, and then usability. 20 those other criteria are still in play, even 21 if they have not yet had an opportunity to 2.2 find three EHRs that could actually test it.

CHAIR BRISS: I would say there
are also yes, this is hypothetical. But
imagine a measure that was measuring something
that you didn't think was important to
measure, that was badly designed. You might
ask them you might ask a developer to go
back and redesign the measure before going to
the time and expense of testing reliability
and validity.

DR. BURSTIN: Right.

CHAIR PINCUS: Just one additional clarification. With regard to doing any kind of testing, are they expected to have done that, for example, with regard to feasibility, to have tested the feasibility? So it's really just the validity and the reliability testing.

DR. BURSTIN: Exactly, and NQF did some work with -- for ONC just about a year ago. The Office of National Coordinator came up with a specific testing approach for feasibility. So to at least ensure that these

1	measures are feasible as a starting point,
2	before they start getting put into use.
3	Another question?
4	MEMBER MAZON JEFFERS: I'm sorry.
5	Could you just then reiterate which criteria
6	we are expected to evaluate today for this
7	particular measure, just so I'm clear?
8	DR. BURSTIN: Well, you will
9	evaluate all four criteria. So none of them
10	get pulled off the table, except within the
11	scientific acceptability criteria. You will
12	not vote on reliability and validity. We will
13	only ask you to look at the remaining
14	elements, which is really about precision of
15	the specifications. Is that okay? Does that
16	work?
17	CHAIR PINCUS: We do apply
18	actually 2a1 and 2b1 for reliability and
19	validity. It's the other reliability
20	DR. BURSTIN: Just not the
21	testing.
22	CHAIR PINCUS: Yes. Just not the

1 testing part of it. Okay. Any other 2 questions? Rhonda and then Leslie. 3 MEMBER ROBINSON BEALE: Just a 4 quick question. Given that this is an area 5 that's using electronic health records, and 6 even though there is a good penetration of 7 electronic health records in the behavioral 8 health space, it's still not as substantial as it is on the medical side. 9 10 Will I know, maybe -- it just has 11 to be said. So I raised a question as to 12 whether or not one will look at, as part of 13 the feasibility, the penetration of electronic 14 medical records in that particular area. 15 DR. BURSTIN: You know, it's a 16 fair question, and I think some of the idea 17 here is that we're just pushing them out, so 18 they can be used for those who have them, and 19 begin testing them. So I think we'll learn more over time, but not everybody has them. 20 21 But for those who can in fact pick 2.2 up a trial use measure, test it, continue to

1	support their ongoing use and implementation,
2	it is not an expectation that everybody now
3	could take this measure and run with it.
4	MEMBER ZUN: So are there any
5	vendors of electronic medical records that
6	could use this and give data? Because all I
7	heard was that they're not ready yet. So are
8	we doing the horse before the cart or the cart
9	before the horse?
LO	MR. WALLER: The horse is
L1	definitely in front of the cart at this point,
L2	and so just so Epic, one of the largest
L3	providers of electronic medical records, we've
L4	already implemented this in our hospital
L5	system and we're beta testing it now, and it
L6	works pretty clearly.
L7	What we've done, I mean I can
L8	you want me just to we can wait. So I can
L9	explain that, how that's done and it's
20	actually working pretty well.
21	DR. BURSTIN: Just to provide a
22	response to Leslie, because that's a really

1	good question. I think what we learned is
2	it's also a bit of a chicken-and-egg
3	phenomena. So the vendors need to
4	increasingly know whether the most important
5	data elements they should program into their
6	EHR, since some of that comes from knowing
7	what the most important concepts are.
8	So some of this is also the push-
9	pull here, quite intentionally making sure
10	there are in fact vendors who will add these
11	data elements to EHRs because that's what we
12	want
13	CHAIR PINCUS: That's very
14	helpful, because I think one of the questions
15	I had also was well why does NQF need to do
16	this, then, and as you explained, it really
17	has to do with helping, really, vendors and
18	measure developers to focus, and not really
19	focus on things that were not really worthy of
20	putting effort into. Les?
21	MEMBER ZUN: As a follow-up to
22	that first comment, so I presume the vendors

1 have a professional organization. Has it been vetted to them and is that --- I didn't --- is 2 that somewhere in our documents? 3 4 DR. BURSTIN: We've extensively 5 worked with the vendors on this approach going 6 forward, and they're very interested in fact 7 in this approach, because it allows it to be more iterative. 8 9 I mean we recognize, you know, you 10 want to just throw everything in there, or do 11 you really want to make sure you're putting in 12 what's most important? Even when we did our 13 eMeasure feasibility project, for example, 14 last year we had Epic at the table. We had a 15 couple of other vendors as well, specifically 16 to make sure we're going down a path that 17 logically makes sense for all sides. 18 CHAIR PINCUS: Jeff. 19 MEMBER SUSMAN: I'm only going to 20 say if you think about our dsiscussion of the 21 suicidal risk yesterday, I think it's a really

good argument for going down this pathway, of

1	really teasing out a specification related to
2	e-measurement. So is it just the checkbacks?
3	Is it checking down certain behaviors?
4	How is that reported as we get
5	more sophisticated, can actual language
6	processing, being able to extract data from
7	the written note and so forth, all of which I
8	think would be helpful to have before it comes
9	to this group for more formal evaluation?
LO	CHAIR PINCUS: And that's an
L1	important point, that it would come back here,
L2	and because of the timing that's expected, is
L3	it a routine expectation?
L4	FEMALE PARTICIPANT: Three years.
L5	DR. BURSTIN: We gave the
L6	developers up to three years to return. We
L7	hope they could do it sooner but, you know, in
L8	some spaces truly, for example, some
L9	functional status measures that people are
20	trying to test right now, it's going to be a
21	heavy life to find an EHR to do it.
22	CHAIR PINCUS: Okay, good. So why

1 don't we get started? Okay. Oh Mady. 2 MEMBER CHALK: I'm hoping that this approach will be taken with lots of other 3 4 measures. I really -- I think it's very 5 useful. I think it does push the fields, 6 whatever fields we're in, to pay attention to 7 what's coming down the line, and to work with So I really appreciate this. 8 us. 9 CHAIR PINCUS: Let me ask one 10 other further clarification, Helen. Measures 11 that are not currently specified as eMeasures, 12 but are already endorsed, do they have to come 13 back? Do they have to come back to be re-14 endorsed once they're an eMeasure, to go 15 through this process? 16 DR. BURSTIN: Yes. Essentially 17 the answer is yes. As they come back up for 18 maintenance, we will look at their eMeasure 19 In the early days of this specifications. 20 conversion, there was a lot of PCPI and NCQA,

I know this well, this idea of just retooling,

taking exactly what the measure was, in

21

1	whatever form it was, and just converting to
2	whatever point, you know, to whatever data
3	made sense in an EHR.
4	I think what we've learned over
5	time is that's kind of really pounding a
6	square peg in a round hole big time, because
7	in fact to develop an eMeasure, you want to
8	take advantage of the eMeasure, and what's the
9	best, or even of what an EHR and other
10	electronic data systems can bring to the
11	table, and starting with the idea of this is
12	what we did in claims and just kind of making
13	it what you do in an EHR doesn't make sense.
14	So we're hoping we've gotten the,
15	you know, the developers are no longer
16	constrained by saying and it matches what the
17	claims based one says. It's really what makes
18	the most sense in the EHR context.
19	CHAIR PINCUS: So they would be
20	actually endorsed as two separate measures in
21	principle?
22	DR. BURSTIN: We're working

1	through those issues.
2	CHAIR PINCUS: Okay. So why don't
3	we get started? Oh
4	MEMBER ROBINSON BEALE: Just one
5	point of clarification. Then is there an
6	entity that will take a look at the core data
7	elements, so that there's some standardization
8	around the data elements that go into the
9	electronic health records? Is that the role
LO	of the electronic health record trade
L1	organization? Is that a role for NQF?
L2	DR. BURSTIN: Good question. So
L3	there's actually a fair amount of work being
L <b>4</b>	done right now to think that through. There's
L5	actually something called, through the
L6	National Library of Medicine called the Value
L7	Set Authority Center, and the value sets are
L8	essentially the way to I know, with that
L9	look from Andy, it's a funky description.
20	But essentially value sets are the
21	way to bring together all the codes for
22	something to describe something. So this is

addiction. This is what a visit looks like, things like that. So the measures are -- we're trying to increasingly make sure that those value sets get into the NLM, and there's actually a process for collectively thinking about that.

What does it look like to harmonize those, to make sure they make sense across measures?

MS. HANLEY: Yes, so there's a lot of work ongoing in the standards field nationally, to look at how to ensure that we're representing the data elements in a consistent manner. So we use a data model called the Quality Data Model to categorize our data elements that we're looking for to use in the measure.

As Helen mentioned, we're building the value sets in this national repository, and there's great emphasis to not reinvent new value sets every time you need something for a new measure. So all the measure developers

1	are working together, you know, using this
2	National Library of Medicine-hosted tool as
3	the space to facilitate some of that work, to
4	really see okay, you know, AMA, we've
5	developed some value sets that NCQA might be
6	able to use in their measure, vice-versa.
7	So we're looking at, you know,
8	what was the purpose? Why was that value set
9	developed? What's the purpose? Does it meet
10	our needs, or do we actually need something a
11	little bit different here, and in that case we
12	then do develop a different value set.
13	So the measure development
14	community is definitely looking at that.
15	MEMBER ROBINSON BEALE: So I
16	assume that that would include the use of
17	things like the tests that we were looking at
18	yesterday, suicide assessments and standardize
19	that type of use of tools, validated tools?
20	MS. HANLEY: Yes. I think to a
21	certain extent, a lot of that is still going
22	to rely on the evidence base to include those

1	types of tools and measures. But to the
2	extent that we are using those tools in
3	measures, we are representing them in a
4	consistent way.
5	DR. BURSTIN: I think there's
6	still more work to do specifically on the tool
7	side though, to your point there Rhonda, that
8	I think is not going to be captured by the
9	Value Set Authority Center. I think that's
LO	where you're inputting around
L1	harmonization and best in class
L2	CHAIR BRISS: And that the value
L3	sets are more about or seem to me to be
L4	more about general concepts that get used in
L5	lots of measures.
L6	So it's the kinds of problems that
L7	they're trying to solve with that are some
L8	of us just looked at sets of diabetes
L9	measures, and there were like to decide who
20	had diabetes.
21	People were doing this in like 17
22	different ways, and that's the problem, more

1 the problem that they're trying to solve, than 2 how you define a specification intervention, as in the suicide case. 3 4 CHAIR PINCUS: Les. 5 MEMBER ZUN: So I agree this is 6 the right thing to do, but I'm not sure this 7 is the right way to go about it, and I'll 8 explain that, because I've actually been trying to do this with our vendor. 9 10 instance, if a patient says they smoke or they 11 do drugs, they get a referral to substance 12 abuse treatment. 13 But the vendor keeps telling me 14 they can't do an audit for me. So you know, 15 I can't audit it electronically. I have to 16 manually go through and audit it. So there 17 must -- I know it's crazy, but that's, you 18 know, like order sets. Are the order sets 19 being used, well I have to manually go through 20 every single patient to see if an order set 21 was used for a certain condition.

So what concerns me is rather than

22

1 going, working with one vendor or another 2 vendor, there must be an organization, another way to do this through some, whoever sets the 3 4 standards for electronic medical records or, 5 you know. 6 Is this the right forum to push 7 the agenda, to get these folks in the same 8 place, so they can help us do the quality 9 measures we want to do. I'm not sure that 10 setting up an eMeasure does that. 11 CHAIR PINCUS: Mike may have some 12 comment on this. 13 MEMBER LARDIERI: Yes thanks, and 14 you know, with that, it's really of a vendor 15 problem. Any vendor can do this. If you're 16 looking for them to do it, pick it from your 17 note, no vendor's doing that right now. You 18 need natural language processing to do that. 19 But if you have a structured data 20 field that the patient says they smoke, that

I don't know who your vendor is or how they're

is easily computable to make a referral.

21

trying to do this, but that's easy. Any
vendor can do that. You have to pay them
whatever you have to pay for that little
piece, but you have to pay everybody anyway.

So even going through this
process, you're still going to have to pay the

process, you're still going to have to pay the vendor to do it, unless -- until it becomes a national thing that they actually put in place that everybody is doing. You're paying your vendor to do it, right, and they want to do it for you.

So it's not a -- it's really just a vendor reluctance issue versus lack of capability.

DR. BURSTIN: I'll quickly respond to Leslie's issue. So we have been doing this collaboratively with the Office of National Coordinator and very supportive of these efforts. I actually just finished my tenure for the last two years as chair of the Quality Measures Workgroup for the Health Policy Committee.

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

1	So this is something very much
2	done with the vendor committee, with the
3	leadership at ONC. I think it's an important
4	those are all really important issues, and
5	I guess the question is can quality
6	measurement be kind of a way to help push some
7	of that, and if you can play a role there, I
8	think that's our hope.
9	But really good thoughts about
10	keeping it all connected.
11	CHAIR PINCUS: And I think, you
12	know, I mean really the lead for a lot of this
13	stuff is with ONC. Like they are developing,
14	for example, standards for behavioral health
15	EHRs that are not mandatory, but that are sort
16	of recommended and sort of to try to main that
17	standard setting. Like one last comment on
18	this general issue.
19	MEMBER LARDIERI: Yeah, and then
20	the best place to go to deal with the vendors
21	is through the HINS EHR Vendor Group. It's a
22	specific group that represents almost all of

1	the vendors in the country. So that's the
2	best place to be.
3	CHAIR PINCUS: Okay. So let's now
4	talk about the measure under review.
5	MR. WALLER: All right. So we've
6	talked around it a lot, so let's get down to
7	it. So I'm Corey Waller. I'm a physician.
8	I still see quite a few patients, including a
9	couple on my cell phone last night.
LO	So let's run through what the
L1	basis of this is. So this is a composite
L2	measure. It has three focus areas. You could
L3	call it four, but it's three main focus areas
L <b>4</b>	and four fields that would need to be
L5	identified.
L6	This looks at screening and brief
L7	intervention. It really is a measure
L8	dedicated to those two things happening in
L9	concert, and it's looking at tobacco use,
20	alcohol use, illicit drug use and prescription
21	drug abuse. In order for us to evaluate
22	whether or not those are happening, we have to

ask those questions, and those questions are not being asked consistently within a primary care space.

So this measure very specifically was developed so that all of those would need to be asked, and then a brief intervention would need to be done, in order for it to be completed as a task.

Ultimately, there's a large amount of research that backs up the utilization of this for tobacco use and the prescribing of medication for tobacco use disorder, as well as a growing amount of literature for the alcohol space, that shows a significant reduction in at risk drinkers, decreasing the amount that they drink.

bit of a mixed bag of information concerning the illicit drug utilization, but that seems to depend a couple of main issues, and one of those is how severely ill are the people that you're asking the question to.

We find that many that find no
benefit from the brief intervention aspect are
seeing patients who are sicker or homeless.

I was talking with one of my colleagues this
morning, and said instead of brief
intervention and referral to treatment, it
should be screening, brief intervention,
referral to housing.

But at the same time, we do have really good significant data at large scale implementation pathways. The New Mexico study showed a half a million people that they were able to screen and do a brief intervention on, and then also refer to treatment showed a significant improvement.

so they did that in an area which is mostly rural, which is not fully implemented on EMRs, and they were able to show good efficacy and implementation and good outcomes. So what this really focuses on is using a known, standardized screening tool, that would allow for people to choose

1 whichever tool that is.

2.2

So we're not specifying which tobacco screening tool or which alcohol screening tool or which illicit drug screening tool, just one of the validated tools are completed, and then once that is completed, that a brief intervention is done if they are positive on any of those tools.

Once that is done, then that would complete the measure. An example would be if a patient smokes tobacco and has more than, you know, 15 drinks in a week, then they would receive a yes for those two. It would be negative for the illicit drug screen and then they would do a brief intervention that covers both of those topics.

The way that that's captured within an EMR is the screen sits within the EMR, and when that's finished, it shows up as completed, and then the brief intervention is a code. I mean ultimately it's charged out as a code. It was completed and that's how it's

tracked, because those two things are matched.

The way that we've set it up on our EMR for trial, just to answer to Rhonda's question, is very specifically, you can't check the brief intervention unless you've done the screen. So you can't even charge for the brief intervention on that visit unless you've completed the screen to do that.

And for this one, the composite measure, there would be whichever screen it is, screens for all of them. So you would have to finish the entire screen for tobacco, alcohol, illicit drugs and prescription drugs, prior to even being able to code for the brief intervention. Then what that does is it keeps it from being a push-button or a check-box measure.

So that's the approach that was taken by the group that put this together.

This was started and pushed by NIDA, as well as SAMHSA. It was brought up on HHS as one of the high, you know, areas of need, as far as

1 being able to evaluate this.

2.2

But ultimately, implementation has been successful in a number of different areas for specifically, the large scale application of this pathway, and what we would be doing is just specifying that all of it needed to be completed so that it wouldn't be chosen, if you only feel comfortable talking about tobacco or only feel comfortable talking about alcohol, that we would miss one of the bigger issues.

MS. HANLEY: I would just like to add that the alcohol and tobacco components of this composite are existing NQF-endorsed measures already in use.

CHAIR PINCUS: So Peter, you're the lead reviewer.

CHAIR BRISS: So as you've heard briefly, this is -- all four of the proposed components of this composite are unarguable big sort of public health burden issues. As you've heard, there's a performance gap in the

sense that all of the issues are underascertained. Even the ones that are currently
better supported, tobacco and alcohol, are
still under-ascertained.

The evidence to support the measure focus. This is actually a good measure that tests the approval of testing, for the evidence to support the measure focus does have some challenges, I would say.

well-studied. It's clear that screening and brief intervention improves outcomes. They're both recommended by the Preventive Services

Task Force. The other drug measures, whether you consider them one or two, are mostly untested. They're mostly unrecommended by the task force and others.

The weight of the evidence, as nearly as I can tell, is that screening and brief intervention actually hasn't worked.

It's not just on the study. It actually hasn't worked, including two recent good

1 studies in JAMA.

And so the -- so there are legitimate questions, I would say, about whether this would have a net positive or net negative public health impact. You could make an argument from where we are today that this would move forward.

All four issues, you could make an argument from where we are today that the additional burden and confusion introduced by adding other drugs could actually have a net negative effect on tobacco and alcohol screening.

The other thing that I would say, that testing the measure doesn't actually -- it might help you assess what the net effect is on performance of screening, but it won't help you assess what the main question is, which is can you find a screening and brief intervention that actually works for other drugs, right?

So testing the measure won't

1 actually answer what seems to me to be the 2 core question, and I guess I'll stop there. 3 CHAIR PINCUS: David. 4 MEMBER PATING: No. I just want 5 to add that I do think this is the perfect 6 kind of subject to do a trial measure on, 7 because I think we really just need to answer 8 the question, and the question is can we do screening and brief intervention for the drug 9 10 component, and does it make sense to do it in 11 the context? 12 Because we know that there's just 13 a lot of overlap and comorbidity between 14 alcohol and drugs, and so I think you're 15 really testing that component. 16 Regarding the JAMA article that 17 just came out, that was a 40 percent homeless 18 population. So I really don't know if that 19 should weigh negatively in terms of the 20 ability to intervene in screening for drugs, 21 as well as having interventions. It's very, 2.2 very -- was it an insured population? I'm not

1 even sure they're a public sector population 2 or a Medicaid population. So that again, with regards to 3 4 this, I think these are the open questions 5 that make this, you know, ripe for making this 6 a trial measure. 7 CHAIR PINCUS: So other comments on this issue with regard to evidence around 8 the measure focus and importance? 9 10 MR. WALLER: I just wondered if it 11 would be okay if I spoke to the specific 12 articles. So I called Rich Sates, so that we could figure out. I needed to understand this 13 14 as well, because I came at this measure late. 15 I wasn't the developer. I'm helping shepherd this through from a clinical perspective, and 16 17 so I needed to know this. 18 So a couple of things about the 19 information that's come out, is the sites that 20 were utilized in that have already done three 21 other trials with SBIRT. So their control

group is going to probably deliver SBIRT at a

higher rate than most people who are doing it as the experimental, meaning that their control group is already getting the intervention on a regular basis, and it just wasn't a track. So that was an interesting thing, is that -- so they were sicker, but at the same time, the control group was a little better.

So I just -- this has been an interesting thing to track, and there's good data on large-scale studies and on the smaller-scale studies. They seem to not have the efficacy. I think there's a good question to answer, whether brief intervention is a good use of time for this, and that's where I think that this measure gets to the crux of it.

CO-CHAIR PINCUS: So one thing actually, just before we get to people's comments, just to clarify, and it may be useful as, you know, in thinking about this process. What exactly will be tested? What

are the sort of key elements of the testing,
and how will -- because in a sense, we're
approving this for testing, and it seems to me
that we ought to understand what it's being
tested for, and in a sense, what hypotheses
are being projected within the testing
process, and under what circumstances would
you then sort of come to a conclusion that you
need to modify this?

MR. WALLER: So I'll speak first, and then they're going to have some extra comments on this. But the screening piece is not the piece being directly tested. We know that screening and referral, the treatment for illicit drugs has a significantly positive impact.

What's being tested with this is, one, can this be implemented in large scale and consistently evaluated through an eMeasure. So there's that component of it as truly can we see this happening and watch the outcomes from that, and the outcomes would be

1 are we finding a decrease in utilization on 2 retesting for these patients. CO-CHAIR PINCUS: 3 So that's going 4 to be part of the testing? 5 MR. WALLER: Well, that's going to 6 be the determination. So there's the testing 7 piece that tells us whether or not the measure is implementable and usable and consistently 8 9 valid within the system, and then the second 10 piece is to determine whether or not it has 11 efficacy. 12 That efficacy is whether or not the brief intervention makes a difference for 13 14 a decrease in the prescribing for nicotine, as 15 I stated earlier, which I don't think will 16 I think we have some good evidence to happen. 17 show that that's not happening. 18 But the other thing will be does 19 it decrease the utilization of the substance 20 that was screened for and then intervened upon 21 by a brief counseling session, and determining

whether or not that had a significant impact

1	on the utilization.
2	Or do you just not brief intervene
3	once you've screened? We have to answer that
4	question. Do we add another thing to a
5	primary care doctor's docket if it's not
6	working, and if it's not working, we need to
7	have that understanding that those patients
8	should be referred for treatment after a brief
9	discussion. So the brief discussion and
10	intervention
11	CO-CHAIR PINCUS: So wait a
12	second. So you are in fact going to be
13	testing the efficacy? That's the plan?
14	MR. WALLER: Yes. Yes, sir.
15	CO-CHAIR PINCUS: Okay. So why
16	don't we get started? Why don't we sort of
17	work our way up here and then go around there?
18	Okay. So let me see. Who's at the end there?
19	MEMBER MAZON JEFFERS: So I'm
20	really glad that you said that this measure is
21	about testing the brief intervention

component, because actually one of the things

22

I found interesting about it is that the specifications of what a brief intervention is, it's incredibly vague, right. So it's a doctor having a chat for five minutes, and there are evidence-based brief intervention strategies that we know to be effective.

I also think, I'm having trouble re-finding the measure specifications. But for tobacco, I think you can either have a counseling session or do pharmacotherapy, and we know that the intervention that is most effective, based on the evidence, is the combination of the pharmacotherapy with the counseling session.

So I'm just wondering if the point of testing the measure is to better understand the impact of the brief intervention. I'm wondering why the specifications around the brief intervention aren't more explicit and don't require more adherence to what we know to be the evidence for that piece to be effective?

1	CO-CHAIR PINCUS: I'm wondering
2	whether given the number of comments, that we
3	should go through the comments first and then
4	have you respond. So next, Tami.
5	MEMBER MARK: Just a point of
6	clarification. So it seems like the validity
7	issue, it's most of concerning to the illicit
8	drug abuse screening brief interventions. So
9	are these it's a composite measure, but
10	each of those separate types of screening and
11	intervention are going to be tested
12	separately?
13	CO-CHAIR PINCUS: Now let's keep
14	track of these, okay.
15	MEMBER SUSMAN: So two questions,
16	one very nitty-gritty and one much more
17	conceptual. The nitty-gritty one is I was
18	trying to understand the specification for
19	misuse of prescription drugs, and is there an
20	evidence base around that, and this
21	particularly in an electronic record could be
22	difficult to tease out consistently.

And then the more conceptual one is maybe I'm not understanding how this measure will be reported, that as I'm reading it, it's going to include those who are screened and are negative, and those who are positive and have an appropriate follow-up. But if you have different rates of substance use in your underlying population, it's going to be very hard, I would think, to control for that different prevalence.

The hard part of those who screen positive and get a brief intervention whereas if you're actually toting up everybody, and there's only a very small number of drug users in one population, a great number in another population, it's going to be carrying apples and oranges.

That's more a matter that could be easily cleaned up with the actual specification of reporting. But at least as I read it now, it sounds like that would be sort of confabulated within it.

CO-CHAIR PINCUS: So just to add to that, I mean the example of that is in a study that we did, evaluating the quality of mental health services in the VA, in which we compared that to the databases. This is the administrative database, comparing that to a private sector database.

The VA actually did somewhat

The VA actually did somewhat better, in some ways considerably better on all measures, except for those initiation engagement measures and substance abuse.

The reason was is that we think that the VA, in the population we looked at, had a 23 percent prevalence of substance abuse, and the private sector had one percent, and the VA was doing 100 percent screening, and they were identifying people with much less motivation, and likely they were less likely to follow up.

So there it is. So I don't want to extend it. It's just in responding to that sort of thing, just how you deal with that

1	problem.
2	MEMBER SUSMAN: Thank you.
3	CO-CHAIR PINCUS: Okay, Connie.
4	MEMBER HORGAN: Thank you, Harold,
5	for asking your question about what exactly
6	can be involved in testing, and this question
7	relates to how creative can one be with
8	testing.
9	My understanding is that the
10	efficacy on the drug measure really relates to
11	it being a universal screen, and is there any
12	opportunity for creativity for defining the
13	who is tested by perhaps high-risk populations
14	or patients who have screened positive on
15	alcohol and tobacco?
16	Is that kosher in composite
17	measures, to basically change what you're
18	the base across the three measures? Because
19	I think that one problem with the drug measure
20	has been related to whether it's universal or
21	not, and is that something that can be
22	considered, or is it even kosher in a

1 composite measure to do something like that? 2 CO-CHAIR PINCUS: And then --Mike. And then we'll give you a chance to 3 4 respond to the questions thus far. Right now, 5 we'll go halfway and then let them respond, 6 and go on. Because people won't be able to 7 keep it in their head. 8 Okay. I'm coming MEMBER TRANGLE: 9 from a practical perspective probably more 10 than theoretical. We've been doing this for 11 a number of years, you know, starting way back 12 when with ERs and trauma units in hospitals, 13 and expanding it to primary care clinics and 14 then health plan case managers telephonically 15 doing kind of SBIRT for folks with alcohol and 16 opiates and soon to be benzos. And as we've kind of worked with 17 18 this, several thoughts occur to me. One is 19 the fact that you're trying to get data from 20 an EHR/EMR is really much better than trying

to do it any other way. And to some extent,

finesse, the issue that's plagued us forever

21

about who counts?

2.2

Does it have to be a billable provider if it's claims-based, you know? When most of the evidence is you can take lower level people that don't need to really be billable providers to do this, as long as they're supervised and trained. So you finesse this huge issue that's beleaguered, I think, a lot of people trying to work on this.

Two, in our state, as in a number of states, there are a lot of sort of coordinated initiatives going on, to sort of stem the tide of prescription drug abuse.

We're finding that we're getting much better. I mean clearly a patient, if a prescription drug becomes hard to get or becomes too expensive, they'll just buy heroin cheaper on the street. So I know that there's a lot of flow back and forth.

But we're beginning to get a handle on what's going on through our EMRs with prescription drug abuse that's really

pretty accurate, even though we don't totally get the sliding over to the guy on the street stuff. And we're having reports that we're starting to routinely see about, you know, whether they're sticking to our protocols and whether you can capture it automatically.

I would encourage you to think about, is this a bite-sized, actually very feasible, doable piece that can show a big improvement, even though it's not all illicit drugs lumped with it, you know, because I think there's room to grow there, and maybe I'm also going against the room as a caution here, and well, I guess those are my two main thoughts.

CO-CHAIR PINCUS: So if you could respond to those comments thus far.

MR. WALLER: All right. So evidence on the type of brief intervention. So specifying the type of intervention. When I went through the list of who sits at this table, I saw a lot of psychiatric colleagues.

So the reality is the brief intervention, while there are standardized approaches, they sit under an umbrella of, you know, cognitive behavioral therapy, motivational interviewing and even mindfulness aspects of approach.

So that becomes a delicate balance between how well you know the patient and anything, because you may know the patient where the brief intervention is. You know your wife wouldn't be very happy with this, and that may be more effective than following a full-on CBT.

I've had this conversation with now 85 primary care doctors. We have -- I work for a group that may have 400 primary care doctors in this medical group, and in having this conversation with them, they're going to brief intervene based on how they feel is best for the patient.

We all know that that's still, you know, throwing a handful of rocks at a target. So the reality is, is that I don't think that

we can truly move that needle without at least starting with the -- do the brief intervention, and then those that feel very uncomfortable will go to the education of how to do that, because we supply that education for what are the standard models.

But that's the one piece that's going to be difficult, is what brief intervention made the difference. So if you have one provider that falls out with more positives than another one, we're going to be able to figure out, because it is an eMeasure, because we can actually now look at population health statistics over a period of time to determine which providers do it better as compared to those that do not.

So I think early on, trying to specify, to over-specify the brief intervention may be actually a mistake, given the significant heterogeneity that exists within practice styles and approaches, and the fact that the brief intervention data is also

plagued by cultural inaccuracies, which
populations it works best in and which
populations it doesn't.

So I think it also is one of those things that while tested, is only tested for the very specific populations that don't exist and from the peer world that we're trying to do that.

Will they be tested separately?

So it depends on how the EMRs bill them, to be honest. I mean if the EMR billed it as a package, and so if they billed it as a package, then it's going to be difficult to test it separately, because what you're going to get is a yes these were done as the measure comes out. If it's built --

CO-CHAIR PINCUS: Well, can't you specify about how -- I mean I guess, and Helen may want to explain to us. When we're approving a measure for testing, is it being tested along a particular protocol or it's totally up in the air what that protocol is?

1 Because it seems to me that -- I 2 can't speak for the whole committee -- but 3 what people move toward is if you want to test 4 it, you want to test it both as a, you know, 5 either as a composite or as separate ones, so 6 that you modify it, given the fact that the 7 weakest link is the drug abuse piece. 8 DR. BURSTIN: It's a good question, Harold, and I think some of this is 9 10 I think when we were thinking through trial 11 measure use, we didn't really think some of 12 the first measures out the box would be 13 composites. 14 It surprised us, and in fact this 15 is -- we've done this is in musculoskeletal 16 and they are all pretty simple measures. this is a little bit of a challenge. 17 18 current composite measure evaluation framework 19 really requires the analysis much more sort of 20 be at the level of a composite. 21 Now in this case, being a trial

measure, we probably need to know a little bit

1	more about the validity in an individual at
2	least the ones that aren't already endorsed.
3	We could talk with PCPI on that.
4	MR. WALLER: In Epic, we're
5	building this as each one individually and a
6	composite, so it can be broken out. So I know
7	it can be done, and they're connecting that
8	still to the charge code of a brief
9	intervention so that they can track it.
10	That's any brief intervention within a defined
11	office set.
12	So if it gets referred to a social
13	worker for the brief intervention as compared
14	to the provider, that will still count and it
15	will connect, because they've connected that
16	to the EMR.
17	DR. BURSTIN: But you know, one of
18	the requirements is that composites can be
19	unpacked, for the sake of quality improvement.
20	I think they're going to have to be built
21	individually.
22	MS. HANLEY: And also because the

1 individual data elements for each aspect of 2 each of the measures will be collected separately, we will have that capability --3 4 CO-CHAIR PINCUS: So we can -- so 5 in principle, then, we can endorse this with 6 an assumption that they will be able to be 7 unpacked? 8 DR. BURSTIN: Yes. 9 CO-CHAIR PINCUS: Okay. 10 MR. WALLER: The next one was the 11 evidence base for testing for misuse of 12 prescription drugs. So we're at the point now 13 where we can almost tell this without talking 14 to the patient, I mean like you were stating. 15 I mean so when you look into, you connect the electronic medical record with a health 16 17 information exchange with a prescription drug 18 monitoring program. 19 With the PDMPs, I mean you can 20 pull a prescription drug monitoring program 21 report, in all except for Missouri. And so in 2.2 every state, you can pull that out and look at

this, to determine whether or not they're
receiving prescriptions from other places.

You know internally whether or not they're calling early for prescription refills and things of that nature. So it's actually one of the easier things to tease out in a single practice nowadays. The question pathway is not as well developed as that for the misuse of illicit drugs, I mean, because that's what's been focused on for so long.

Because up until really the midto late 90's, we didn't write so many

prescription drugs. That became the -- right.

So in the end, it's the single-question effect

has been shown to be really the easiest. In

the last three months, have you taken your

prescribed medication for something not

indicated on the prescription, or for a reason

other than it's prescribed?

That single question has been shown to be just as valid as any long-term input. So that's validated against known

mechanisms, but that single question seems to be just as valid. So that's why I think that this one has the ability to tease that even better.

We're testing this measure and,
you know, as I say right now, in a couple of
the pilot locations, we've already seen
exactly what was seen earlier, was talked
about earlier, in those pilot locations, a per
person decrease in the opioids prescribed for
chronic pain.

That is directly correlated with the percentage of the patients you screen positive for either illicit drug use or misuse of prescriptions, or alcohol or tobacco. So even the screening for those two have significantly impacted that with the education, that having a use disorder with any one of those increases your risk of having that.

So the screening piece has had really nice secondary effects already, and I

think a number of other people have shown that
the screening by itself changes behavior for
other things that negatively impact health,
like prescribing an opioid to an opioid
addict.
CO-CHAIR PINCUS: And Jeff's
question?
MR. WALLER: That was the how
reported prevalence?
CO-CHAIR PINCUS: Yes, the
reported prevalence.
MR. WALLER: Yes. So if somebody
says that they only have one percent of their
patients that have a problem, they're not
screening well. I mean I think that what
we're what we're going to be able to do
with this is also benchmark.
So what we haven't been able to do
is actually benchmark the data set across
hospital systems and providers, so that if you
see in a population health statistic that

1	you can guess that you're not doing it well.
2	And it's not a matter of you have
3	the best patients in the world. It's very
4	much a matter of you're not asking the right
5	questions in the right way at the right time.
6	So I think that this is
7	CO-CHAIR PINCUS: Will you be able
8	to report the percentage of people who are
9	screened?
10	MR. WALLER: Yes, absolutely.
11	That's really important with this, because we
12	need to determine
13	CO-CHAIR PINCUS: The percentage
14	of people who screen positive?
15	MR. WALLER: Yes, of those asked,
16	of those screened for tobacco.
17	CO-CHAIR PINCUS: And that's part
18	of the report that comes out of this?
19	MR. WALLER: Yes, and it's really
20	one of the most important pieces, quite
21	honestly, because we haven't even been able to
22	benchmark this, this effect throughout, which

1	is why we sit at this abysmal ten percent
2	seeking treatment number.
3	CO-CHAIR PINCUS: And so that,
4	you're saying, in a sense is a balancing
5	measure, as well as a performance measure?
6	MR. WALLER: Right, and so putting
7	this out for testing in this way, I think, is
8	really important, because it allows us to at
9	least level set, you know, hospital systems
LO	and payors even to level set if the dollar
L1	they're spending is giving them the value for
L2	what they hope it will be, you know, in
L3	evaluating these patients for these very high
L <b>4</b>	risk.
L5	The two biggest preventable causes
L6	for emergency department visitation is alcohol
L7	and illicit drug use. So this is a really
L8	important piece that we're going to be able to
L9	find with this measure.
20	MEMBER SUSMAN: But certainly it's
21	possible, in fact probable, that certain
22	populations have an increased risk of

1 underlying, for argument's sake, prescription 2 drug abuse, or drug use overall. So if I'm down at the homeless clinic seeing my 3 4 patients, I think it's probably reasonable to 5 expect the rates of screened positives, the 6 overall true prevalence is a lot higher than 7 some other population. Not that I might not be missing some in either area but --8 9 MR. WALLER: And I think we'll be 10 able to find that and we'll be able to define 11 that based on payor now, that the EMRs track 12 that as, you know, it's beyond the specific 13 data point. 14 So everything that's entered into a specific field can hold. 15 So we're going to be able to really define commercial versus 16 17 public, you know, and private pay versus male 18 versus female versus age range versus white 19 non-Hispanic, Hispanic, Asian, African-20 American. 21 We'll be able to pull this data. 22 All that stuff we can now start to cohort.

1	But at the same time, while those things are
2	expected, I found that because one of the
3	places that we piloted, that we're piloting is
4	one of our good, nice places, and we're
5	finding 16 percent positive rates in a working
6	group with all commercial, with all of this
7	and the primary care doctor calls me freaking
8	out like twice a week now.
9	What do I do? My 72 year-old
LO	patient is smoking hooch on the side. I mean
L1	so I mean I mean but that's but these
L2	are things
L3	CO-CHAIR PINCUS: Tell her to
L4	smoke more.
L5	(Laughter.)
L6	MR. WALLER: But the reality is is
L7	that those are things yes, the highly
L8	technical term as a neuromolecular biologist.
L9	CO-CHAIR PINCUS: Okay. So let's
20	go let's now hear from Mike, Rhonda, Peter.
21	I have a comment and then Raquel has further
22	comment.

1	MEMBER LARDIERI: Great, thanks.
2	I guess my question is, is the brief does
3	the brief intervention have to happen on the
4	same day as the screen? Because if you're
5	dropping it to a code to bill for SBIRT, you
6	have to do 15 minutes, and that could be
7	cumulative with all the staff, including the
8	M.D.
9	But if that's what you're using,
LO	most patients, the first time you talk to
L1	them, they don't want to deal with it. So you
L2	deal with it next time, and that's where the
L3	whole motivational interviewing stuff comes
L4	in, and maybe three times down the road before
L5	you're actually able to get your 15 minutes of
L6	intervention. So I'm wondering how that plays
L7	out.
L8	MR. WALLER: I can answer that
L9	quickly. It does not have to be on the same
20	day, just within the specified 24-month
21	period.
22	CO-CHAIR PINCUS: Okay, Rhonda.

MEMBER ROBINSON BEALE: This is a very complex issue, to say the least. I just have a couple of comments.

On the drug use issue, National
Quality Forum several years ago sponsored, I
believe it was with NIDA, a national standards
work group, and out of that there was -- I was
co-chairing -- and there was a lot of argument
around the whole issue of screening the
general public around drug use.

I think from that, there was a recommendation for -- and it was heated, let me tell you. It was not a fun time. At that time, the recommendation was for high risk populations, and even there was argument in terms of defining what the high risk populations were.

Certainly those women who are pregnant was high on the list. Adolescents were high on the list. But then the issue of other types of populations really got into kind of issues of profiling populations and it

got kind of ugly. So that is when it became unclear.

I'm wondering whether or not with this measure, since there is that controversy. There's a lot of issues around this, whether or not what Connie was kind of suggesting, in terms of if this, then that, or if you have an identified high risk population, pregnant women, women who are pregnant and adolescents, there's enough data to suggest that there is high issues in terms of mortality and morbidity, particularly with women who are pregnant and with adolescents, the high prevalence.

If that might make an alignment at least with the guidelines, and therefore may be in a way more acceptable. Around the brief intervention, I just want to reiterate what you said around brief intervention, because it is -- falls in an area of psychosocial interventions.

You're absolutely right. There is

1 so much in the components of that, that makes 2 it kind of -- it may appear to the general 3 public as being kind of squishy when it really There are core elements within that 4 isn't. 5 that are still yet to be defined, and there is 6 a committee that's kind of trying to work on 7 defining that. One of the issues is that the 8 9 components of that are not necessarily teased 10 Like therapeutic alliance is a very core out. 11 part of this, because if you have a good 12 alliance with the patient, you can hopefully 13 influence. 14 But with that being said, I just

But with that being said, I just want to support the issue that it has to remain somewhat vague like that, because it's not very well defined in the field.

CO-CHAIR PINCUS: David.

MEMBER PATING: As I'm actually listening to the discussion, I'm getting more excited about this measure and the possibility of answering some really important questions.

15

16

17

18

19

20

21

So my system has done alcohol screening now for three million people as a routine across all primary care services.

We continually do alcohol screening. We didn't go with drug screening, because we just didn't know the impact of it. So alcohol screening, we rationalize it, saying alcohol screening picks up 75 to 80 percent of all comorbid drug use.

The question that I would be really interested in studying would be does alcohol alone, is that adequate? Is alcohol screening alone? Does alcohol plus drug screening add anything, or just drug screening alone pick up something that's more significant?

so I really like this combined as a measure, because I think you can't tease them out because of that. But that's the research question, is whether this adds extra value or not, and I'm just really excited to be able to dig into this data set, including

1	pulling out the pregnant populations, the
2	young adults and seeing if it's high risk, if
3	it should get a triple whammy as well, some
4	other thing, you know.
5	So I just you don't need to
6	comment there, but if you can later, just you
7	know, the ability to segment these things just
8	makes me very excited.
9	CO-CHAIR PINCUS: Okay, David.
10	MEMBER EINZIG: So I also think
11	it's a very important measure. But my
12	question has to do with I'm trying to think
13	about this from a patient perspective.
14	So I'm a patient and I've been to
15	my clinic twice in the past year, and I see,
16	you know, my primary docs. I'm healthy, and
17	I just see whichever doc, whichever provider
18	is in the clinic.
19	So I'm going there for a sinus
20	infection, sinusitis. So this screen is going
21	to have to be applied to me. So I'm just
22	trying to wrap my head around that. It seems

1	like a pop quiz, where if I'm going in for a
2	preventive visit, I expect it.
3	MS. HANLEY: So for the
4	eligibility
5	CO-CHAIR PINCUS: Can we go to
6	other questions. Let's just kind of get
7	through and then respond, just to keep it
8	efficient. Larry.
9	MEMBER MILLER: Yes, I think this
LO	is going to be a very important measure. The
L1	question I have, and it's probably a very
L2	simple one, I understand that the intervention
L3	is met by a code, a CPT code or whatever
L4	that's done.
L5	How would the screenings document
L6	that check that's been done is actually the
L7	results of the screening, so that you can look
L8	and see how those are done, and for different
L9	populations. How is that sort of handled?
20	CO-CHAIR PINCUS: So why don't we
21	have you respond now after that, and then I
22	have just one small thing and maybe Peter, you

1 could sort of summarize. 2 MS. HANLEY: So the -- regarding the intervention, a brief counseling, a brief 3 intervention here is allowed. 4 So it does not 5 need to meet the threshold for billing for 6 that service. So it can be a minimum of 5 to 7 15 minutes. The other -- can you repeat the second part of your question? 8 9 MEMBER MILLER: I'll try. With 10 that follow-up, so how has that even been 11 documented if it's not a billing? But that 12 wasn't the question. The question was about 13 the screening, how is it done. 14 The screening, thank MS. HANLEY: 15

MS. HANLEY: The screening, thank
you. So those -- that information is captured
in the electronic health record, with the
result of the screening. So if you're a
tobacco non-user, if you don't use drugs at
all, those answers are captured as part of the
screening, and that's required as part of -to be able to report it from the EHR.

MR. WALLER: And that's the way

16

17

18

19

20

21

22

that we're building it right now in Epic, and
Cerner is actually paralleling this at the
same time, because we have both of those
systems in our hospital, which is awesome.

But the reality is we're able to say on the soap, you know, if we're going to do an evaluation, then what we can do is say Question No. 2 is answered positive by more of these patients. So we can start to even validate some of those subsets of questions.

It's really going to be helpful for us, because we're making it -- so those that screen positive are actually trying to validate the 11 subsets of the DSM-5 for SUD on those independent factors, and those are being mirrored as well.

So yes. I mean we're going to be able to cohort this data to death. I mean that's the point of it. I mean we want to flog it at the end of the day. I mean it's going to evaluate everybody from 18 and up, and if you come in for your sinusitis, why do

1	you have that? Are you smoker?
2	So these are it becomes very
3	I mean those are the questions that become
4	realistic if you're, you know, the high risk.
5	If you smoke and you have sinusitis, the
6	chances of antibiotics helping decrease by 60
7	percent. So it becomes highly relevant, even
8	on a very basic issue.
9	Chronic back pain absolutely does
LO	not get better in patients who smoke, you
L1	know. Chronic shoulder pain or bursitis,
L2	because you get drunk on Saturday nights and
L3	you sleep like this the whole time. Those are
L4	very specific questions that can you can
L5	elucidate cause and effect by asking these
L6	questions.
L7	But you're responsible for the
L8	vast majority of non, you know, emergent
L9	visits that come in if you have a respiratory
20	illness
21	CO-CHAIR PINCUS: Could we move
22	to, you know, sort of respond to Rhonda and

1 the two Davids?

MR. WALLER: Yes. So with

Rhonda's question, so there's two pieces.

One, I see all the pregnant patients in our

county who are on controlled substances. So

I agree that without question, that's a high

risk population.

But what percentage of patients are currently screened in an OB/GYN office?

Less than five percent nationally, because there is no requirement to push that out.

So less than five percent of moms are screened for alcohol or drugs. They're screened for smoking, because that's just a part of what's already on the EMR. But in general, less than five percent even do the screen, even on the highest risk population.

So that is definitely concerning to me, and I echo that. I've also been in some of those rooms with these conversations that were heated about -- most of that has to do with a fear of the perception of the

1 disease, and a worry about creating a those-2 patients approach when you cohort those, and whether or not this would be utilized as a 3 4 negative for the patient rather than a 5 positive for treatment or intervention. 6 This is -- since I've been 7 involved in addiction medicine been Topic No. 8 1, part of the problem is that this disease is treated in a closet, and getting it outside of 9 10 that and allowing it to be aired as no 11 different than diabetes or hypertension nor 12 urinary retention. 13 It doesn't matter. It's the same 14 thing. We have treatments, we have 15 approaches, we have evaluations. 16 starts with screening and asking the 17 appropriate questions that are validated to 18 give us an answer that we know it needs 19 intervention. 20 So I think that this is an easy 21 Step 1 in making the disease and the risk of 2.2 the disease within a population visible, and

I think that if we're unable to take Step 1, Steps 2, 3 and 4 will never happen. So my concern is that the risk to our population by not asking these questions is made evident by the fact that we have more people die of overdose than car accidents in three-quarters of the states.

So the reality is not asking that question and then writing a prescription for an opioid or benzodiazepine or a combination of those two that causes all of this problem is, you know, quite honestly it escapes me why this hasn't already been asked for a decade.

I know the answers to that, but I think that this puts us in a position, and in really a wonderful timing situation, to be able to drop this into an electronic stream, so that we can pull population health data, which is going to allow us to understand on a large scale the impact, rather than, well, when I talked to my ten patients, I had a really good effect, or it didn't seem to work

1	for me, because that quite honestly, that
2	anecdotal stuff doesn't really matters. It
3	matters to the physician who gets the data,
4	that says you need to figure out how to do
5	this better or good job, continue to do that
6	and maybe you can help your colleague.
7	But I think the reality is, is
8	looking at the population health data also
9	takes out the individual bias that seems to be
10	worried about so much, because as this gets
11	dumped into an EMR stream, you're going to be
12	able to look at data sets and not people, and
13	that becomes helpful for disseminating.
14	CO-CHAIR PINCUS: You need to
15	shorten a response a little bit, and get to
16	the two Davids' questions.
17	MR. WALLER: Sorry.
18	MEMBER PATING: Actually, I'm
19	fine.
20	CO-CHAIR PINCUS: You're fine?
21	Okay.
22	FEMALE PARTICIPANT: Well, if we

1	could just explain the denominator population.
2	Oh sorry.
3	MS. HANLEY: So for preventing
4	if a patient's coming in for their annual
5	wellness visit, that visit alone will count
6	for inclusion in the measure. Otherwise, we
7	require two other types of visits. So again,
8	if you don't address it at that one visit, you
9	do have the opportunity of another one.
10	(Off mic discussion.)
11	MEMBER EINZIG: Just the
12	complexity of if a patient sees a different
13	provider at the same clinic, not a primary
14	care provider per se but a different provider,
15	it's
16	MS. HANLEY: Is your concern that
17	they would be included or not be included?
18	MEMBER EINZIG: Well, I'm just
19	trying to think. So the process of patients
20	coming in for their sinus infection or what-
21	not. They're seeing the doc de jour. You
22	know, they're not necessarily going to be

1	looking to see if the screen was done in the
2	past 24 months. They're just there for a
3	sinus infection, and they have no other
4	history with this patient. So just real world
5	scenarios.
6	MS. HANLEY: Yes. So it would
7	I mean because this is specified at the
8	individual clinician level, it would require
9	two visits with the same provider.
10	CO-CHAIR PINCUS: And Raquel had
11	sort of a question, just coming back in terms
12	of your response.
13	MEMBER MAZON JEFFERS: Okay. So I
14	just want to also say that I do think that
15	this is an incredibly important measure, and
16	learning about the prevalence in primary care
17	settings of substance use and bringing it, as
18	you said, out of the closet is really
19	significant.
20	I understand that the brief
21	intervention today is more of an art than a
22	science. But I'm wondering if you can't use

this measure in a way to help bring more of
the science into the brief intervention, and
try and understand a little bit more about
what is working in terms of a brief
intervention, because the way the measure is
constructed now, we're not -- you're not even
going to be gathering data on what in fact the
brief intervention entailed.

so it might be helpful to at least gather information on what in fact was done during that brief intervention, so that we could begin to accumulate information about what would be effective, what would be more effective, understanding that this today, we're working in more of an artistic world than a scientific world around the brief intervention.

CO-CHAIR PINCUS: Thank you.

Peter, you want to summarize? I had a couple of comments, but I could do that at the end, because this actually doesn't require a response.

co-chair briss: No. Everybody's excited about the importance of the issue. I do want to make some comments. So one of them is that I think that the verbal description of the evidence is for the drug interventions doesn't match what's in the printed materials, and frankly what's in the various intervention studies.

So I think I'd encourage the

So I think I'd encourage the developer to if you have data that isn't written down, that makes you feel more positive about these interventions, I'd encourage you to marshal it.

I do think this is going to be -as a primary care doc, I'm worried about
professional burden of this measure and on an
intervention that's mostly been untested.

And then the second thing that I
would say is that there's clearly a lot of
hope around the table about things that might
be tested in measure testing. I'm skeptical,
frankly. So think about what actually gets

1	written in the EHRs.
2	You're not talking about a cohort
3	setting. You're talking about real life
4	clinical information. If you're lucky, you're
5	going to have somebody say I addressed this
6	issue, right, or have a checkbox that says I
7	addressed this issue.
8	You will not get information about
9	quality of counseling. You will not get
10	you may get information about whether
11	processes were done, but you will not get
12	information about whether people's outcomes
13	were better.
14	And so we shouldn't over-emphasize
15	the kind of some of the big questions about
16	these are fundamental efficacy questions, and
17	you will not get that information from EHR
18	data, any kind of EHR data in any setting.
19	CO-CHAIR PINCUS: So I think we're
20	ready to vote. Oh Mady, last comment.
21	MEMBER CHALK: I want to point out
22	to Peter that the same applies to the measures

we discussed yesterday, follow-up for people with SMI on all of those measures and all of those exams tells you nothing about the counseling or the follow-up, and we didn't have big issues about that. So I don't want this particular composite measure to be held to a standard that wasn't used yesterday.

MEMBER SUSMAN: This is probably mostly for Helen. If I heard this discussion during one of our usual conversations, I'd say well, this isn't ready for anything. I mean we got all kinds of questions.

It seems more like a discussion with a very smart research associate, who's got, you know, lots of different ideas and projects they're going to do, all of which I find very exciting, and I don't mean to demean it.

But as far as sort of even close to prime time, I'm feeling really uncomfortable. So I'm not quite sure what NQF's intent for this group is at this point

1 in time before we vote. 2 DR. BURSTIN: That's a good question. You know, I think in our 3 4 expectation, we came up with the concept of 5 doing trial use was the idea that, you know, 6 these weren't ready for testing, but they were 7 ready for everything else. 8 So I do think you need to have a level of comfort about evidence that is 9 10 equivalent to any other measure you would look 11 So it's not as if you're going to have 12 evidence re-examined as part of this trial. 13 I mean I just -- just to be honest about it, 14 it's not as if that's going to emerge. 15 We did hear a fair amount about 16 what they could do in terms of the rates of 17 the individual components that I think would 18 give you a great deal more comfort about 19 validity, you know, as much as we'd like to 20 try to tease those apart, are so heavily 21 related to each other. 22 So I think you need to decide is

there enough that these measures could move forward for trial use or, you know, is there still enough discomfort about the level of evidence of the four components? That's really why we have a standing committee. It's not for us to decide.

But again, keep in mind -- the last thing. Keep in mind that even if they go through this whole process, they are not endorsed. They're only approved for trial use.

So there is an expectation that these are sort of out there on a trial basis, with not an expectation that somebody could turn around and say these are endorsed measures, and let's use them to pay providers, et cetera. You would expect that other work to happen first.

MEMBER SUSMAN: Then could I just ask the measure developer, from your perspective, why do all -- it sounds like you're going to do this stuff pretty much

1 I mean does having the stamp of being anyway. 2 an eMeasure for whatever this means, I'm sorry, the lingo, forget it. 3 4 Does that have enough impact for 5 you as the developer that it really is 6 important? 7 You know, I think MS. HANLEY: 8 that at the national level, there is huge 9 emphasis on measures, outcome measures, 10 composite measures, patient-reported outcome 11 measures. We're working very hard to try to 12 advance the measurement field towards that, 13 and this is one stop on that journey. 14 DR. BURSTIN: And just from a 15 national perspective, I'd also add, I'm glad 16 you made that point. There's also just a huge So I think 17 interest in moving eMeasures out. 18 some of this is also just trying to put it out 19 there, see what we learn, rather than waiting 20 for the perfect, which could take a while in 21 the eMeasurement space. 22 CO-CHAIR PINCUS: So Helen, I'm a

little bit concerned that your last statement, you know, what you just said is in total contradiction of what you said before, well, you should apply exactly the same level of expectation, level. Because the reality is that, you know, there are more gaps in the evidence base for this measure than there are for the other measures.

Part of the thing that's accounting for some of the enthusiasm about this measure is that we're going to get more evidence to be able to fill those gaps. So that if -- so in a way, particularly for this criterion, you know, it's -- you know so just talking in my own head, sort of walking into this, sort of how I was going to vote.

I was walking in here thinking like oh, there really isn't evidence for the drug abuse piece, and I was, you know, sort of kind of negative about that.

But hearing that this is actually going to get evidence that's going to inform

1 us in a better way has made me more 2 enthusiastic and more likely to vote in favor 3 of it. But now you're telling me that I 4 shouldn't do that. 5 DR. BURSTIN: Didn't mean to --6 yes. I didn't mean to confuse anyone. Let me 7 just try it one more time. At least our 8 initial conceptualization of this, and it's 9 interesting. When I presented on some of this 10 at Academy of Health, I got pushback on 11 exactly the issue. 12 Is it really just that the testing 13 reliability and validity will emerge from 14 testing, or in this world of electronic data, 15 does evidence actually emerge from the work of 16 putting it out there? I think that's a real 17 question, is you know, will there be real-time 18 evidence collection as a result of having this 19 out there in trial use that would inform you? 20 Frankly, that's uncharted 21 I mean again, it's trial use. territory. 2.2 I think there's a bit more of an expectation

1	that it doesn't have to be quite as clear, and
2	also at the end of the day, you're not saying
3	this measure is endorsed. It doesn't meet the
4	same standard.
5	So I'm not saying at least in
6	terms of evidence, you may want to, for
7	example, consider the fact that you do at
8	least have an option of insufficient evidence
9	with exception, which is specifically
10	something where you think currently the
11	benefits to patients could outweigh the harms,
12	but you're not completely and totally
13	convinced that it is, you know, right at this
14	very moment something you could move on.
15	I'm not encouraging that. It's
16	supposed to be an exception, but I just
17	CO-CHAIR PINCUS: Well, what does
18	that mean with exception?
19	DR. BURSTIN: It means with
20	exception, literally that you would say
21	(Laughter.)
22	CO-CHAIR BRISS: It means we want

1	to we believe that it's a good thing to do
2	and we want to recommend it without evidence.
3	CO-CHAIR PINCUS: Right. So that
4	counts
5	DR. BURSTIN: That counts as a
6	yes.
7	CO-CHAIR PINCUS: That counts a
8	yes, okay. I just want to be sure, because
9	it's listed as a 5, but so it counts as a 1 or
LO	a 2.
L1	MEMBER TRANGLE: Why don't you
L2	just allow us to review the evidence when it
L3	comes back later, instead of saying review it
L <b>4</b>	now and never look at it again?
L5	DR. BURSTIN: Because in general,
L6	most people will come back with only testing
L7	results that will have no impact on your
L8	MEMBER TRANGLE: I know, but can't
L9	we make an exception that way this time, with
20	exception? That's how we define exception in
21	this space.
22	DR. BURSTIN: I think that's

1	that's essentially what this is, it's
2	insufficient evidence. Do you believe that
3	putting this measure out there will have
4	significantly more potential benefits than
5	harms?
6	CO-CHAIR PINCUS: Out there for
7	testing or out there for
8	DR. BURSTIN: Out there for
9	testing. This is only for testing.
10	CO-CHAIR PINCUS: Okay, oh. Well
11	right.
12	(Simultaneous speaking.)
13	DR. BURSTIN: When it comes back
14	
14	the question is when it comes back
15	the question is when it comes back CO-CHAIR PINCUS: Let's, let's
15	CO-CHAIR PINCUS: Let's, let's
15 16	CO-CHAIR PINCUS: Let's, let's okay. So Connie has a question and
15 16 17	CO-CHAIR PINCUS: Let's, let's okay. So Connie has a question and MEMBER HORGAN: This is a follow-
15 16 17 18	CO-CHAIR PINCUS: Let's, let's okay. So Connie has a question and MEMBER HORGAN: This is a follow- up to Harold, your question, and the issue is
15 16 17 18	CO-CHAIR PINCUS: Let's, let's okay. So Connie has a question and MEMBER HORGAN: This is a follow- up to Harold, your question, and the issue is impact on unpackability. One concern with

1	DR. BURSTIN: (off mic)
2	MR. WALLER: It is unpackable
3	because they each independently have to
4	happen. So we need to show that each of the
5	independent factors happened, and then the
6	brief intervention was done for any positives.
7	MEMBER HORGAN: Right. How usable
8	will it be by a health plan to use it in that
9	way, and why not have paired measures versus
LO	a composite measure, because you know, the
L1	ease of unpacking. I mean you could have a
L2	locked suitcase that's very difficult to
L3	unpack.
L <b>4</b>	CO-CHAIR PINCUS: So let me see.
L5	Let me sort of just try to clarify, so that we
L6	can move ahead, because time is marching on
L7	and people have planes. So it sounds like if
L8	we that if we move ahead with sort of
L9	recognition of this measure for testing, that
20	it could come back to us for endorsement
21	either as separate measures or as a composite
22	measure?

1	MR. WALLER: I think that yes,
2	ultimately. Because we're going to be able to
3	determine the validity of the approach for
4	each of those independently, you know, as far
5	as
6	CO-CHAIR PINCUS: Just a yes/no.
7	MR. WALLER: Yes.
8	CO-CHAIR PINCUS: Okay, okay. Any
9	other questions before we go to voting? Okay.
LO	Larry and Bob.
L1	MEMBER MILLER: I'm sorry. Just a
L2	quick technical question. Would this come
L3	back in three years like normal things or just
L <b>4</b>	when would this come back in terms of arguing
L5	this again?
L6	DR. BURSTIN: It has to come back
L7	within three years. It doesn't have to wait
L8	three years. As soon as they're done with
L9	their testing and their evaluation, we
20	hopefully get it back much sooner than then.
21	We don't want to wait that long if we don't
22	have to.

1	CO-CHAIR PINCUS: Okay, Bob.
2	MEMBER ATKINS: The unpackability
3	question. If somebody screens positive on two
4	or three of the substance classes, will the
5	counseling be one counseling for the complete
6	set that they score a positive on? Or do they
7	need three separate counseling sessions?
8	MR. WALLER: They would all need
9	to be addressed, but it could be in one
LO	session.
L1	MEMBER ATKINS: Okay. I don't
L2	know what that has to do it seems to me
L3	that might be complex, in terms of the
L <b>4</b>	unpacking. But you guys deal with that.
L5	CO-CHAIR PINCUS: Yes, okay. So
L6	why don't we move ahead? So okay. So we're
L7	going to vote now on this issue about the
L8	evidence for the importance of the measure of
L9	concept, and just to clarify, that a 1, 2 or
20	5 would allow the measure to go forward and
21	for us to review the other criteria. Is that
22	correct, Helen? Okay.

1	MS. DORIAN: Caroline, are you on
2	the phone?
3	(No response.)
4	MS. DORIAN: All right. Does
5	everybody have their clicker and ready to
6	vote? Okay.
7	MS. BAL: Voting is now open for
8	evidence. The options are 1 high, 2 moderate,
9	3 low, 4 insufficient evidence, 5 insufficient
10	evidence with exception, and as we said
11	earlier, 1, 2 and 5 combined together would
12	allow the measure to pass. One more.
13	CO-CHAIR PINCUS: Les isn't here.
14	MS. BAL: Is anyone else out of
15	the room? We're missing one person on that
16	side. Let's move forward with 22 then.
17	Okay. So the results for 2597
18	evidence is high 3, moderate 5, low 0,
19	insufficient 1, insufficient evidence with
20	exception 13 and we'll move forward to gap.
21	CO-CHAIR PINCUS: Okay. So let's
22	move forward, and Peter.

1	CO-CHAIR BRISS: Essentially
2	everybody agreed that there was a large
3	performance gap.
4	CO-CHAIR PINCUS: Okay.
5	MS. BAL: Okay. Voting for gap is
6	now open.
7	[VOTING.]
8	MS. BAL: Okay. The results for
9	gap for 2597 is high 17, moderate 5, low 0,
LO	insufficient 0, and we'll move forward to high
L1	priority. Would you like to discuss or just
L2	vote?
L3	CO-CHAIR BRISS: No issues on
L4	priority.
L5	MS. BAL: Okay. Voting is now
L6	open.
L7	[VOTING.]
L8	MS. BAL: Okay. The vote for
L9	2597, high priority, is high 20, moderate 2,
20	low 0, insufficient 0, and we can also vote
21	for the composite importance as a whole.
22	Would we like to do any discussion or just

1	move forward with it?
2	CO-CHAIR BRISS: So it was
3	articulated, and I think we've discussed the
4	issues with the composite already.
5	MS. BAL: Okay. Voting is now
6	open.
7	[VOTING.]
8	CO-CHAIR PINCUS: By the way
9	Helen, you may want to modify this criterion
10	for the purposes of e-measure testing, okay.
11	(Pause.)
12	MS. BAL: We're just missing one
13	vote. Okay, we got it. Thank you. Okay. So
14	for the importance composite, for 2597, we
15	have high 8, moderate 9, low 3, insufficient
16	2, and we can move forward to the trial use
17	specifications.
18	CO-CHAIR BRISS: So essentially
19	the work group thought that it was cleanly
20	specified.
21	CO-CHAIR PINCUS: Are there other
22	comments with regard to the measure

specification?
(No response.)
CO-CHAIR PINCUS: I guess, just
I think there was some concern that Raquel had
brought up about the specification of the
counseling component.
CO-CHAIR BRISS: But as with many
of the measures yesterday, you know, we talked
about it. Sometimes we've essentially
accepted a developer's argument that they're
trying to be flexible, and I think that we've
heard that argument again today.
CO-CHAIR PINCUS: Tami.
MEMBER MARK: I thought I heard
that the specification is going to allow for
easy billing. I just want to confirm that,
because it seems important to, you know, to
encourage that.
CO-CHAIR PINCUS: Could you speak
a little closer to the microphone?
MEMBER MARK: I thought I heard
that the specifications that allow for easy

1	billing, and I just want to confirm that,
2	because it seems like adoption of the
3	screening is going to be more encouraged if
4	the specification is linked easily to billing.
5	MS. HANLEY: As long as the
6	counseling services provided meet the criteria
7	to bill for that, it can absolutely be used
8	for the measure. But we're not measuring
9	whether or not what's right to bill or not.
LO	So I'm clear by what you mean by easy billing.
L1	MEMBER MARK: Well, I mean maybe
L2	you could just articulate a little bit how
L3	like checking the boxes would be translated in
L4	a provider organization into something that
L5	would be billable.
L6	MR. WALLER: Yeah. So basically
L7	you have three levels of brief intervention
L8	billing, and those are connected to the
L9	specification when it's started. So I mean
20	you go through the screening if it's positive.
21	Then at the end, on your billing screen on the
22	EMR, you can bill either you can put non-

billable brief intervention which is the really short version, like you chatted with it but it's not something that needs billing, or you can actually code it out as the specific E&M code for each of those two.

And it's literally the way that it's built into the EMR, check which one applies. Did you do extensive, you know, and it's based on time. So it's based on 15 minutes is billable. If you do less than 15 minutes, it's not billable.

Now that 15 minutes can be combined. So if the physician does a portion and another portion is done by their social worker or nurse, that can be combined billing, and that meets specs for reimbursement. So it can be billed out, even if the physician does half, and if the other half is done as team, then that can still be billed out so --

MEMBER MARK: So is the screening part billable or only if the screening leads to brief intervention is it billable?

1	MR. WALLER: Screening is also a
2	billable element. Whether or not it's paid
3	is, you know, built on different payors.
4	There is a code that can be levied for the
5	screen.
6	(Off mic comment.)
7	CO-CHAIR PINCUS: Okay. So are we
8	ready to vote on specifications?
9	MS. BAL: Okay. The voting is now
LO	open.
L1	[VOTING.]
L2	MS. BAL: Just waiting for two
L3	more. If everyone could please vote.
L4	(Pause.)
L5	MS. BAL: So the trial measure
L6	specification for 2597 is high 4, moderate 16,
L7	low 0, insufficient 2, and we can move forward
L8	to feasibility.
L9	CO-CHAIR BRISS: Okay. So there
20	are feasibility questions about this measure,
21	which I think we've already discussed.
22	MS. HANLEY: Just so everybody is

1	aware, we did do feasibility testing and two
2	sites, a federally qualified health care
3	network of clinics, and a solo practitioner
4	family practice site, and that was included in
5	your submission materials with the feasibility
6	assessment.
7	CO-CHAIR BRISS: And it does raise
8	some questions though, because the solo
9	practitioner scored high, and he or she was
LO	presumably motivated. The community health
L1	center didn't implement it very well, as I
L2	recall.
L3	CO-CHAIR PINCUS: Okay. Any other
L <b>4</b>	comments?
L5	(No response.)
L6	CO-CHAIR PINCUS: Okay. Let's
L7	vote.
L8	MS. BAL: Okay. Voting is now
L9	open for feasibility.
20	[VOTING.]
21	MS. BAL: Okay. The results for
22	2597 feasibility is high 4, moderate 14, low

1	4, insufficient 0, and we'll move forward to
2	usability and use.
3	CO-CHAIR BRISS: I don't think
4	there's anything to talk about here that we
5	haven't already talked about.
6	CO-CHAIR PINCUS: Okay. Any other
7	comments?
8	(No response.)
9	CO-CHAIR PINCUS: Okay. Let's
10	move to voting.
11	MS. BAL: Okay, voting is now
12	open.
13	[VOTING.]
14	MS. BAL: Okay. The results for
15	2597 usability and use, high 10, moderate 9,
16	low 1, insufficient 2, and we'll move forward
17	to the overall vote, unless you would like
18	further discussion.
19	(Off mic comments.)
20	MS. BAL: Do you want more
21	discussion or no?
22	CO-CHAIR PINCUS: Any further

1	discussion?
2	(No response.)
3	CO-CHAIR PINCUS: Okay.
4	MS. BAL: Voting is now open.
5	[VOTING.]
6	MS. BAL: Okay. So for overall
7	suitability to be a trial measure for 2597,
8	the results are yes 20, no 2. So this measure
9	will be a trial measure trial use measure.
LO	MR. WALLER: I'd like to thank the
L1	Committee for their time in looking at this.
L2	I know it was confusing, so thank you.
L3	CO-CHAIR PINCUS: Okay. So thank
L4	you very much. I think Helen, we were glad to
L5	be a guinea pig for NQF on this process. I
L6	think we learned a lot. I think it's
L7	interesting. I think there's a you know,
L8	I think there's a reality that, you know,
L9	almost by definition, you have to apply
20	different standards, because you're trying to
21	get information.
22	So it really is not looking out

there that, you know, that whether or not this should be used, but really will this generate information. I guess a couple of just recommendations to the developer, just a couple of things, just comments.

I received an email from Rich

Sates, sort of raising a series of issues,
raising a series of issues, and he had asked
me to bring it up. I didn't do it, because
it's clear that he, not being part of this
interaction, wasn't completely informed about
all the issues. I suggest you might want to
contact him to --

(Off mic comment.)

CO-CHAIR PINCUS: And the second thing is -- the second thing is NIDA had a recent meeting that Connie and I were both at, in which they are sort of actually developing these common data elements as part of their clinical trials network, and actually looking at sort of specifying measures, and it would be good to coordinate with them.

1	Okay, good. So now we're going to
2	move to Measure 2599, and Peter's going to
3	chair and Mady's going to be
4	CO-CHAIR BRISS: So this is
5	alcohol screening and follow-up. It's
6	another, and would the developer like to pick
7	this up?
8	MS. DORIAN: So just to note,
9	we're not sticking with the original agenda.
10	2605 was up next, but we're going to do 2599
11	and 2600, and then 2605.
12	MS. HUDSON SCHOLLE: Good morning.
13	So we're continuing on our journey
14	to look at care for people with serious mental
15	illness. So this morning, there are two more
16	measures that we're going to review, that
17	address alcohol and tobacco use, and so these
18	are similar to the BMI measure that we
	discussed yesterday.
19	415045504 7050514471
19 20	So again, these measures looked at

1 BMI screening, alcohol screening and tobacco 2 screening, all three of those measures are set up as screening and follow-up. 3 4 So this is not about full 5 treatment. This is about getting people 6 connected and doing the first step in follow-7 up of a positive screen. The alcohol measure focuses on people with serious mental illness. 8 9 So the two changes that we made 10 were we took that existing provider level 11 measure, that looked for screening and 12 immediate follow-up at the time of the 13 screening, and we adjusted it for reporting by 14 health plans for the SMI population. 15 So the denominator is now people 16 with serious mental illness, and the numerator 17 is looking for two events of counseling. Now 18 there's a question about what should count as 19 meeting this numerator, and so we allow two 20 events of counseling. 21 There was a question, I think, 2.2 whether medication use would be consistent for

alcohol. We did not -- I'm sorry, and but that was not included in the original measure, which focused on counseling, and so it's not included here.

The counseling can occur at the visit by the provider who conducted the screening, or it can be other kinds of events. We increased the expectations to two events, given that this is a high risk population and this single event was -- our panel thought that a single event was not sufficient.

Okay. I'm sorry. I'm speaking right into the mic. Okay, okay, exactly. So the numerator requires two events of counseling. It can be conducted at the visit at the time of the screening, or it can be -- and those two events have to occur within three months.

They can be done by any kind of provider, including a health plan care manager, if the health plan can document that follow-up. I think that's where I'll stop.

I mean we based this on evidence about the prevalence of alcohol use, and this was tested in a way that was similar, in the same sets of health plans.

I will note that we were -- that people with an existing alcohol use disorder are excluded from this denominator because they have already been identified. This is about identifying new cases. So a number of people in this population are already identified, so that decreases the denominator.

It also -- what we found in our testing was a very low rate of positive results, which our stakeholder group said doesn't make any sense at all. So we were -- that's what we found.

Now we largely had access only to medical records. So it's likely that the alcohol use might have been identified and addressed in behavioral health care. But as we talked about yesterday, even though we were in places where we -- theoretically where the

1	plan had access and their nurses were able
2	the plan requested behavioral health records,
3	they did not always get those in time for this
4	review.
5	MS. LIU: I'd just add that these
6	measures are to address the comorbid
7	condition. So you see that for the SMI
8	population, we try to address their alcohol
9	use, screening and follow-up, and also tobacco
10	use for both SMI and the AOD population.
11	We also reviewed these measures
12	with the original measure developers and
13	stewards, and they felt our adaptation of
14	these measures made sense, given that these
15	are applying to another vulnerable population.
16	The results, as Sarah mentioned, demonstrated
17	that there was a gap in care and there was
18	disparity.
19	CO-CHAIR BRISS: So let's let Mady
20	key this one up for the Committee, and then
21	we'll have a discussion.
22	MEMBER CHALK: Clearly, there's a

performance gap that was identified by the measure developers. However, the data are very limited, because the alcohol screening and brief counseling measure has only been recently endorsed by NQF. So it hasn't been terribly well used out there.

No issue with regard to reliability. The issue of validity remains, as we talked about some yesterday. But in this one, the measure -- I still have issues with the fact that the measure was not tested in commercial health plans, but was tested only in a variety of Medicaid and Medicare plans, and that the data was shockingly bad.

I mean it's much worse than the data that we saw about the measures yesterday. I mean it's almost -- there was one -- one of the plans only screened one person. So there's, you know, I don't -- it is of big concern to me that we push, we endorse a measure like this with those kinds of issues and lack of testing.

No issues with feasibility, because alcohol claims are not difficult to identify and reference. Usability, as the first reviewer, this is coming just from me.

I have, as I said yesterday, some major concerns about pushing forward quality measures such as this, that come with no action plan to help them be implemented appropriately and useful and move, related to improving quality.

I don't have any expectations

personally that this measure will do anything

more than has happened with the screening

measures for alcohol and -- well, for alcohol,

that we have -- that NCQA has currently, which

haven't moved at all. So you can take that

for what it's worth.

There are significant disparities in the care that was provided, but NCQA talked about that a minute ago. Only a third of the people, about a third of the people who were screened have follow-up in the three Medicaid

plans, despite the fact that we know that alcohol is heavily implicated in major chronic illnesses for people with serious mental illness.

There was good face validity.

However, there is one issue that was of deep concern to me, and that has to do with the fact that the two events that NCQA just talked about of counseling, the specifications were amended to allow self-help services to be documented in the clinical record, which means AA, and to this reviewer, that's unacceptable.

MEMBER MAZON JEFFERS: So I'm just trying to, in my head, reconcile three things: The intended use of the measure at the health plan level, the care setting that people with SMI are normally treated in, and the evidence of effectiveness for the SBI in that SMI population.

So I think I understand that the intended use is at the health plan level, and that people with SMI would be screened in a

1 primary care setting for the alcohol use. 2 My understanding of a normal clinical pathway for someone with SMI is that 3 4 I don't know how much contact they have with 5 their primary care physician, and whether the 6 care setting, screening them for their alcohol 7 use makes sense to happen in the behavioral 8 health setting, or in the -- in the primary 9 care setting. 10 I guess you're going to tell me it 11 could be used in either, but it's a little 12 confusing, and then the third thing is that as was discussed before, screening and brief 13 intervention is more effective for alcohol 14 15 use, in terms of changing outcomes, in a 16 population that has mild to moderate substance 17 use. 18 The SMI population really might 19 not fall into that category. It might not be 20 the most effective population to engage using 21 SBI. 22 CO-CHAIR BRISS: I'd like to focus

us on what -- try to focus us on one issue at a time. So if we -- if for now we can talk about the evidence things, we'll come back to the rest of the criteria.

MEMBER SHEA: This is just a brief question. Just looking at the specifications, one of the screeners was the CAGE, but I know we had a large discussion about how the CAGE really wasn't a good screener. It's more for someone who has dependence, and so I was just wondering about that.

MEMBER TRANGLE: This is more of a technical question. I mean we've been doing this, and my own perspective is as an integrated system, we're trying to do it at the plan level telephonically. We're trying to do it in primary care and behavioral health.

I heard you say a plan phone call well documented counts. Is that also true if it's a nurse or care manager in primary care/behavioral health? It's documented but

1	they're not a billable provider? Is it coming
2	from the EMR or is it claims-based I guess is
3	what I'm asking? Could it be both?
4	MS. HUDSON SCHOLLE: Okay. So it
5	is plan level. So that's right. It counts.
6	It doesn't have to be a claim. It could be
7	either a claim or documentation in the medical
8	record, or documentation, wherever the health
9	plan might document that case management
LO	service. So I think what you suggested about
L1	the nurse, that would count.
L2	MEMBER TRANGLE: Okay. As long as
L3	it's documented in the EMR, it can be
L4	abstracted somehow.
L5	MS. HUDSON SCHOLLE: Right.
L6	MEMBER TRANGLE: Whether there's a
L7	billable provider or not.
L8	MS. HUDSON SCHOLLE: Right, right.
L9	So we're looking for the documentation or the
20	screening and the service, okay. So there's
21	not a requirement about who does it. The
22	second thing is it is intended to be wherever

1 it happens, right?

2.2

It could be in primary care or it could be in the behavioral health setting.

It's just to make sure that it actually is documented and addressed. The third question is about which, the CAGE or the audit or what actually counts.

so in the original measure that we're building on, anything counts essentially. The CAGE or the auditor both listed, as well as documenting frequency and amount of alcohol use. So it's basically documentation of any kind of alcohol use.

In terms of is this the right intervention for this population, I think this is something that our Committee struggled with, and again, this measure is mostly about trying to make sure people get on the pathway to treatment, okay.

So counseling and it's based on the SBIRT logic. But the panel felt very strongly that we needed to capture efforts to

connect people to peer support, peer-lead interventions, as well as other interventions. That's why this has been a constant criticism of our existing measures that look at initiation, engagement and treatment, and concern about that.

Because this is about connecting people to service rather than evaluating the completeness of their treatment, then that's why the panel felt like this measure of screening and making an active step towards follow-up, that that was a reasonable thing.

The issue is to have it documented in a record where it could be identified, and that was a strong recommendation from the consumer members of our panels.

MEMBER ZUN: So as I read the numerator, it says receive two events of counseling to identify alcohol abuse; is that correct? And so the problem I have with that is we know that many problem drinkers are recalcitrant to follow-up and treatment. But

1	then you're holding the plans accountable for
2	ensuring that the patient actually gets that.
3	So you know so from my
4	perspective, you know, you can lead them to
5	the paper but you can't make them drink. So
6	if we hold them accountable for leading to the
7	water, and not necessarily making them drink.
8	So we can't control them actually going to
9	those appointments or going to AA, or getting
10	any intervention.
11	The responsibility of the plans
12	are to make the referral, to connect them.
13	But whether they go or not, you know, how do
14	we enforce that with anyone?
15	MEMBER MILLER: I think this is an
16	incredibly important issue, the co-occurring
17	disorders. We were talking about it last
18	night while we were drinking wine, the work
19	I've done to really pull this together in
20	Arkansas, and we've done that to some extent.
21	My concern is, following up on
22	Raquel's question about the and at the CMHC

1	level, for instance, Medicaid in our state
2	does not pay for alcohol treatment. So even
3	if there is the screening, there's no
4	incentive to do it. There's no incentive to
5	do it because no one pays for it, and I'm sure
6	there are other plans like that as well.
7	Now in the future we will be,
8	hopefully starting in January, if the
9	legislature doesn't push that back. But I'm
LO	concerned about the operationalizing of this
L1	and the evidence that this really going to
L2	happen, and is there incentive to do it
L3	because there's no process for paying for it?
L <b>4</b>	I think that's an incredibly important
L5	consideration that we found already.
L6	MEMBER ROBINSON: Last question I
L7	can ask, I guess.
L8	CO-CHAIR BRISS: That's right.
L9	This is your last chance. Make it a good one.
20	MEMBER ROBINSON: I'm off the
21	island, okay. Okay. So obviously there's a
22	huge problem if the testing only revealed a

very small amount of screening that's going on, and there were substantial research done in the past that shows 60 to 70 percent of those individuals with SPMI that were hospitalized had some type of alcohol and/or drug use.

So we're definitely missing the boat with this. I'm just not clear, number one, several things. With this being a health plan measure, I agree with the gentleman down the table. Sorry, I can't see your name tag from here.

Okay, Larry, that this could be a very difficult measure for a health plan and would be more appropriate for a health system. Whether it's a facility inpatient, an ER or a primary care practice or outpatient behavioral health practice, primarily from the standpoint of you that -- and I say that from the standpoint of you, the direct motivation, if the way of being able to apply this is clear.

the table, that there's so much variation amongst the states as to how substance use disorders are paid for, that it really becomes real complicated to even implement, because of the barriers just from a benefit perspective.

about it. My question is is the counseling that can be counted, are there specific codes for this that would help differentiate the counseling from any type of psychotherapy that this population would naturally receive, and would this also require in the specifications the use of a diagnosis if there is a positive screen, because that's another issue that is problematic in this regard.

CO-CHAIR BRISS: So let's take a second and let you make some responses.

MS. HUDSON SCHOLLE: Okay. So the last question, does it require a diagnosis?

No, okay. There's nothing where we say that.

It's just a positive screen. So we're not looking at any diagnostic information. We're

really looking at the services codes and all of that could be billed in the medical --

I mean it could be described in the record or in the care management record, without actually providing a diagnosis of alcohol use disorder, right, because this is for unhealthy alcohol use, not -- maybe not reaching the disorder criterion.

The second question or previous question was about who's accountable? Where's the right level of accountability, and so, you know, in our experience, primary care providers hate measures like this, that require them to do things that -- where they are concerned about whether they have either the expertise on staff or a connection to the specialty services that their patients might need.

And in particular for this

population of people with serious mental

illness, what we're looking at is something

that actually should happen in behavioral

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

health. If it doesn't happen in behavioral health, you want it to happen in primary care. You want people to be thinking about the comorbid condition.

So that's why, in our view, having the health plan responsible says health plan, make it happen and make it happen wherever it makes sense within your network of providers.

So and I -- and we are cognizant of the challenges of the fragmentation of services for mental health, substance abuse and general medical care, and who pays for it where.

I can't -- we started with 50 plans that wanted to test these measures. We found three that were still able to test the measures, because we had -- we said you had to be responsible, and we went through a lot of states where the states carved things out, and we had plans willing to test it, particularly plans that were serving dual eligibles, where Medicare expects some things and then the Medicaid program might carve things out.

So if you think about this whole
suite of measures, they're really assuming or
arguing for coordination and integration of
care, and so in an so they assume, they
require the sharing of information across all
those diverse settings, and they put the
accountability at the health plan, because the
health plan may be paying for, you know,
multiple pieces of that.
It could be that the state is
really, and the state and Medicare and
commercial payors as well, that create this
kind of fragmentation, these measures, if they
want these measures, they're going to have to
think about well how do we make this happen?
So you know, just saying that
those systems don't talk and we're not
accountable, yes and people with SMI really

should be screened and get some follow-up if they have an alcohol problem.

CO-CHAIR BRISS: So if possible,

CO-CHAIR BRISS: So if possible,

I'd like to quickly come back up this way, and

then vote on the evidence, please. Okay,

Jeff.

MEMBER SUSMAN: So just a very brief comment, and mostly in reaction to Les. I think we've gone beyond being able to say oh, it's our job to lead the horse to water, but not to make them drink.

I think the developer captured that in her last remarks around, you know, at a health plan or at system level, I think we need to figure out ways to get the horses to drink.

It is our responsibility, and we used to say that about a lot of things that we've been able to make substantial improvement, progress on. So while we may do a really awful job now and have a single person, I think that is all the more reason to go down this path and support development in this arena, to provide the data and make it compelling, and to not only lead horses to water, but find ways to creatively get them to

1 drink.

CO-CHAIR BRISS: Michael. Stop drinking, yeah. Or substitute water for whatever else they want to drink perhaps.

MEMBER TRANGLE: So unlike Jesus, it's not going from water to wine. We're going to the other way. But I want to piggyback on that, in that as a system that's been doing this and trying to do this better, we do SBIRT in the hospital.

We do it at different places. You know, not perfectly obviously, but a lot of people, you know, it's not -- we're in a world where it's not a total closed system. We're not a Kaiser.

So especially in a CD, people go all over the places for where they're going to get their treatment or not, and to have a measure that ideally -- it would be ideal for this measure to span health plans and the joint commission, you know, so that in some sense, both could be requiring it.

But it's a way of compiling data,
so that everybody has to share their data and
kind of work together, to find out where
they're going and what's happening. If you
leave it splintered, you know, with the
hospital world not thinking about it, the plan
world thinking about it and whatever's going
on in primary care and behavioral health,
segmented off.

The more we could have these measures cross all systems, the more we're going to learn, the more we'll be forced to sort of improve what's happening for patients in a more coordinated way.

CO-CHAIR BRISS: So I hope we can go through Bob and Mady relatively quickly, and then try to get to a vote, please.

MEMBER ATKINS: So every one of our health plans, our business rules, if someone's positive for mental illness, we screen them for substance use. Because of all the things you talked about, clinically,

1 passionately I agree with you.

I think you have two measures

here, not one, and they have different kinds

of issues involved. I think there's a to what

extent do people get screened, which is a

really important question, and then do you do

something about it, and the something --

Because we have plan states that don't cover it, because it's program funded through the Department of Addiction Services. But then our care managers are supposed to coordinate outside of Medicaid to make it happen.

So I think I haven't read in this that you can capture effectively the work that's done for the second metric, which is have you done something to hook them up with the service, and if I have it in a progress note in my computer system, I'm not sure that the metric will very effectively pick that up. So I think it's two metrics.

CO-CHAIR BRISS: So that issue

1	might be that issue might be more about
2	reliability and validity than importance to
3	measure. So Mady, will you finish us up
4	please, and then let's go to a vote?
5	MEMBER CHALK: Okay. So while I
6	agree with Michael about the importance, I
7	still have to ask the same question I asked
8	before, which is does follow up for people on
9	Body Mass Index and screening, is pure support
10	good enough to count as counseling?
11	CO-CHAIR BRISS: So is the
12	question you're asking, Mady
13	MEMBER CHALK: Is it the same
14	standard that you're using for the alcohol and
15	SMI measure or not?
16	CO-CHAIR BRISS: So is the issue
17	that there's really not an obesity-related AA?
18	MEMBER CHALK: No, it doesn't have
19	well, there is as it turns out. There is
20	as it turns out. Overeaters Anonymous, and
21	it's across the United States, that group.
22	I want to know if that's adequate

1	care for somebody with serious mental illness,
2	and are you saying that for alcohol it is
3	adequate care, but it's not adequate for
4	people who are obese?
5	CO-CHAIR BRISS: So do you want to
6	make any other comments or extensions? Fine.
7	(Off mic comments.)
8	MS. HUDSON SCHOLLE: Our panel
9	recommended that we include it in this step,
10	because they felt like if four, that this
11	would that that is a reasonable follow-up
12	step for people with healthy alcohol use. Not
13	substance use disorder. We have a separate
14	measure that looks at the substance use
15	disorder and engagement and treatment.
16	MEMBER CHALK: Body mass index is
17	not a disorder. It doesn't show up.
18	CO-CHAIR BRISS: So let's this
19	has been a spirited discussion. Let's try
20	moving through the voting on importance to
21	measure and report please.
22	MS. BAL: Voting for evidence is

1	now open.
2	[VOTING.]
3	MS. BAL: We're only at 20 and we
4	need three more votes. If everyone could just
5	vote please?
6	Never mind then. All right. So
7	for evidence for 2599, we have high 7,
8	moderate 11, low 1, insufficient evidence 1
9	and sufficient evidence with exception 1. So
10	we'll go forward to gap, and do we want to
11	discuss or just start voting for all the
12	importance ones?
13	CO-CHAIR BRISS: Does any I
14	think we've likely talked about this already.
15	Does anybody feel an urgent need to say
16	anything else that hasn't been said?
17	(No response.)
18	CO-CHAIR BRISS: Hearing none,
19	let's move to a vote.
20	MS. BAL: Okay. Gap is now open.
21	[VOTING.]
22	MS. BAL: Okay. So for gap for

1	2599, we have high 17, moderate 3, low 1,
2	insufficient 0, and we'll move forward to high
3	priority. Voting is now open.
4	[VOTING.]
5	MS. BAL: Okay. The results for
6	high priority for 2599 is high 18, moderate 3,
7	low 0, insufficient 0. Now we can move
8	forward to scientific acceptability.
9	CO-CHAIR BRISS: So it seems to me
10	that we've opened many of these issues
11	already. Are there other comments on
12	reliability or validity that haven't already
13	been made that folks would like to address?
14	MS. HUDSON SCHOLLE: I just want
15	to clarify that this is set up as a what we
16	call hybrid measure, right, where we identify
17	the denominator from claims data, and then the
18	chart, the numerator can be identified either
19	from claims data or from medical records
20	review or other supplemental data that the
21	health plan has.
22	So the progress note discussion

1	documentation, right, would count or a nurse
2	in the clinic. But it has to happen twice.
3	So you can't just say we referred them to the
4	other clinic. It has to say "referred," and
5	then there's a visit to the clinic.
6	(Off mic comment.)
7	MS. HUDSON SCHOLLE: Would allow
8	it to the hybrid methodology would allow
9	the plan to review medical records.
LO	(Off mic comments.)
L1	MEMBER ATKINS: I'm not the expert
L2	at hybrid methodology, but I've always
L3	understood it means we send people out to
L <b>4</b>	providers, and look at their charts. I didn't
L5	know that we could do an internal review of
L6	our internal plan records as part of hybrid
L7	methodology. So maybe I just learned
L8	something. I just didn't know that.
L9	MS. HUDSON SCHOLLE: Trust me,
20	your plans know how to do this.
21	CO-CHAIR BRISS: So Mike.
22	MEMBER LARDIERI: I'm just

1	confused. So how do you document the peer,
2	because peers don't have a record?
3	MS. HUDSON SCHOLLE: It would have
4	to be documented in the record, saying not
5	that the person was referred to AA, but
6	"person reports that they are attending AA."
7	MEMBER LARDIERI: Oh, okay.
8	CO-CHAIR BRISS: So other comments
9	on reliability and validity?
10	(No response.)
11	CO-CHAIR BRISS: Let's move to
12	voting, please.
13	MS. BAL: Okay. Voting for
14	reliability is now open.
15	[VOTING.]
16	MS. BAL: So the final result is
17	high 0, moderate 12, low 8, insufficient 1 for
18	2599, and that will actually put us in the
19	gray zone, but we'll move forward, and voting
20	unless you want to speak further.
21	CO-CHAIR BRISS: And any final
22	arguments on validity before we vote?

1	(No response.)
2	CO-CHAIR BRISS: Hearing none.
3	MS. BAL: Okay. Voting for
4	validity is now open.
5	[VOTING.]
6	MS. BAL: So the result for
7	validity is 2599 is high 2, moderate 10, low
8	6, insufficient 3. So this will also be in
9	the gray zone. We can move forward to
10	discussion of feasibility.
11	CO-CHAIR BRISS: Any new issues on
12	feasibility that haven't already been raised?
13	(No response.)
14	CO-CHAIR BRISS: Hearing none,
15	let's move to voting please.
16	MS. BAL: Okay. So voting is now
17	open for feasibility for 2599.
18	[VOTING.]
19	MS. BAL: Okay. So the results
20	for feasibility for 2599 is high 1, moderate
21	11, low 8, insufficient 1, and it's also in
22	the gray zone, and we'll move forward to

1	usability and use.
2	CO-CHAIR BRISS: Any final
3	arguments on usability and use before we vote?
4	(No response.)
5	CO-CHAIR BRISS: Hearing none, I
6	think we can move to vote.
7	MS. BAL: The voting is now open.
8	[VOTING.]
9	MS. BAL: Okay. The results for
10	usability and use for 2599 is high 2, moderate
11	12, low 5, insufficient 2, and we'll actually
12	pass that criteria, and then we can do
13	overall, unless you would like further
14	discussion.
15	CO-CHAIR BRISS: And any closing
16	arguments before we talk about before we
17	vote on overall suitability?
18	(No response.)
19	CO-CHAIR BRISS: You do vote if
20	it's in the gray zone. You only completely
21	reject a measure if it's under 40, not if it's
22	gray.

1	MEMBER PATING: Just a question
2	about the process. So what does that mean
3	though? Did staff work on it or is there
4	improvements in reliability and validity or
5	how do you
6	CO-CHAIR BRISS: I think the quick
7	answer, the quick answer is in the spirit of
8	transparency for the stuff going forward, we
9	highlight more than usual this agreement. But
LO	it otherwise gets treated in much the same way
L1	as if we had fully approved it. Is that fair?
L <b>2</b>	MEMBER PATING: Because yesterday
L3	we had two that were actually I thought we
L <b>4</b>	voted up on, but then we're reporting out that
L5	they were gray zoned. There was one?
L6	CO-CHAIR BRISS: There was one.
L7	DR. BURSTIN: One from yesterday.
L8	Yes. So essentially it's just again, as Peter
L9	said, it's about transparency. These measures
20	will go out with a clear indication of which
21	criteria had gray zone or overall. So it just
22	invites comments specifically on the issues

1	you've already raised.
2	MEMBER PATING: If we vote up,
3	that means that we're letting it go through
4	then? There's no next process.
5	DR. BURSTIN: It will still be in
6	the report with gray zone for the criteria you
7	reported it as for gray zone, so people will
8	know you had specific issues in these
9	criteria.
10	CO-CHAIR BRISS: And recall that
11	there are other steps after ours. So this
12	flags areas where the Committee had more than
13	usual disagreements. So that people like the
14	CSAC and the member councils and the other
15	people that look at these measures and
16	consider them can know what our sticking
17	points were about the measure.
18	(Off mic comment.)
19	CO-CHAIR BRISS: So this will be
20	labeled as something like 50 shades of gray,
21	right, and so overall suitability. I think
22	we're probably ready to vote.

1	MS. BAL: Okay. Voting is now
2	open.
3	[VOTING.]
4	MS. BAL: There's one vote out
5	there somewhere. Oh, there we go. Okay. So
6	we have yes 13, no 8 for overall suitability
7	for 2599, and that is just passing for
8	endorsement.
9	CO-CHAIR BRISS: So thank you. I
10	think what we'll do next is we've got two more
11	measures to do before the lunch break. I'd
12	like to take a ten minute break. Please be
13	back in your chairs by right on 11:00 a.m.
14	We'll get restarted and we'll have two more
15	measures to do by noon. So we'll have to be
16	efficient after the break.
17	(Whereupon, the above-entitled
18	matter went off the record at 10:46 a.m. and
19	resumed at 10:57 a.m.)
20	CO-CHAIR BRISS: So the next
21	measure is the tobacco screening and follow-up
22	measure, and Susan, will you please kick us

1	off.
2	MS. HUDSON SCHOLLE: Sure. Okay.
3	So this measure, like the alcohol and the BMI
4	measure, this is looking at tobacco use
5	screening and follow-up. Again, it's adapted
6	from the provider level measure.
7	This one does follow-up for
8	tobacco use includes either medication or
9	counseling or both and two events. The two
10	events can be any of those.
11	I did want to emphasize, you know,

I did want to emphasize, you know, this measure, we do have good inter-rater reliability and trying to get this information from the records, and we see A, a gap in care and disparities, and certainly what we heard from our panel is that they -- in the stakeholder focus groups, people thought this was a truly important topic that ---- we asked them to prioritize things and they put this one very high.

CO-CHAIR BRISS: So the lead discussant for this one is Constance. No?

1	FEMALE PARTICIPANT: No, it's
2	Mady. No, I'm sorry Kraig Knudsen.
3	MEMBER KNUDSEN: I think it's me.
4	There's a conflict with the other individual.
5	So it's all about me. So in terms of
6	evidence, obviously there is plenty of
7	evidence on the harmful effects of tobacco
8	usage. Individuals with mental illness are
9	more likely than the general population to
10	smoke, 31 percent versus 21 percent.
11	Obviously that puts them at risk
12	of other conditions. Study assessing tobacco
13	use among individuals with substance abuse
14	treatment settings showed a prevalence of
15	smoking, around 77 and 94 percent. Obviously
16	tobacco use is related to poor health
17	outcomes.
18	In terms of work group comments on
19	evidence, the Committee agreed that it
20	examines a critical issue and is important.
21	However, it did stress the fact that evidence
22	indicates pharmacotherapy for smoking is most

effective when it is including counseling. So that's important.

Additionally they had concerns, specifically with the SMI population, that adding another medication may not be the best approach, and also that the definition of follow-up care for this measure did not require both pharmacotherapy and cessation counseling. So that's that with the evidence.

of --- this is very -- obviously, this is very conceptually related to the last measure, and so some of the issues will have been -- will likely have been raised. It's always hard to argue that tobacco screening and treatment isn't an important thing to do, right?

So are there -- I suspect we might be able to keep this discussion fairly brief.

Are there additional comments that folks would like to make about the importance to measure and report on this one? Raquel.

1	MEMBER MAZON JEFFERS: Could the
2	developer just address the issue of why you
3	made the measure pharmacotherapy or cessation
4	counseling and not both?
5	MEMBER SHEA: So actually we had
6	the specific issue is that in thinking
7	about the SMI population. So this measure is
8	for both the SMI population and AOD
9	population, and people were concerned about
10	requiring that people with SMI take another
11	medication.
12	And so they felt like allowing
13	medication or counseling to meet the measure
14	numerator was important to allow the patients
15	to have the choice of which approach.
16	CO-CHAIR BRISS: Any other any
17	other questions or comments on importance to
18	measure and report?
19	Hearing none, why don't we try to
20	move to voting, please.
21	MS. BAL: Okay. Voting is now
22	open for evidence for 2600.

1	Okay. So for evidence for 2600,
2	is high, 18. Moderate, two. Low, one.
3	Insufficient, zero. Insufficient with
4	exception, zero, and we can move forward to
5	gap, unless there's further discussion.
6	CO-CHAIR BRISS: So anybody want
7	to make further comments about a performance
8	gap?
9	MEMBER KNUDSEN: In terms of the
LO	workgroup comments and also what was
L1	presented, they did a study that showed 35.8
L2	percent of people with severe mental illness
L3	had tobacco use screening and appropriate
L <b>4</b>	follow-up, which I think is pretty alarming,
L5	and for alcohol and other drug dependence
L6	population, the field tests showed that 22
L7	percent had tobacco screening and appropriate
L8	follow-up, which I also think is absolutely
L9	alarming.
20	There's limited data on
21	disparities, and they were not able to assess
22	differences by race and ethnicity or language.

So that's it.
CO-CHAIR BRISS: So we have a vote
for absolutely alarming? Anybody like to
anybody like to it's a call and raise over
absolutely alarming. Hearing none, why don't
we try to move to vote.
MS. BAL: Okay. Voting is now
open for gap of 2600.
CO-CHAIR BRISS: And the truth is,
for the NQF staff, I think there needs to be
an actual category for absolutely alarming.
Could we suggest that as a methodologic
improvement?
MS. BAL: Okay. So the results
for gap for 2600 is high, 18. Moderate, one.
Low, zero. Insufficient, two, and we'll move
forward to high priority.
MEMBER KNUDSEN: Everybody thought
it was a high priority.
CO-CHAIR BRISS: Any further
comments? All right. Then we'll vote please.
MS. BAL: Okay. Voting is open

1	for high priority.
2	We're just waiting for one more
3	person. If you'll retry it please. So the
4	result for 2600 high priority is high, 16.
5	Moderate, four. Low, one. Insufficient,
6	zero, and we can move forward to the
7	discussion on scientific acceptability.
8	CO-CHAIR BRISS: So would you like
9	to tee it up for us?
LO	MEMBER KNUDSEN: All right. On
L1	this one, they did an inter-rater reliability
L2	test, and the final sample, it included I
L3	believe, let's see here, a few health plans.
L <b>4</b>	The final sample is 756 patients with SMI, and
L5	306 patients with AOD. High inter-rater
L6	reliability, and then in terms of validity,
L7	they did their face validity with an expert
L8	panel of 16 folks, group of 29 and public
L9	comment of 20, and it was found to be valid.
20	So the kappa was .75, and the
21	overall .57. So there were some other
22	comments on this. High rates of missing

records present, presented a challenge for the
generalizability of the population. Only
about a third of the patients had behavioral
health records available.

A Committee member expressed that the pediatric population should be included, rather than limiting the measure to those over 18, and the Committee challenged the limitation of the measure to outpatient settings, noting that much care is now delivered in acute settings. So that's what they talked about.

think this Committee's talked about this before. There's a general issue with tobacco measures in adults and kids. This kind of measure, where part of the specification is drug treatment, because there's sort of insufficient evidence to conclude on whether drug treatment for tobacco actually works in kids.

So any other comments on

Page 150

1	reliability before we move to a vote on this
2	one?
3	MS. BAL: Okay. Voting is now
4	open for reliability.
5	Okay. So we have for
6	reliability of 2600, we have high, six.
7	Moderate, 14. Low, one. Insufficient, zero,
8	and we can move forward to validity, unless
9	you guys would like to discuss more.
10	MEMBER KNUDSEN: I already
11	discussed what the any other comments?
12	CO-CHAIR BRISS: Any other
13	comments? No.
14	MS. BAL: Okay. Validity is now
15	open.
16	Okay. So the results for validity
17	for 2600 is high, five. Moderate, 14. Low,
18	three. Insufficient, zero, and we can move
19	forward to feasibility.
20	MEMBER KNUDSEN: Everybody thought
21	it was feasible.
22	CO-CHAIR BRISS: That was

1	admirable efficiency. Any other comments?
2	All right. Voting please.
3	MS. BAL: Okay. Voting is open
4	for feasibility.
5	Okay. The result for feasibility
6	is high, seven. Moderate, 12. Low, two, for
7	2600, and we can move forward to usability and
8	use.
9	MEMBER KNUDSEN: There were no
10	comments on usability.
11	CO-CHAIR BRISS: Okay. Would
12	anyone like to add a comment on usability?
13	Seeing no cards, let's vote.
14	MS. BAL: Okay. Voting for
15	usability and use is now open.
16	So the results for usability and
17	use for 2600 is high, six. Moderate, 14.
18	Low, one. Insufficient, zero, and we can move
19	forward to overall vote, unless there's
20	further discussion.
21	CO-CHAIR BRISS: Any closing
22	arguments? No. Let's vote, please.

1	MS. BAL: Okay. Voting is now
2	open.
3	CO-CHAIR BRISS: Oh, I'm sorry.
4	All right, I see your card. Dodi.
5	MS. BAL: Not open.
6	MEMBER KELLEHER: I just wanted
7	before we ended
8	CO-CHAIR BRISS: Please use your
9	mic.
10	MEMBER KELLEHER: Oh, microphone,
11	sorry. I've got it. I just wanted to
12	because this has come up with other phases as
13	well.
14	With an SMI population like this,
15	you really ought to consider, to increase your
16	validity, sampling from other than just
17	outpatient, because so many of that,
18	especially the Medicaid population, do get
19	screened and treated perhaps more reliably in
20	acute and subacute levels of care, such as
21	residential or, you know, subacute locked,
22	which are quite common.

1	So I think you need to go back and
2	look at that the next time around. That's all.
3	It's not really an argument for yes or no.
4	MS. HUDSON SCHOLLE: Okay. So
5	inpatient would not count, but I believe that
6	intensive outpatient would count like at the
7	intensive outpatient settings. No?
8	MEMBER KELLEHER: Okay, go for it.
9	MEMBER TRANGLE: I mean health
10	plans pay for inpatient, straight outpatient
11	or IOP services. But a lot of these patients
12	go to group homes. Some Borden Cares, ACT
13	teams, you know, a lot of their treatment,
14	including where they reside, is in a
15	psychosocial sphere versus the medical sphere.
16	That's where they're living, and
17	you can do a lot of really important key care
18	there that we've never thought of as a gap in
19	our conceptual continuum of care of who
20	owns it, you know.
21	MS. HUDSON SCHOLLE: So if the
22	health plan could track that that service

1	health plans typically do not look
2	MEMBER KELLEHER: No.
3	MS. HUDSON SCHOLLE: They don't
4	they typically don't look at care that's
5	provided inpatient, but those services that if
6	they're provided if the health plan can
7	produce the record that demonstrates that it's
8	done, this is a hybrid measure. If they could
9	find it, that it's happening there, it would
10	count.
11	MEMBER KELLEHER: You know, if
12	you're looking at if you're looking at
13	quote-unquote medical record or notes, for say
14	someone might be either for SMI or for
15	substance abuse, might be in a 30 day
16	treatment residential that's paid for by the
17	health plan, and they're much more likely to
18	be assessed and given interventions for things
19	like tobacco or alcohol or anything else.
20	I think you just might be missing
21	an opportunity there, that in the real setting
22	it's used

1	MS. HUDSON SCHOLLE: And I guess
2	what I'm saying is that if the health plan
3	could find that has been done and produce that
4	record, it would count in this measure,
5	because it is a the numerator is a
6	hybrid. It allows the plan to produce the
7	record from wherever it takes place.
8	So the issues, we would just need
9	to make it clear that it's not just the
10	primary care medical record that counts, that
11	they would provide it. So that's a guidance
12	we might be able to provide. Thank you. But
13	thanks for that clarification.
14	CO-CHAIR BRISS: Yeah. So I just
15	want to say that I think you could I think
16	that this is less about this measure today and
17	more about things that you can think about
18	going forward. So I don't actually think it
19	requires much of a back and forth. But
20	Michael, I'll let
21	MEMBER TRANGLE: I mean that
22	essentially was my point. It's not an NCQA

1	issue, because it varies widely according to
2	state law, whether health plans pay for this
3	or not. It's an NQF issue, if we're looking
4	at ourselves as an integrating function
5	between health plans, primary care, behavioral
6	health, hospitals, and this is an area that's
7	not covered by any of them, you know.
8	It's a CMS issue, almost. But it
9	does get paid for through public dollars, but
LO	maybe we haven't quite engaged with the right
L1	constituency to talk about it.
L2	CO-CHAIR BRISS: So any other
L3	comments on this measure before we vote?
L <b>4</b>	Hearing none.
L5	MS. BAL: Okay. Voting is now
L6	open.
L7	There you go. Okay. So the vote
L8	for overall suitability for 2600 is yes, 19,
L9	no, two, and this measure will be moved
20	forward for recommendation. Now we can move
21	forward to 2605.
22	MS. HUDSON SCHOLLE: Sure, okay.

1	This is my last one.
2	(Laughter.)
3	CO-CHAIR BRISS: We'll do our best
4	to make it particularly painful then.
5	MS. HUDSON SCHOLLE: Okay. So
6	this measure is really focused on trying to
7	encourage continuity of care for people who
8	are seen in the emergency department, either
9	for an alcohol or drug problem, or for a
LO	mental health problem.
L1	So this is not like the previous
L2	ones, where we've talked about a population of
L3	people with SMI or AOD dependence, right?
L <b>4</b>	This is about care, trying to improve
L5	continuity between emergency care and
L6	outpatient care.
L7	So it's actually modeled off an
L8	existing measure that looks at follow-up after
L9	hospitalization for mental illness. But in
20	this case what we've done is we've looked at
21	follow-up after an ED visit. So there are
22	actually four different rates in this measure.

1	Two of them apply to emergency
2	department visits for a mental health
3	diagnosis and for those, the two different
4	rates are they're looking at the
5	proportion of people seen in the emergency
6	department, with a primary diagnosis of mental
7	health, and did those people have a follow-up
8	visit within seven days that also has a
9	diagnosis of mental health, okay. So an
10	outpatient follow-up?
11	FEMALE PARTICIPANT: Primary
12	diagnosis.
13	MS. HUDSON SCHOLLE: A primary
14	diagnosis, right. So what we're trying to do
15	is see that if you're seen in the emergency
16	department for a mental health issue, that
17	there's follow-up for that mental health
18	issue. Unlike the follow-up after
19	hospitalization measure, if you're familiar
20	with that one, we don't have a requirement
21	that it has to be with the mental health
22	practitioner. It could be anywhere, as long

as the mental health diagnosis is addressed.

Likewise, we have two rates that are for people with alcohol -- who are seen for an alcohol or drug diagnosis in the emergency department. We're looking for primary diagnosis in the emergency department, and then looking for the follow-up to occur, either within seven days or 30 days on those rates.

So the reason we focused on this is because of the literature that shows the large proportion of people that are seen in the emergency department for mental health or substance use problems, and the lack of follow-up care that has been documented in the literature.

And because we believe that EDUs represents a failure of access to care, and an opportunity to try to intervene and connect people to care. So we've tested this measure. Unlike the other measures we used, this is a claims-based measure only. So we're looking

1	at claims data. We tested it using the
2	Medicaid analytic extract, which is a claims
3	database that represents a number of states,
4	and allows us to look at patterns across
5	states.
6	We saw wide variation across
7	states. This Medicaid database is primarily
8	fee-for-service. There are the data that's
9	on managed care plan enrollees is less
LO	reliable.
L1	In general, we had strong support
L2	from stakeholders through our focus group,
L3	public comment and our advisory panel,
L <b>4</b>	supporting that this measure's important, and
L5	encouraging the use of this measure.
L6	CO-CHAIR BRISS: Terrific, thanks.
L7	Les, can you walk us through?
L8	MEMBER ZUN: With or without bias?
L9	(Laughter.)
20	MEMBER ZUN: So okay. So let me
21	make a couple of preliminary comments, and
22	then I'll give my or the Committee's

1	critique. I should be on. So yes, this is a
2	measure looking at really four rates. So when
3	they present to the emergency department with
4	one of three diagnoses primary diagnosis
5	mental health, alcohol or drug dependency, so
6	one of those three, that they get not that
7	they get, but they actually follow-up seven
8	days and 30 days after the index visit, which
9	would be the ED visit, to any provider.
10	Was I clear about any provider,
11	so all those other services aren't part of
12	that, like AA, et cetera, et cetera. So can
13	I now give my bias?
14	CO-CHAIR BRISS: As long as it's
15	fully disclosed.
16	MEMBER ZUN: Oh, all right. So
17	here as far as I'm concerned, the
18	motivation and desire to get these people in
19	follow-up is meritorious, but this measure
20	does not provide for that for we'll say
21	four reasons. So one is they have to have a
22	diagnosis of mental health, alcohol or drug

dependence.

2.2

In the emergency department, we do pretty good about mental health diagnoses, but we don't make a diagnosis of alcohol or drug dependency. Now that's a whole another issue about whether we should be doing that, but that's not frequently -- that's not a frequent diagnosis that's given, and we don't go through the screening or diagnostic tools to do that, and maybe one day we will.

So that's issue one. Issue two is resources. Whether they're Medicaid fee-for-service or, you know, they're going to be in a Medicaid HMO, many communities don't have resources for mental health, alcohol and drug dependence, and if they do, it could be months until they get -- until they're able to get into a treatment facility as an outpatient or inpatient or anything.

So that's a little problematic in some communities. So as far as I'm concerned, it's very hard to hold the emergency

department accountable for resources that may or may not be available in that community, and we know there are many communities that don't even have any psychiatric services, let alone substance abuse and alcohol services. So that was the second.

The third is I believe this is displaced responsibility. The responsibility should be on the health plan, should be on the HMO, should be on Medicaid services to get their folks into treatment, not the emergency -- the emergency department has nothing to do with connecting -- you know, we just make the referral, and sometimes we don't even make the right referral because sometimes we don't know what their coverage is, which kind of leads to my next problem is, you know, some say they're on Medicaid, some aren't on Medicaid.

We don't know. We don't verify

it. The EMTALA requires us to see every

patient in the emergency department and do at

least a medical screening exam. It doesn't

1	say that we need to confirm their insurance
2	status and ensure that they're Medicaid
3	covered, and if they're Medicaid covered, that
4	we provided these services.
5	So now we have a differential of
6	care between Medicaid-covered patients and

care between Medicaid-covered patients and other patients. So that's the fourth problem, and then the fifth problem I had was -- I couldn't find in any of the stakeholders or in any of the people who developed the tool were emergency physicians or emergency medicine specialty organizations were represented.

Then the sixth -- is that too many? Can I give a sixth one?

CO-CHAIR BRISS: You can have a sixth.

MEMBER ZUN: If we look at the validity testing, they state, while empiric testing did not support our hypothesis, stakeholders generally supported the face validity. Well -- but if you look who the stakeholders are, the stakeholders weren't the

1	folks in the emergency department. They were
2	I don't, you know, they were outside the
3	emergency department.
4	So I'm a little concerned about
5	even their own statement about validity. So
6	I would so my bottom line is I would
7	suggest that they rework this and look at
8	referrals from the emergency department for
9	Medicaid recipients, and not, per se, that the
10	patient actually followed up in the prescribed
11	number of days. Thank you.
12	CO-CHAIR BRISS: Thank you. Yes.
13	So thank you for to the Senator from
14	Emergency Medicine.
15	(Laughter.)
16	CO-CHAIR BRISS: Do you want to
17	MS. HUDSON SCHOLLE: I would just
18	clarify a couple of clarifications. This
19	is a plan level measure. So it is not holding
20	the emergency department accountable. It's
21	actually holding the health plan, or the
22	state, accountable for this connection

1 happening.

2.2

Now the health plans don't like having this accountability either because they say, how are we going to know somebody? But there are ways that they can make that possible, to make that connection happen, and if there's a lack of services available then that's part of their responsibility.

This is a measure that is based on claims-only, and the benefit -- the plan would be responsible for the benefit, for the mental health benefit. So they're responsible for making sure that their services are available ---- that they have a network of services available.

And when we get to the validity, I can ---- we presented the validity data. You want to hold that one? Yeah.

CO-CHAIR BRISS: So maybe since

Harold saved me for last when we last

commented all open -- so I'm going to take off

my Chair hat for a second -- and so, as has

1	been said by others this morning already, I
2	think you have to take your own temperature on
3	how you feel about the leading a horse to
4	water and encouraging him to drink issue.
5	I agree. As has been said
6	previously today, I think we're past the point
7	where, you know there was an old Tom
8	Lehrer song where he quoted Wernher von Braun,
9	or he allegedly quoted Wernher von Braun about
10	I shoot missiles up, who knows where they
11	come down? That's not my department, said
12	Wernher von Braun.
13	So I actually think we're past the
14	Wernher von Braun stage of the world, and
15	we're at least partly responsible for whether
16	people get what they're supposed to get and
17	whether they get better as a result.
18	I was also going to comment on
19	that this is a plan level measure. It's not
20	really holding the ER specifically
21	accountable. So I'll just go around, Mady.
22	MEMBER CHALK: I didn't notice

what the data were on diagnoses of alcohol in the ER because we know specifically that, in at least half of the states, law still exists to create a disincentive for emergency rooms -- emergency departments to diagnose alcohol because they can't get paid for any resulting conditions that are related to the alcohol.

So that being the case, and it is the case, I wonder how that affects all the rest of the data you're going to collect, or how this measure's going to perform, given that in half of the states and maybe in every state for other reasons, they're not going to diagnose alcohol and drug dependence. Nice to include it, but --

CO-CHAIR BRISS: And I think we know that for many measures, including this one, that the problem -- whatever problem you're trying to solve is going to be -- is going to be under-ascertained to a greater or lesser degree. So it's likely that there's going to be some under-ascertainment of mental

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

1 health issues and likely a larger under-2 ascertainment of alcohol and drug problems. That doesn't mean that the focus 3 4 of the measure, which is coordination of care 5 for the people that you do know about, is a 6 bad thing to do. 7 MS. HUDSON SCHOLLE: And just to ---- maybe we're really interested to 8 9 understand this phenomenon that you've 10 described. We actually found people with 11 these diagnoses, and if you look at the data 12 in the testing report, it's in there. 13 So we do see variations across the 14 states, and it's smaller generally than the 15 mental illness -- the people with the mental 16 illness diagnosis. But it's present and in 17 the Medicaid data that we looked at, and this 18 was not something we heard from others. 19 The AOD rate would also MS. LIU: 20 require the chemical dependence benefit. 21 if plan's responsible for the benefit, then 2.2 they should pay for the services.

1	CO-CHAIR BRISS: Raquel.
2	MEMBER MAZON JEFFERS: I had, I
3	think, two questions about two exclusions and
4	a question about an inclusion. So pertinent
5	to the conversation that Dodi started earlier,
6	I actually think in this particular situation,
7	it's even more relevant.
8	So someone being referred so
9	excluded from the numerator are individuals
10	who have been transferred to subacute
11	residential treatment, and for an individual
12	with an alcohol use disorder that appeared in
13	that showed up in the ED, in many cases the
14	most appropriate referral for them is to a
15	subacute residential detox program in the
16	community.
17	So I'm not really sure why they're
18	excluded from the numerator, and it does
19	explicitly say that only outpatient and

intensive outpatient seven day visits are

Very often the first place you want to

possible. It's actually also true for SMI.

20

21

transfer someone who showed up in your emergency department is a short-term treatment facility for SMI, if they are in fact rising to that level of care.

So that was one question about an exclusion from the numerator. Also the measure excludes from the denominator anybody with a secondary or tertiary diagnosis of substance use or mental illness.

so very, very often, people appearing in the emergency room show up because of a trauma injury, and the first diagnosis is related directly to the trauma and the second diagnosis is related to their behavioral health condition.

So very frequently the emergency department coding is in the secondary and tertiary diagnosis for the behavioral health condition. The third question I had is about an inclusion. So included as appropriate care in the community, seven days out and 30 days out is a referral to targeted -- is actually

1 an engagement with targeted case management. 2 As far as I understand, targeted case management is a linkage service. 3 4 explicitly not, by Medicaid standards, a 5 treatment service. So I'm not really sure why 6 that is counted as a referral to treatment, 7 because it's not -- technically, it's not actually a treatment service. 8 CO-CHAIR BRISS: So let's hold the 9 10 response to that a second, because most of 11 that is sort of about measure specs and 12 reliability and validity, and I'd like us to 13 finish on importance to measure first, if 14 that's okay. 15 MEMBER GOLDSTEIN GRUMET: 16

MEMBER GOLDSTEIN GRUMET: So one question that maybe the ED docs can answer, if somebody comes in for suicide or self harm, and it's just thoughts, are they going to get coded if there's no diagnosis necessarily?

I mean I don't -- if not, one of the concerns I would have is that somebody who comes in on suicide, it's not a lesson. It's

17

18

19

20

21

impulsive. It's a relationship issue. It's a middle-aged man and had some change in his life -- that potentially some of these cases would not have a mental health diagnosis and need to be followed up.

Second, when people with suicide are referred, we know that a really strong linkage is a crisis line. There's been some good research that shows that that reduces readmission rates, and oftentimes crisis lines can't -- they don't all bill for those services. Some do and some don't.

But in many cases, it can be a really viable source, to keep the person out of the hospital and to keep them safe. And so I just wonder as well, if that's an additional resource that people are using in some cases and it's not going to show up necessarily in billing.

It doesn't mean that the hospital didn't necessarily take on the burden of making what is a good linkage.

1	CO-CHAIR BRISS: Maybe still
2	another more about specs and reliability
3	and that kind of stuff. So why don't we hold
4	that one too and try to finish on importance
5	to measure and report. Mike.
6	MEMBER LARDIERI: Yeah. I just
7	had a question. I should have asked it with
8	the other ones too. But with a full range of
9	telemedicine, does that count as a visit. And
10	then, as very shortly we're going to be able
11	to communicate, you know, from my home to my
12	provider, and that will be counted for a CMS
13	visit. So will those things be counted as a
14	visit?
15	CO-CHAIR BRISS: So the whole
16	series of spec questions. I'm going to try to
17	hold them a little bit longer. Can we try to
18	finish on importance, please? You okay.
19	David.
20	MEMBER ROBINSON: I got my sign
21	back, so I can ask a question. Okay. So this
22	area's really an area that is a systems

1 problem. Patients who show up in the ER and 2 who have a mental health diagnosis, when you look at the stats, and there is a HCUP study 3 4 that was done about four years ago ---- shows 5 that more than 70 percent end up being 6 hospitalized. 7 By the nature of the ER, the way it's set up, the limitations of what can be 8 9 done in an ER, and -- I'll just say, the

it's set up, the limitations of what can be done in an ER, and -- I'll just say, the liability of releasing someone with a mental health diagnosis and no setup -- no secured setup or follow-up. So I would think this measure could help in some way ease the concern of the ER docs in that way.

I also see it as a systems issue.

So I do believe it's a health plan issue, and so I agree with that from that perspective.

I do have some questions about the definition of emergency department.

Since in the mental health world there are many different kinds of crisis intervention-type services, and some of them

10

11

12

13

14

15

16

17

18

19

20

21

are very well advertised in certain states and communities, where patients will show up there as opposed to emergency room.

So my question is whether or not your specifications -- I'm sorry this is a specification question, whether or not your definition of emergency department is that a classic emergency department type, or does it include some of these other types of services ---- could be included?

is I see it as exceptionally important, and it's exceptionally important because, as I mentioned before, people are over-hospitalized and put in LOC units, and when you talk to consumers, it's an issue that is high on their list, where they're inadequately serviced in the ER because of the structure, the way it's set up, and are not necessarily referred to these other crisis-type services, which health plans try to make those connections between the classic ER and these emergency services.

1	And frankly, we could use a lot of
2	help in terms of really pushing that as a
3	mechanism that comes under the ER, as opposed
4	to hospitalization. So this is exceptionally
5	important from a consumer protection advocacy
6	perspective.
7	CO-CHAIR BRISS: So I'm going to

continue to try to keep tabling the spec questions until we get to specs.

MEMBER PATING: All right. So I have several others, but I think it relates to -- I'm concerned with the logic model, which I think is Evidence 1A. So I think in the logic as we want to get ED -- we want to link them, right, to services, whether it's primary care or other things in your other various measures.

This is obviously linking to mental health/substance abuse. historically in the last session, we looked at Joint Commission measures, which tried to do this linkage from the hospital, and I think we

8

9

10

11

12

13

14

15

16

17

18

19

20

21

found linkage from the acute care setting is just intrinsically difficult.

I will tell you, particularly in parts of California and I imagine in many states that are more rural, I have areas of California where the ED is 120 to 200 miles away from the county where the person is referred.

We have these rural parts of our state which have 1,000 people in them. They have to go -- if they have a psychotic episode, they have an emergency room ride for 100 miles to the ED. They get better and they go back on the emergency room ride, and they don't even live where they came from, because it's rural.

The idea of this linkage, it's a very hard concept, which I guess when I looked at how you're measuring the linkage, I think claims data is just like the worst way to do this. First of all, claims data is really inaccurate when you're looking at what comes

out of the ER and where people are going.

The biggest thing I have about the claims data, particularly when you're looking at these seven days windows, it's too quick in order to do quality improvement. You're giving people seven days from some sort of diagnosis.

There's no chance for a system to like correct itself based on these claims, because they're always retroactive billing, and you're always kind of looking in the rear view mirror.

I would worry that if you're trying to drive a system that wants to build linkage, we're always looking in a rearview window of data from three years ago -- because the HEDIS cycle is one year, based on the data two years ago, and that we're not going to really drive the system.

So that there's a fundamentally kind of logic flaw, and this being the way --- the indicator, to make these linkage in a

1 system that is very fragmented. I think you 2 need to design something that's much more real time, with a much more realistic sense of how 3 4 people get into ERs and out of ERs. So that's 5 just my thought. 6 CO-CHAIR BRISS: So I think I 7 agree, that that's -- that that has to do with

agree, that that's -- that that has to do with the fundamental logic of the measure. Do you want to comment or respond?

MS. HUDSON SCHOLLE: So I try to think about this like the way Medicare has thought about how they're trying to disincentivize readmissions. It seems to me that a health plan is accountable for making sure that people who -- get access to the services that they need.

If they're responsible for the mental health benefit or the chemical dependency benefit, and they're paying for the ED visit. So ---- and if they want to avoid paying for more ED visits and making sure that their people get into appropriate care.

8

9

10

11

12

13

14

15

16

17

18

19

20

21

So then the question in my mind is
how does the health plan work with the
emergency department that it is paying and the
chemical dependency services for the primary
care providers that it's paying, to try to
make those things happen?

What's happening on the primary care side is by using medical homes, they're using ---- working to help -- health plans can help to encourage hospitals to notify medical homes that their patients are being seen in the emergency department.

Can they do that in a special way for people with mental health and make that a priority and connect -- so that where people are going for the emergency department visit, it happens before they leave the hospital, not based on data that comes to the health plan, you know, a month later after the visit.

So I agree with you. It has to be proactive. But the responsibility of getting somebody from the emergency department, where

alcohol or mental illness is their primary reason for that visit, to getting them into care, that does have to be proactive, prospective, based in the ED, and the health plan's paying for both pieces of it.

So I believe there are ways that they can help their network of providers work together. It's not easy, but that's the tool.

Making the emergency department responsible for that doesn't seem reasonable, as Leslie has suggested.

Making the primary care provider who doesn't know, or the mental health provider who doesn't know, responsible also doesn't seem reasonable.

It's the place that's paying for both sets of care that ---- what our measure is kind of arguing, that's where the level of accountability is and that's where the systems for communicating and sharing information should -- the accountability for developing those systems should occur.

1	MEMBER PATING: And I'm just
2	saying, I don't think this is the measure
3	that's going to drive the system change at the
4	level that you're wanting it, because it's too
5	distant, too late, too remote and it's just
6	not in the logic cycle of what happens in
7	emergency rooms.
8	CO-CHAIR BRISS: Thank you,
9	although it seems to me that almost any
10	measure for public reporting or pay for
11	performance is going to be if you expect it
12	by itself to move the system, it's almost
13	never going to do that, because they're all
14	too late and too infrequent, right?
15	So what these measures are kind of
16	doing are highlighting important issues, and
17	if you really wanted to do quality
18	improvement, you'd have to be building other
19	systems to sort of complement the measures,
20	right. So Larry?
21	MEMBER MILLER: I had a quick
22	comment and a quicker question, and Susan

actually addressed my comment about behavioral health homes. I think that's an excellent place for them to deal with emergency rooms, and actually we have a metric in our system that deals with that in terms of the number of folks who are seen within a certain length of time.

My question has to do with why seven and 30 days? I mean if you really want to see them and have them seen, and this is a problem, they should be seen within seven days. You give a system 30 days, they'll take the 30 days. I really think that this is a concern for my part.

MS. HUDSON SCHOLLE: So we had a lot of -- so we basically followed the existing measure for hospitalization, follow-up after hospitalization of seven and 30 days, just to be -- make it easy to program frankly.

But I think there were concerns actually about the seven days, is that too short? The 30 days allows us to see whether

plans are able to make it up. So that's where the logic came from.

MEMBER MILLER: Putting my hat on as a clinician, I think that's just -- and an administrator in the system, I think it's just too long, because what happens, people get readmitted. They might get lost in follow-up. So I think it's, you know, an issue again.

MEMBER ZUN: Just a few more comments. So first of all, I can envision a scenario where the information about the compliance with this measure being out there in the public, and a hospital administrator saying, oh, you guys in the ED only referred ten percent of those with mental health and substance use and -- or ten percent of the patients you saw in your ED actually followed up in seven days and 30 days.

Although you might be well-meaning in having the health plans and the providers be responsible, I've got to tell you that it's going to come back to haunt me as a provider,

1 because this data gets out in the public 2 domain and the rest is history. So that's 3 number one. Number two item is there's about 4 5 145 psychiatric emergency services in the 6 United States. Is that considered an 7 emergency department visit, or is it not? Some 8 are free-standing, so a psych patient may go 9 to a PES. Some are next to an ED and go to 10 the ED and then they go into the PES. 11 that's a question.

Third is what do we do about that patient that boards in the ED for a week, waiting for an inpatient bed and finally we decide that they're well enough to send them home? So they've already hit the wall as far as they're supposed to be getting an outpatient visit, but in the meantime, they're waiting.

There was actually a study done in California, where I think it was 20-some percent of the ED directors say they have

12

13

14

15

16

17

18

19

20

21

psych patients waiting in their EDs for over a week to get an inpatient bed. I'm sure I can give it to -- I'm sure David is familiar with those problems.

Then lastly, I wanted to comment a little bit more about the claims data, because we know that the claims data doesn't always accurately reflect what the patient was seen for in the emergency department. It may be based on what the best billable rate may be or those kind of things.

So the claims data is somewhat suspect for that, and we may actually -- I think some EDs might not put a substance abuse or mental health issue on there because the question of reimbursement or payment ---- like a trauma patient.

If you put down on a trauma patient's chart that the patient has a substance abuse problem, then we don't get paid for their services.

So I'm not sure we can fix the

1	whole system, but it's a much bigger problem
2	overall than just, you know, being addressed
3	in the measure. Thank you.
4	CO-CHAIR BRISS: So we're
5	continuing to get a lot of questions about
6	what counts as an emergency department, what
7	counts as a service, those kind of things, and
8	I really want to push those into the next
9	discussion of reliability and validity.
10	So I think I have Julie, is
11	your card still up? So I think we're out of
12	cards for importance to measure and report,
13	and I'd like to try moving us to voting and
14	see how that goes.
15	MS. BAL: Okay. Voting is now
16	open for evidence for 2605. Now it's open.
17	My mistake.
18	[VOTING.]
19	MS. BAL: Okay. So the results
20	for evidence for 2605 is high 9, moderate 9,
21	low 4, insufficient 0, insufficient with
22	exception, 0 and we can move forward to gap?

1	I'm assuming we can vote now? Yes. Okay.
2	Voting is now open for gap.
3	[VOTING.]
4	MS. BAL: Okay. So the results
5	for gap for 2605 is high 17, moderate 5, low
6	0, insufficient 0. And now we can vote on
7	high reliability. I'm sorry, high priority.
8	[VOTING.]
9	MS. BAL: Okay. The results for
LO	high priority for 2605 is high 14, moderate 6,
L1	low 1, insufficient 1, and now we can move
L2	forward to scientific acceptability, as
L3	everyone wanted to talk about.
L <b>4</b>	CO-CHAIR BRISS: Clearly, we have
L5	lots of questions that have been coming around
L6	about the specifications and the reliability.
L7	So at a minimum, there are lots of questions
L8	that are about what counts as an ER and
L9	there's a lot of questions about what counts
20	as a service, and there are lots of questions
21	about how much of all of that stuff can we get
22	out of claims data. So can you open this up

1 for us?

2.2

MS. HUDSON SCHOLLE: Sure, okay.

So first, let's talk about the denominator,
which is looking for -- what we're looking for
is a particular kind of facility with a

particular kind of billing code. And so the
specifications that -- we used specifications
from HEDIS, from how we define what an ED

visit is, and so it's the facility plus the
code.

I believe that the -- so if the psychiatric facility, if these special psychiatric ED facilities are using those codes, then they would show up in the claims data. There were questions about the exclusions.

So the way this measure works is people that are directly admitted to an inpatient or facility. So this is really for people who are discharged home, right? These are people who aren't discharged to an inpatient or residential setting.

If they are, if that happens, then they get excluded. From the denominator, right. They're not in the measure. This is looking at people that get discharged home.

So those people that are sitting in an ER and then go -- and waiting for that inpatient bed, they'll go -- they're not in this denominator if they go directly to that inpatient setting, if they go outpatient.

We start the clock at the point where they go outpatient. So this isn't going to deal with those problems.

I'm sorry, the inpatient? If they go -- many detox facilities are subacute residential detox. It would be a discharge from the hospital ER into the subacute service. That would be included as follow-up, then, okay. So if they -- the plan has to be responsible for the chemical dependency visit. So as long as the detox was in there, that would count as a -- that would count to the numerator, right?

1	So if they're discharged home and
2	then they go to detox, then that would count.
3	CO-CHAIR BRISS: I think the
4	question is if they're discharged straight to
5	detox.
6	MEMBER MAZON JEFFERS: I think
7	there's some confusion.
8	MS. HUDSON SCHOLLE: If it's an
9	inpatient or residential setting, then they're
10	out of it, because this is only people that
11	are discharged to the community.
12	MEMBER ROBINSON: Right. This is
13	a system measurement. So you're saying if the
14	system from the ER gets the person to the
15	residential, which they're going to get there
16	by transportation that is guarded, then it
17	doesn't count here.
18	What you're really looking at are
19	the people who actually go home and have to
20	show up some place after that.
21	MS. HUDSON SCHOLLE: That's right.
22	Thank you, Rhonda.

1	MEMBER ROBINSON: So an ambulatory
2	detox would work, but not an inpatient-based
3	detox or subacute detox.
4	CO-CHAIR BRISS: Do you have a
5	follow-up on this point?
6	MEMBER MAZON JEFFERS: I think the
7	numerator clearly says I'm sorry. I think
8	the numerator clearly says that the visit has
9	to be outpatient, an outpatient visit,
LO	intensive outpatient encounter or partial
L1	hospitalization. That's what it says.
L2	So then it would mean that these
L3	other community providers that we were talking
L <b>4</b>	about earlier, that are part of the ACM
L5	continuum of care for people with substance
L6	use disorders that are community. It wouldn't
L7	be a direct transfer. It's not considered a
L8	hospitalization.
L9	There are subacute residential
20	treatment programs that are community
21	providers, that may not be paid for by a
22	health plan or by Medicaid, but are still very

1	appropriate next steps for the individual who
2	left the ED to be referred to.
3	MEMBER SHEA: So this is for
4	this is a health plan measure. So if those
5	services are paid for by the health plan, then
6	the health plan's going to capture them? Is
7	that what you're saying? It's not now.
8	MEMBER ROBINSON: No. I think the
9	question is when you're talking about
10	community-based services, let's talk about
11	like three quarter houses. Is that what
12	you're talking about?
13	MEMBER MAZON JEFFERS: Any
14	residential substance abuse treatment program.
15	MEMBER ROBINSON: Residential
16	implies that the person lives there at night.
17	There's a room and board, and that would be
18	excluded from this measure.
19	MEMBER MAZON JEFFERS: Exactly.
20	MEMBER ROBINSON: What she's
21	trying to measure is the strength of the
22	system, to get the person to come from home

1	and to follow-up after an ED visit. Going to
2	a residential, they're living there. They are
3	room and board there. That's the issue.
4	MEMBER MAZON JEFFERS: So
5	nonetheless, it's an so the person would
6	come from home. They would leave the ED.
7	They would go home, and then they would go to
8	a residential treatment facility, depending
9	upon their level of severity of their
10	substance use disorder, and it would be a very
11	appropriate step in the continuum of care for
12	them.
13	So rather than qualifying to be in
14	intensive outpatient care, the person's
15	substance abuse disorder might be severe
16	enough that they require a more controlled
17	recovery environment.
18	MEMBER MARK: And I think the
19	specification issue is that a lot of times
20	those residential will be carried as
21	inpatient. So if you're only counting
22	outpatient as follow-up, you wouldn't be

1 capturing them. So can you just clarify if 2 inpatient follow-up is captured? 3 MS. HUDSON SCHOLLE: Actually, and people that get admitted within that time 4 5 frame, within that next 30 days. So if they 6 got admitted, they would also be excluded, 7 because we're looking for the outpatient care 8 for people that remained in the outpatient 9 setting. 10 So I think they're either -- I 11 believe that the description that you have, 12 I'm pretty -- I know that it is -- it's an 13 exclusion, because we think if they're 14 connected and they get into that inpatient or 15 that residential setting, even if it's not direct transfer but it's transfer within this 16 17 time frame, this time window, then they're 18 excluded from the denominator. 19 We're really trying to focus on 20 people that go to the community and are

and so let me just continue down some of the

expected to get care in the community.

21

1	other questions that were raised.
2	Would crisis services count? Yes.
3	Mobile unit services are in our codes.
4	Telemedicine.
5	We are working on the telemedicine
6	code. CMS has just introduced a series of
7	telemedicine codes that don't are not
8	included here, but it's one of our projects at
9	NCQA to actually update all of our codings,
LO	all of our measures that require visits to
L1	include telemedicine. So we're working on
L2	that. It's not represented yet.
L3	We focused on primary so for
L <b>4</b>	the numerator, okay, and the denominator. For
L5	the denominator, we're looking for people with
L6	a primary diagnosis. We had a lot of
L7	discussion with our stakeholder groups and our
L8	advisors about should we include a diagnosis
L9	of mental illness or alcohol or drug
20	dependence that occurs anywhere on the claim,
21	or should we look for primary?
22	Well, that actually got into the

problem of how quickly should you require? So if it's a primary diagnosis that is putting them in the emergency room, then requiring that there be a follow-up within seven days or within 30 days with that same diagnosis or that, you know, mental health diagnosis if it was a mental health visit, that seems like a reasonable requirement for the health plan, to make sure that that visit happens.

There were concerns that if we said a secondary diagnosis, that you wouldn't know whether that was really precipitating the event and that they weren't in care. So that's why -- that's why we stuck with primary. We felt like if you said primary, then it was a lot easier to say and you have to have a visit within seven days or within 30 days.

So that's why we've combined those. Others thought that it would -- requiring such follow-up in that time frame might not be warranted.

1	So and in terms of suicide, this
2	is based on diagnosis. So if they put
3	suicide, then they'd have to use a mental
4	illness diagnosis for this to count, okay.
5	CO-CHAIR BRISS: Let's go to David
6	and then David.
7	Let's see if we can finish
8	reliability first, I think, because clearly
9	there are some complicated issues being
10	raised, and I think that it's hard enough to
11	deal with one issue at a time. So David.
12	MEMBER EINZIG: So I think I'm
13	putting this in the right place with the
14	reliability.
15	(Laughter.)
16	MEMBER EINZIG: I'm having a lot
17	of trouble with this concept of making it
18	happen, making the patients go to their
19	follow-up visits. So I like analogies. I'm
20	thinking of, you know, making my kid eat
21	spinach, right, because spinach is good for
22	the kid.

1	MEMBER PATING: It's seven days.
2	I doubt that he'd eat it.
3	MEMBER EINZIG: Yeah, right. Like
4	that's going to Mike, you don't know my
5	kid.
6	CO-CHAIR BRISS: I think admitting
7	parenting limitations is a slippery slope that
8	I don't want to start down.
9	(Laughter.)
LO	MEMBER EINZIG: But so the horse
L1	and cart concept maybe is backwards. I mean
L2	maybe the system should be the horse and the
L3	patient is the water. I mean if we want to
L4	make this happen, then let's go to the
L5	patient's home, right? I mean otherwise gas
L6	in a cop car or a limousine or something, and
L7	transport the patient.
L8	It's just that I have trouble
L9	using this as a quality measure, when control
20	in this sense I think is a myth. You can
21	influence behavior, but I don't think that you
22	can control the behavior.

1	CO-CHAIR BRISS: Mady.
2	MEMBER CHALK: Question. Am I
3	correct that you said that this is only in
4	reference to patients who are going to be
5	followed in the community, so that the most
6	seriously ill patients are excluded from this,
7	who need some kind of other level of care are
8	excluded?
9	MS. HUDSON SCHOLLE: So basically
10	they get excluded because they get the care,
11	right? So the ones that are sick enough
12	okay. If they get okay, so let me so if
13	people are seen in the ED, and they either are
14	transferred to an inpatient or residential
15	setting at that time, through a direct
16	transfer, or within the 30 day follow-up
17	period, right, then they've gotten transferred
18	to intensive care, right?
19	If they are not, okay, so they get
20	excluded. So what we're trying to look at are
21	the people that don't get to that that

don't have that intensive need and get into

1 that intensive setting quickly.

2.2

We're looking at the people that are remaining, the ones that appear to be discharged to community and not getting follow-up, and we're looking to see are they getting follow-up, but they're not going to the intensive setting.

MS. LIU: Yes. Just to add to that, you know, the exclusion is about patient who were directly transferred into the inpatient or residential setting right after the hospitalization, or they got readmitted, which then started a follow-up period into a residential or inpatient setting.

So they were getting care there. Therefore, we exclude them from this measure and health plans are not penalized for those patients, because those are excluded from the denominator. So that's the focus of this measure, is who are discharged in the community and need follow-up care.

CO-CHAIR BRISS: So Raquel.

1	MEMBER MAZON JEFFERS: So
2	interestingly, I think that the individuals
3	with the primary substance abuse and mental
4	health diagnosis that appear in the ER, the
5	sicker population that are more likely than to
6	be excluded.
7	So it's the people who show up in
8	the ED with a secondary and tertiary mental
9	health and substance use diagnosis, who are
10	probably more appropriate to be referred for
11	the outpatient service.
12	So I'm just concerned you're going
13	to miss a lot of people by excluding them,
14	because you're only looking at the primary
15	diagnosis, and then oh my gosh, there was one
16	other thing.
17	Oh. I did want to share that
18	there are system solutions that have been very
19	effective, that I've actually seen in New
20	Jersey, where there are accountable care
21	organizations that are doing intensive case
22	management like behavioral health homes, of

1 managing high utilizers.

2.2

So that that care coordination team receives a message the second one of their clients hits the ED, and they are greeting that person in the ED and able to link them to needed services.

so I actually do think that this measure, in terms of the horse and the water and the cart, is a really nice diagnostic of the system's ability to devise and invest in a response for these very complex patients.

I do think it's possible. I've seen healthy systems or systems that are trying to address this be successful.

CO-CHAIR BRISS: Rhonda.

MEMBER ROBINSON: I just want to answer you, Raquel. I think you're absolutely right. There are systems that work when they have that connection with the ER, and that's really the critical part of this. So the ER has to notify that system. Otherwise, that connection doesn't happen.

1	So I think there's two things.
2	One, this measure does belong with the health
3	plan, but there needs to be a counter-
4	accountability to the ER at a facility also,
5	because they have to do that.
6	The other thing, in terms of
7	whether or not this touches seriously ill
8	patients. I think the distinction is do not
9	assume that people who are hospitalized are
10	the only ones are the ones who are
11	seriously ill.
12	There are seriously ill
13	individuals who don't require hospitalization,
14	but do require acute ambulatory care. I ran
15	a system for 18 years, myself as a capitated
16	provider, and the majority of the patients did
17	not require inpatient hospitalization.
18	They really required connection to
19	treatment and feeling connected to treatment.
20	And so, you know, there were a lot of things
21	that we did in order to do that, to cut the
22	hospitalization rate and improve the

satisfaction.

2.2

So I don't want you to think that this is cutting out those who are ill. It's not. It's just that the inpatient is not or the residential is not the only solution for these individuals, and what this is trying to do is to bring accountability for those who don't need that, and not encourage the ERs to admit these patients as the only solution for these patients, but to use other types of services instead.

CO-CHAIR BRISS: Thank you. So

I'd really like to get -- to get very quickly
through anything else about the measure specs.

So Les.

MEMBER ZUN: I only have two more comments. So what happens when I see someone that's an alcoholic, and I refer them to our referral source, which is Garden State

Mission, which provides -- it's basically a shelter, and it provides good services for those that are alcohol-dependent. So would

1 that count? So that's my first question.

Then my second is kind of a comment, because I think this measure only hits the tip of the iceberg, because we did two studies of undiagnosed mental illness of patients presenting to emergency departments. In the adult population, you won't guess what percentage have undiagnosed mental illness.

We used a screening tool for 16 diagnoses. Fifty percent of the inner city patients that we saw had an undiagnosed mental illness. Second is so we did that on kids, because there was a kid tool that we used, and 45 percent of the kids who come in with colds and flus and aches and pains and strains and nothing psych-related had screened in for a psychiatric diagnosis.

To me, if we're trying to get at it, there's a better way of getting to those that need help. Just because we put that -- you know they have to be really sick to get that mental health diagnosis.

1	But someone should be responsible
2	for screening these people and getting them
3	the therapy, and if the health plans want to
4	put mental health workers in the EDs, I'm all
5	for it.
6	CO-CHAIR BRISS: So Mike, I hope
7	this can be the last word on the spec stuff.
8	MEMBER TRANGLE: Well, in some
9	sense I feel it is a little bit of a summary
LO	in my own mind. It feels like I'm hearing
L1	both actually, it feels like I'm hearing 12
L2	sides of the argument, not just two sides of
L3	the argument.
L4	CO-CHAIR BRISS: I think the right
L5	number is more like 22.
L6	MEMBER TRANGLE: Whatever the
L7	number is, but and I find myself agreeing with
L8	the majority of them or at least a plurality,
L9	you know.
20	If I try and make sense of what do
21	I think and what makes sense action-wise, it
22	really is like clearly this is sort of an

early stage of a tool, where definitions are imperfect, and the world is structured in a way where in terms of cultural issues, the flow of ED, what's paid for by health plans, you know, as well as the specs, mean that we're not going to be capturing everybody.

On the other hand, I totally agree with Raquel, and we have an in-service social worker who works with these high utilizers and spends a lot of time getting them connected so they get insurance, you know, and getting them connected so they can then start getting the treatment and other kinds of things.

I can see the utility and I can really see how it does a lot of good. This doesn't seem like I've heard anything about competing measures here. It's not like this is an area people are vying; I want to be a vendor. It's going to be a high profit margin, you know. So part of me is basically saying yes, this is imperfect.

I could focus and perseverate on

1	imperfections, you know, or I could say God,
2	this is a new effort in an area where
3	nothing's being done, and we all agree that
4	it's crucial to try and get started on this,
5	and then hopefully see how it works and we
6	improve the definitions and start partnering
7	with the states and CMS kinds of stuff for the
8	psychosocial elements that aren't included by
9	health plans.
10	So I guess I'm saying I guess
11	I'm giving you a summary and saying it's
12	probably worth voting for, even though I have
13	trepidation, because it's such an
14	Well you could argue about that,
15	whether you know, how it can improve without
16	stopping it here.
17	CO-CHAIR BRISS: So on the
18	reliability, on the spec side, I keep trying
19	to close the discussion and cards keep coming
20	up. And so what we have here may be a failure
21	to communicate. So if there are things about

the specs that haven't already been said,

1	Raquel and then David please. Is your card
2	still intended to be up?
3	MEMBER MAZON JEFFERS: The only
4	issue are we on validity?
5	CO-CHAIR BRISS: No. It's still
6	reliability of the specs, and only if it's not
7	already been said. Okay. So reliability
8	testing we haven't really talked about. So
9	Les, can you very quickly walk us through the
10	reliability testing.
11	MEMBER ZUN: Well, the reliability
12	testing was a little problematic, in that it
13	was looking at inpatient follow-up and even in
14	their application, it said that the let me
15	see if I can pull this up the validity was
16	not there. Let's see. Let me get back to
17	this.
18	Empiric testing. We did construct
19	validity by exploring whether states perform
20	in this measure, related to the rate of
21	inpatient hospitalization for mental illness.
22	I'm not sure how we're going to

1	CO-CHAIR BRISS: We're still
2	trying to talk about reliability here.
3	MEMBER ZUN: I'm sorry. I'll get
4	there. Sorry.
5	MEMBER PATING: I didn't really
6	understand that. I've looked at this now four
7	times, and I've tried to understand the
8	reliability, how you did it. You had what
9	you were comparing apples to apples, what were
10	the apples, and it was a chart review or it
11	wasn't clear to me.
12	You compared one claims set to
13	another claims set. That's what it looked
14	like.
15	MS. HUDSON SCHOLLE: Okay. There
16	are different ways to assess reliability for
17	different kinds of measures. This is a
18	claims-based measure, and so for claims-based
19	measures, the approach that we used to look at
20	reliability is something that's it's called
21	a signal to noise reliability metric.
22	So the idea of this metric is to

say can you -- can you pick out one health
plan from all the other plans? Is there
really a signal here? Does this measure -- or
in this case we used state level data. So can
you really identify a result for an individual
organization or entity that you're trying to
characterize?

So the statistic, the signal to noise statistic is based on a beta binomial model, and the numbers are actually shown right here on the screen. Basically what influences this measure is how much variation is there across the different units of analysis, across the states, and what's your sample size.

When you have a good sample size and a lot of variation across states, as we've demonstrated, then you're going to have a highly reliable measure. What that's going to tell you is that it's not going to change -- you can really say, you know, this plan is different from the average of all plans, or

this state is different from other states.

You have a lot of confidence that when you pull this, when you draw another sample, when you calculate this again, you're going to get the same result, because you've got a big denominator, and you've got a lot of variation across the organizations or entities that you're measuring.

So these measures are highly reliable, okay. This measure is highly reliable based on our testing, because this statistic ranges from 0 to 100, and we're presenting reliability results of .9.

CO-CHAIR BRISS: Questions or comments about the reliability of the measure. Yes.

MEMBER ZUN: I understand the methodology you used. I'm not familiar with that methodology, because if you look at the definition, reliability describes how one can confidently distinguish the performance of one physician from other.

1	I've got to tell you that in my
2	face, the face reliability to this just
3	doesn't it doesn't make sense to me. I
4	have two emergency docs and they rarely come
5	up with the same mental health diagnosis.
6	MS. HUDSON SCHOLLE: This is about
7	the reliability of the measure, of the
8	performance of this measure. When you do it
9	over and over again, and yes, and I apologize
LO	if it says something about it says of one
L1	physician or an accountable entity. In this
L2	case, we're looking at the entity, not a
L3	particular physician.
L <b>4</b>	This is looking to understand when
L5	you implement this measure, can you really
L6	pick out one entity from everybody else? I
L7	mean does it give you a signal? That's what
L8	we're trying to get at with this statistic.
L9	It's influenced by how much variation you have
20	and what your sample size is.
21	Any claims-based measure is going
22	to have a pretty good generally, they have

1	pretty good sample sizes, and this measure has
2	a lot of variability. So that's why you see
3	really high reliability results from this
4	statistic.
5	DR. BURSTIN: This is a pretty
6	standard approach for almost all the claims-
7	based measures we've got, in terms of the
8	signal to noise reliability analysis.
9	CO-CHAIR BRISS: But it might
10	help. Can somebody say in simple words what
11	a .9 means in this context? What does the
12	number really mean?
13	MEMBER SUSMAN: High reliability.
14	(Laughter.)
15	MS. HUDSON SCHOLLE: The statistic
16	ranges from 0 to 100, right, or 0 to 1, and so
17	we're getting a .99. That means really
18	reliable.
19	MEMBER ZUN: Highly reliable.
20	MEMBER SUSMAN: The chances are
21	relatively small that this is due to random
22	variation. There's probably a true

1	reliability here as opposed to you can pick
2	out differences meaningfully on a consistent
3	basis.
4	MEMBER ZUN: Maybe I'm confused
5	about it.
6	MEMBER SUSMAN: I think you're
7	confusing maybe validity and reliability here.
8	MEMBER ZUN: But if you read the
9	ranges, percentile across states from 10 to 90
LO	percent, and they're all in the 10 to 90
L1	percentile, I'm a little that's like the
L2	whole universe of
L3	I mean of course you're going to
L <b>4</b>	have a high reliability if your universe is
L5	from 0 to 100. It says right there 10 to 90th
L6	percentile across states is very, very high.
L7	I'm a little
L8	MS. HUDSON SCHOLLE: This is not
L9	the performance rate that is so the way
20	it's just the way this measure is calculated,
21	and this is how you summarize it and the
22	statistician who does this is not here to

1	explain it better.
2	CO-CHAIR PINCUS: I see you're
3	cutting off at the outlier.
4	MS. HUDSON SCHOLLE: Yeah. But
5	basically what it shows you is that we have
6	very good reliability in the different places
7	where we've looked at it in the different
8	states, because you've calculated for each
9	state, and then you summarize it.
10	If you're asking about how much
11	variation that we have in performance, we see
12	a lot of variation in performance, and that's
13	presented in a different place in this report,
14	where we do see that the performance rates
15	range across states, with an average of and
16	that's in Table 8 of this document, where we
17	see that the median for the mental health
18	seven day follow-up is 74 percent. It ranges
19	from 42 percent to 80 to 90 percent.
20	It's under Meaningful Differences,
21	okay. All right.
22	CO-CHAIR BRISS: So we've had what

1	I think is actually a fairly long reliability
2	conversation. It's clear that people have
3	different points of view about the specs, and
4	maybe about the usefulness of the statistics
5	that have been presented. But does anybody
6	else have anything that they want to raise
7	that hasn't already been raised?
8	About reliability, specifically
9	about reliability. And if not, I think I'd
10	like to try to move us to a vote on
11	reliability in particular.
12	MS. BAL: Okay. Voting is now
13	open on reliability.
14	[VOTING.]
15	MS. BAL: So we're all at 19. Did
16	everybody get a chance to vote, and did
17	anybody step out that I don't see perhaps?
18	There we go, thank you. So for
19	2605 reliability, we have high 15, moderate 5,
20	low 0, insufficient 2, and we'll move forward
21	to validity.
22	CO-CHAIR BRISS: So Les can you

1	tee it up for us on validity?
2	CO-CHAIR BRISS: Yeah. We've
3	already talked about some of this, I think.
4	MEMBER ZUN: So I think there's
5	been a lot of questions and concerns about the
6	validity of the data, both the numerator and
7	the denominator, and in the interest of time,
8	I don't think I'll go much more into it.
9	CO-CHAIR BRISS: So there are lots
10	of cards up, and maybe we'll start with Raquel
11	and come this way this time.
12	MEMBER MAZON JEFFERS: So just
13	very quickly, the measures were only tested on
14	Medicaid plans using fee for service claims.
15	So I was just concerned about the
16	applicability across the board.
17	CO-CHAIR BRISS: So Bob.
18	MEMBER ATKINS: I have two
19	concerns about validity. One is, as I
20	understand it, it's a claim-based measure, and
21	across markets, across states, across regions
22	within states, a substantial part of the

1	outpatient services, counseling,
2	psychotherapies whatever, are not provided by
3	Medicaid providers, and it's totally
4	legitimate. It's the right thing.
5	So people are getting what they
6	need, and it's my understanding that we won't
7	be able to find that with this methodology.
8	So I question about the validity of that. The
9	other is the validity of applying this to the
10	health plans.
11	This is a system measure, it seems
12	to me. The health plan, the state, the
13	provider communities, plural, are all part of
14	the solution. I'm concerned about making this
15	the accountability of health plans
16	specifically.
17	I think it's a really important
18	issue, and there's a way to apply it to the
19	systems of care or the lack thereof. I can go
20	on and on about this, but I'll stop right
21	there.
22	MEMBER PATING: Section 2b2.4 on

1	the validity. So my understanding of how you
2	tested the validity was that you had a
3	hypothesis, that if you get people connected
4	in these states that had various reliable
5	rates, that you would somehow be able to show
6	that they had less hospitalization.
7	But your own conclusions were that
8	there wasn't significantly less
9	hospitalization, and that the testing didn't
10	support your ultimate outcome finding. It was
11	because of the effect size was sort of too
12	small, I guess, or there wasn't too much
13	even though there's this difference between
14	states, this difference between the
15	hospitalization rates wasn't significant
16	enough so.
17	Then you went to then you
18	backed it up by saying well, it's still face
19	valid, and I think that we're hearing concerns
20	around that methodology. So can you just
21	speak to that gap?
22	MS. HUDSON SCHOLLE: So we could

1 have just repressed the data on our validity 2 So this is -- it's typical that when testing. we do measure testing, that we would try to 3 4 look for correlations among measures and 5 patterns across states, and try to understand, 6 you know, how does this measure relate to 7 something that we've hypothesized that it 8 might be related to, and it doesn't always work out, and this is what we found. 9 10 So what -- part of the reason why 11 we think we couldn't find that difference is 12

that we've not actually varied, you know, a correlation.

If you're looking for a correlation, with something that doesn't vary very much, that has a narrow distribution. So one thing that's narrowly distributed, and you're trying to find a correlation with something that's not.

If it's not, then you can't find a meaningful correlation. So that's -- that was our explanation for our results here, that we

13

14

15

16

17

18

19

20

21

presented in Table 3 and Table 4. We showed these results to others, and they said well, we're not ready to throw away the measure based on these validity results, okay.

That's basically what we're telling you is. When we showed this to stakeholders, we explained our problem. They said we can't explain the results, but we still think the measure has merit, and that's what the base validity is about. It's saying the measure has merit without this hypothesized relationship.

I did want to respond to one other validity concern that was raised, about who's responsible and are claims data going to pick up the data, pick up these services. The way that the specifications are set up, we require that the plans report --

That the plans be responsible for the members' chemical dependency benefit or mental health or behavioral health benefit, as well as the general medical benefit, so that

we're not in that situation of its care that's not in the benefit. If it's in the benefit, then the plan is responsible for that individual.

and more cards up, sort of four more cards up on sort of any additional comments on validity that haven't already been made as quickly as possible, starting with Vanita, please.

MEMBER PINDOLIA: So my question on the validity is I noticed that during the stakeholder public comment, it was addressed of concerns of health plans having a lag time, the ER claim coming to enact upon a seven day follow-up. So when you were doing your validity search, did you notice what kind of gap there was from when a claim gets to a health plan?

The reason I'm bringing that up is
I think it helps address to what Bob has said,
and I think others have said. This really is
more than just a health plan. This is really

1 needing the providers also to be held 2 accountable for this joint effort. MS. HUDSON SCHOLLE: 3 4 couldn't analyze that in claims, but -- in our 5 analyses. But it would require a proactive 6 system, as others have talked about, of the ED 7 contacting them and the health plan mediating 8 that in some way. CO-CHAIR BRISS: 9 Yeah. I think 10 we've actually raised this issue already, that 11 this is a retrospective, you know, sort of 12 It by itself isn't, you reporting measure. 13 know, wouldn't be immediately useful as an 14 internal quality improvement tool. Tami. 15 Yeah. I've looked MEMBER MARK: 16 at the validity of post-discharge follow-up 17 from psychiatric and substance use 18 hospitalizations, which is very parallel, and 19 it's actually hard to demonstrate that it has 20 an effect in observational data, because you 21 have such a selection bias. 22 But if you look at some of the

1	studies that have been done, you know, more
2	rigorously in terms of randomized trials, you
3	know, you do see that there's evidence that
4	post-discharge follow-up does reduce
5	readmissions, and I would think that, you
6	know, you can use that evidence since this is,
7	you know, a similar type of thing, to support
8	the validity of the post-discharge follow-up
9	after ED. But I don't think in your
10	application you cited any of that research.
11	MEMBER SUSMAN: Thank you. I
12	don't find that this "failed"
13	association/correlation with regard to your
14	validity testing is particularly telling or
15	concerning. I mean I can think of lots of
16	different confounders in this.
17	So I think as a group, as we look
18	at this, I'd say yeah, well that didn't work
19	out. But it doesn't affect me in thinking
20	about the validity testing overall.
21	I would hope that in the future,
22	we would have other approaches to validity

1	testing, and also look at some of the issues
2	that Les and others have raised, when you get
3	down to okay, does this really reflect
4	appropriate, accurate data as we're going
5	forward.
6	CO-CHAIR BRISS: So thank you, and
7	I'd like to suggest that we try to vote on
8	validity please.
9	MS. BAL: Okay. Voting is now
LO	open.
L1	[VOTING.]
L2	MS. BAL: Just waiting for two
L3	more votes. If everyone could please vote,
L <b>4</b>	thank you. Okay. The results for validity
L5	for 2605 is high 3, moderate 9, low 8,
L6	insufficient 1. So this is actually in the
L7	gray zone, yes, and we can move forward to
L8	feasibility.
L9	MEMBER ZUN: I think it would be
20	best that I not directly comment on this,
21	because I'm afraid I might bias someone in the
22	room. So with that, I'll close.

1	CO-CHAIR BRISS: So to quote my
2	next door neighbor, it's claims data. So it
3	appears feasible on its face. Any additional
4	thoughts that need to be raised?
5	(No response.)
6	CO-CHAIR BRISS: Let's try voting,
7	please.
8	MS. BAL: Okay. The vote is now
9	open for feasibility.
10	[VOTING.]
11	CO-CHAIR BRISS: I told you we'd
12	be hard on you for a going away present.
13	MS. BAL: Can we get one more vote
14	please. If everybody could make sure that
15	they voted and point at me please?
16	Okay. So the results for
17	feasibility for 2605 are high 5, moderate 13,
18	low 2, insufficient 1, and we can move forward
19	with usability and use.
20	CO-CHAIR BRISS: And it seems to
21	me that we've had a lot of discussion that
22	sort of touches on the usability of this

1	measure. So are there additional comments
2	that relate to usability that haven't already
3	been addressed?
4	(No response.)
5	CO-CHAIR BRISS: Hearing none,
6	let's try to move to voting please.
7	MS. BAL: Okay. Voting is now
8	open for usability and use.
9	[VOTING.]
LO	MS. BAL: So we're only at 17
L1	votes. If everybody could make sure to vote.
L2	(Pause.)
L3	MS. BAL: So the results are for
L <b>4</b>	usability and use for 2605 is high 5, moderate
L5	8, low 5, insufficient 3 and okay. Consensus
L6	is reached on that one, and we can move to
L7	overall, unless there's
L8	CO-CHAIR BRISS: It's over the 60
L9	percent line. So any closing arguments before
20	overall suitability? Yes.
21	MEMBER ROBINSON: I know that
22	we've looked at a lot of measures and people

1 are tired and all of this, but I just want to 2 emphasize that this is probably one of the more important measures that can help improve 3 4 the system where there are significant gaps. 5 Again, I want to emphasize the 6 gaps cause harm to consumers with unnecessary 7 hospitalizations, because of the way that ERs 8 function and have to protect themselves from 9 the liability of releasing someone without a 10 clear follow-up. So I just really want you to 11 keep that in mind as it relates to this. 12 It's not perfect, but it's one 13 that really addresses a huge gap, and one that 14 has a potential for helping consumers in the 15 long run. 16 CO-CHAIR BRISS: And I suspect we 17 may get a counterpoint. Les. 18 MEMBER ZUN: Actually, I want to 19 agree, that I think we're on the same page. 20 I think we want to ensure that providers are

making sure that we capture these patients in

I'm afraid that this measure does not

care.

21

1	is not suitable, does not meet that basis.
2	I think I would send it back to
3	NCQA and ask them to revise it with some more
4	input, to really look at what to really
5	measure and look at what behaviors they're
6	trying to change in providers. So I think the
7	intent's there; the delivery's not.
8	CO-CHAIR BRISS: So Mike, I'll
9	give you the last word, and I think we know
10	that there's a diversity of opinion on this
11	measure already. So quickly please.
12	MEMBER LARDIERI: Yeah. I sort of
13	wrap my head around this as bring it down from
14	the health plan. I'm going at risk. As a
15	health system, I want to do this. I want to
16	do this in real time.
17	So I think it's important, because
18	we're changing. It's going to be a whole
19	different payor. It's not going to be the
20	health plan. It's going to be me. So I
21	really want to look at this really closely.
22	CO-CHAIR BRISS: So let's tee up a

1	vote please.
2	MS. BAL: Okay. Voting is open
3	for overall suitability.
4	[VOTING.]
5	MS. BAL: Okay. The results for
6	overall suitability for endorsement for 2605
7	is yes 16, no 6, and this measure will be
8	moved forward for endorsement.
9	CO-CHAIR BRISS: So I'd like to
LO	try we're a bit behind. I'm still
L1	sensitive to the fact that many of us are
L2	going to be leaving for planes. I think we'll
L3	be okay, because the four remaining measures
L <b>4</b>	are related to each other, and I'm hopeful
L5	that we can pick up some time on the last four
L6	measures.
L7	I'd like to try to set up to
L8	grab lunch and bring it back to your desk in
L9	the next ten minutes or so and
20	NQF Member and Public Comment
21	CO-CHAIR BRISS: Oh, I'm sorry,
22	and we also need to open the lines for public

1	comment please.
2	OPERATOR: Okay. If some of you
3	would like to make a comment, please press
4	star and the number 1.
5	(No response.)
6	OPERATOR: At this time, there are
7	no public comments.
8	CO-CHAIR BRISS: It appears there
9	are no comments in the room, and so ten
10	minutes to set up lunch, and then let's
11	restart.
12	(Whereupon, the above-entitled
13	matter went off the record at 12:38 p.m. and
14	resumed at 12:55 p.m.)
15	
16	
17	
18	
19	
20	
21	
22	

1	AFTERNOON SESSION
2	(12:55 p.m.)
3	CO-CHAIR PINCUS: So we're going to
4	get started now. So, boy, I'm glad Peter was
5	able to really do an exceptional job in
6	getting through the stuff in the morning.
7	I had to keep my mouth shut, which
8	is always very hard for me. I had to keep my
9	mouth shut because it was hard for me, but
10	this afternoon we're making a change in the
11	schedule, so that we're going to deal with the
12	PHQ-9 measure first, and then deal together
13	with the 6-month and 12-month one. It means
14	that we're going to have to like vote twice
15	each time we do a vote for the second one.
16	But we can do that, right? So,
17	you know we vote twice for importance on the
18	six-month one, importance on the 12-month one,
19	you know, that kind of thing.
20	MS. DORIAN: We might not be able
21	to, for the voting itself we can discuss
22	them both at the same time but then for the

1	voting we have to go through everything
2	because of our software. Everything for one
3	and then everything for another.
4	Depression/Major Depressive Disorder
5	CO-CHAIR PINCUS: Okay, good. So
6	is the measure developer here?
7	MS. PITZEN: Yes, thank you.
8	CO-CHAIR PINCUS: Okay, good. So
9	can you tee up the depression utilization of
10	the PHQ-9, the 0712 measure for us?
11	MS. PITZEN: Sure. This is
12	Collette Pitzen at Minnesota Community
13	Measurement. Can you hear me okay?
14	CO-CHAIR PINCUS: Louder.
15	MS. PITZEN: Okay. Is this
16	better?
17	CO-CHAIR PINCUS: Yes.
18	MS. PITZEN: Okay. The measure
19	that we're talking about first today is
20	depression utilization of the PHQ-9 tool.
21	This is a paired process measure that seeks to
22	promote frequent use of the PHQ-9 with

patients with major depression or dysthymia, adult patients aged 18 and older, and also supports the outcome measures of depression response and remission.

So this measure is capturing all patients who are seen within a four-month period, who have major depression or dysthymia, and have a PHQ-9 tool administered at least once during that four month measurement period.

The difference between this and the outcome measure, this is seeking to measure the entire population that has depression or dysthymia, regardless of what that PHQ-9 score is. Simply a way to ensure and promote frequent use of the PHQ-9 tool.

This measure has been collected in the state of Minnesota as part of a suite of measures. It's also included in CMS'

Meaningful Use Program. Our average statewide rates on over 100,000 patients is 68 percent.

I'm sorry. I'm a little bit out of -- I was

1	planning on presenting the other measures
2	first.
3	The statewide average is 65.6
4	percent, with significant variability among
5	the clinics. Some of the data that was
6	presented to you, one of the issues that the
7	work group had was it seemed like this was not
8	moving very much. We reported rates at a
9	medical group level.
10	But even within a large,
11	integrated medical group, for example, one
12	group has a range of clinics administering the
13	tools between 43 percent and 98 percent within
14	the same integrated system. So there is
15	opportunity and room for improvement.
16	CO-CHAIR PINCUS: So Dave, do you
17	want to sort of begin to go through the
18	importance to measure and report.
19	MEMBER PATING: Yes. Thank you
20	very much. Well first of all, I'd like to
21	just announce that I have no conflicts of
22	interest. I have no opinions about this

1 measure, and so --2 (Laughter.) MEMBER PATING: I'll put the force 3 shield around me, yes. 4 So this measure is 5 again looking at the PHQ-9 and what was been 6 around, a measure that's been around for a 7 long time, originally tested as part of the 8 PRIME-MD, and a standardized measure of using 9 many systems across the country for 10 depression. 11 The numerator is that you've done 12 one PHQ-9 in a four month period, if you have 13 a diagnosis of depression or dysthymia, and

one PHQ-9 in a four month period, if you have a diagnosis of depression or dysthymia, and the documents and the folks in Minnesota were saying that by national count, 6.6 percent have a major depression diagnosis in the last year, and then if you add dysthymia, we're about up to 9.1 percent of the population.

I'm just going to be very brief in terms of the Section 1A, B and C. You know, depression is common and measuring improvement is felt to be a gap, or that many people

14

15

16

17

18

19

20

21

1	because of either being untreated,
2	inappropriately or inadequately treated, there
3	is a gap in people that have been diagnosed
4	getting to the goal line of being, I guess,
5	undiagnosed, because they've been well.
6	So there's felt to be again a
7	commonness, a gap in treatment and then moving
8	people that have been diagnosed to remission,
9	and that the overall cost of this, in terms of
LO	life and quality of life and other health
L1	measures is significant.
L2	So that's really the reliability
L3	issues and excuse me, the evidence issues.
L <b>4</b>	There was a lot of agreement among our group
L5	as to the basic need and the gap.
L6	CO-CHAIR PINCUS: Other comments
L7	on the importance to measure and report?
L8	(No response.)
L9	CO-CHAIR PINCUS: Okay, wow.
20	Okay. Seeing none, why don't we move to
21	voting?
22	MS. BAL: Okay. Voting for

1	evidence is now open for 0712.
2	[VOTING.]
3	CO-CHAIR PINCUS: And Mike, I
4	think, is conflicted.
5	FEMALE PARTICIPANT: Yes.
6	CO-CHAIR PINCUS: Okay, no. I
7	want to make sure that that was said.
8	MS. BAL: Actually, I just do need
9	one more vote. We should be at 23.
10	(Pause.)
11	MS. BAL: Okay. So then the
12	results for evidence is high 21, moderate 1,
13	low 0, insufficient 0, insufficient with
14	exception 0 for 0712. And do you guys want to
15	discuss
16	CO-CHAIR PINCUS: Gap. Vote.
17	MS. BAL: Okay. Voting is now
18	open for gap for 0712.
19	[VOTING.]
20	MS. BAL: We're missing one.
21	Could everybody make sure that they voted?
22	(Off mic comments.)

1	MS. BAL: Okay. So for gap for
2	0712, we have high 20, moderate 3, low 0,
3	insufficient 0, and we can move forward to
4	high priority.
5	CO-CHAIR PINCUS: And high
6	priority.
7	MS. BAL: The voting is open.
8	[VOTING.]
9	MS. BAL: Okay. So for high
LO	priority for 0712, we have high 19, moderate
L1	3, low 0, insufficient 0, and we can move
L2	forward to scientific acceptability.
L3	CO-CHAIR PINCUS: Great. So you
L4	discussed the scientific acceptability,
L5	reliability and validity.
L6	MEMBER PATING: So this was done
L7	in Minnesota, and I actually forgot whether it
L8	was this measure or a previous measure that
L9	was done in response to a lawsuit. Was it
20	this one that they implemented? Anyway, it
21	might have been the other measure that we're
22	looking at.

1	They looked at 80,000 claims. So
2	it's very high utilization throughout their
3	system, and they found a reliability of .846.
4	I'm actually going to ask the submitters to,
5	if they can explain this .846, because I
6	wasn't quite sure. Was that a kappa or was it
7	a Cronbach's, you know, alpha in terms of the
8	reliability? So I'd be liking just a little
9	clarification on that.
10	The group as a whole found using
11	PHQ-9 to be on face value, you know, a very
12	reliable measure for measuring depression, and
13	again the goal of this measure is to document
14	severity of depression when the diagnosis is
15	made. So those are my comments.
16	CO-CHAIR PINCUS: Can the measure
17	developer just respond to the question please?
18	MS. PITZEN: Sure. This is
19	Collette. I just wanted to share. I know
20	there was a little bit of difficulty
21	technically with the documents and the
22	insertions. But the reliability testing for

1	the measure itself was at .987, and that was
2	part of the template that was submitted under
3	282.
4	And then the reliability for the
5	PHQ-9, the PRIME instrument itself, had a
6	sensitivity of 88 percent, specificity of 88
7	percent, an ROC analysis of .95 and Cronbach's
8	also of .89.
9	MEMBER PATING: So in terms of
10	reliability, I think we'd consider those very,
11	very high.
12	CO-CHAIR PINCUS: Any comments on
13	reliability?
14	(No response.)
15	CO-CHAIR PINCUS: Okay.
16	MS. BAL: Voting for reliability
17	is now open.
18	[VOTING.]
19	MS. BAL: We're just missing one
20	vote. If everybody could make sure to vote
21	please. There we go, thank you. So the
22	result for reliability for 0712 is high 19,

1 moderate 4, low 0, insufficient 0, and we'll 2 move forward to validity. MEMBER PATING: In terms of 3 validity, that the measure measures depression 4 5 and that you can tell something about it. 6 There was strong belief that this was a valid 7 There were some questions around what would be considered the exclusions for 8 the measure from the denominator. 9 10 The measure, as designed, excludes 11 bipolar disorder and personality disorder. 12 This actually goes back to the implementation 13 of the PRIME-MD literature, which is from the 14 mid-1980's, I believe, and they were found to, 15 because of the high correlation of other 16 symptoms related to those two diagnoses, the 17 PHQ-9 was felt not to be valid for those two 18 diagnoses. 19 It was mine and another reviewer's 20 that there actually may be other diagnoses 21 that we might want to recommend or consider in 2.2 terms of exclusions, but I think the developer

1	will have a response to this. There's a sense
2	that this may not actually be a valid tool,
3	PHQ-9 in measuring depression in alcohol use
4	disorders or substance disorders during an
5	active phase.
6	I also wonder whether persons with
7	cognitive disorders should be excluded, if
8	there's a mood component as a part of a
9	dementing or delirium syndrome of some sort.
LO	But there is a way that these are I'm sure
L1	that Mr. and Mrs. Developer, you could tell us
L2	how this works, but that you average out
L3	CO-CHAIR PINCUS: As you look up
L <b>4</b>	into the sky.
L5	MEMBER PATING:as you average
L6	out these various things. So could you
L7	address the exclusions and perhaps why these
L8	other exclusions, you felt, are not as
L9	significant?
20	MS. PITZEN: Sure, thank you.
21	Appreciate the discussion today and at the
22	work group call. We did conduct a literature

review for the use of a PHQ-9 for patients that have depression and alcohol or substance abuse, because that is not an exclusion from our measure.

The discussion that occurred at the work group, and we concur also that even considering the diagnosis of alcohol abuse or substance abuse might be difficult if one was to use that in a risk adjustment model, because of insufficient coding of that particular situation.

But we did thoroughly research the use of the PHQ-9 utilizing a bibliography from the tool developer. There were 1,340 studies cited as using the PHQ-9 or PRIME-MD.

Searching on substance abuse and alcohol, there were 83 relevant studies that talked about using a PHQ-9 within this patient population.

Of those 83, only one study excluded patients with substance abuse. The rest of the studies included patients with

substance abuse, and there were several,
actually seven supportive studies about
comparing depression with and without alcohol
abuse.

Probably the most significant one was by Delgadillo, Payne and Gilbody called "How Reliable is Depression Screening in Alcohol and Drug Users," and that was conducted in 2011. That demonstrated that with the PHQ-9 tool, that a PHQ-9 score of greater than 12 had a sensitivity of 81 percent and specificity of 75 percent for major depression and alcohol, displaying good retest reliability of .78 and internal consistency with a Cronbach's alpha of .84.

Within this population of people that were substance abusers, there was a 68 percent sensitivity, 70 percent specificity, and with modest retest reliability. So early on in the development stage, we had talked about the issues surrounding alcohol use and a patient's depression.

1	However, the work group at that
2	time did not decide to exclude those patients
3	from this measure.
4	MEMBER PATING: What about the
5	persons with cognitive disorder, then, and
6	then also can you explain the risk
7	adjustment and how that may remove any
8	systemic error then?
9	MS. PITZEN: I'll try. On the
10	first question with the cognitive impairment,
11	we do instruct our practices that if it is not
12	appropriate to give a PHQ-9 to someone because
13	of dementia or mental retardation, to not the
14	use the tool.
15	One of the things that does is by
16	not administering the PHQ-9 to those patients,
17	you're not coming into the denominator for the
18	outcome measures. In terms of the risk
19	adjustment variables, I'm not sure I
20	understand your question.
21	MEMBER PATING: Well my
22	understanding is the way that you had

1 explained to us on the phone call that these 2 variables like alcohol or cognitive impairment might be adjudicated somehow statistically in 3 4 your risk adjustment of the measure, and I 5 didn't quite understand that, and I was just 6 wondering if you can explain the risk 7 adjustment process. 8 Sure, and maybe I MS. PITZEN: lead you to some misunderstanding. 9 10 current risk adjustment model includes the 11 severity of a patient's depression. 12 includes insurance product as a proxy for socioeconomic status. It also includes age 13 14 bounds of the patient. 15 So right now, we don't collect the existence of alcohol abuse with these 16 17 patients, nor cognitive impairment. So we

don't have those available for a risk adjustment methodology.

If they -- if some time in the future those are determined to be significant factors by the Development work group, we

18

19

20

21

22

1	would consider including that. In fact, we
2	recently had a go-round about the impact of
3	chronic fatigue syndrome, sleep disorder and
4	some of those conditions, and those actually
5	demonstrated that they were very, very low
6	percentages within the population and they did
7	not impact the outcomes.
8	So always a future consideration,
9	but not right now part of our model.
10	(Off mic comment.)
11	CO-CHAIR PINCUS: Any other
12	comments about validity? Rhonda. Rhonda, did
13	you have
14	MEMBER ROBINSON: Yes.
14 15	MEMBER ROBINSON: Yes.  CO-CHAIR PINCUS: Okay.
15	CO-CHAIR PINCUS: Okay.
15 16	CO-CHAIR PINCUS: Okay.  MEMBER ROBINSON: I'm trying to
15 16 17	CO-CHAIR PINCUS: Okay.  MEMBER ROBINSON: I'm trying to  get to it. I have a couple of questions about
15 16 17 18	CO-CHAIR PINCUS: Okay.  MEMBER ROBINSON: I'm trying to  get to it. I have a couple of questions about the PHQ-9. One has to do with the number of
15 16 17 18 19	CO-CHAIR PINCUS: Okay.  MEMBER ROBINSON: I'm trying to  get to it. I have a couple of questions about  the PHQ-9. One has to do with the number of  languages that it's been translated into and
15 16 17 18 19	CO-CHAIR PINCUS: Okay.  MEMBER ROBINSON: I'm trying to  get to it. I have a couple of questions about  the PHQ-9. One has to do with the number of  languages that it's been translated into and  has it been tested for reliability in

1	So I believe the PHQ-9 is available in between
2	72 and 75 languages. I guess I am not the
3	owner and developer of the tool, and I don't
4	have the knowledge about the level of testing
5	and reliability and validity. But those tools
6	are available in different languages and have
7	been translated as such.
8	MEMBER ROBINSON: Okay. Then my
9	second question is really one around why one
10	administration of the PHQ-9 in four months,
11	and the selection of the four months, as
12	opposed to a tighter time frame after the
13	diagnosis?
14	MS. PITZEN: Sure, great question.
15	Actually, we get the flip side of that
16	question quite frequently, why isn't this
17	measure like other measures? Why aren't you
18	looking over a 12 month period for the
19	administration of the PHQ-9?
20	This dates back to some of our
21	earlier constructs for the actual ability to
22	technically collect this measure. A four

month time period was chosen. So the purpose of the measure really is to support the outcome measures, which are looking longitudinally at a patient over time.

We encourage groups to be frequently administering the PHQ-9. You know, we can't dictate that you give that tool every time you see the patient. But the intent is that it be used to assess the patient's symptoms when they're being seen, and used as a means for follow-up contact with them.

So even this measure once in four months, in my mind you should be administering it more frequently as they're seeing that patient.

MEMBER ROBINSON: Yeah, I agree, and I think the reason why I asked that is that certainly this is an indicator of treatment and treatment effectiveness. The sooner that one understands the baseline and measures frequently, the more likely they're able to have a successful outcome.

1	So I think you've answered my
2	question. I just think it's unfortunate that
3	it's not requiring the PHQ-9 to be done
4	earlier in the course, so that treatment could
5	be more effectively administered, particularly
6	if the person has side effects or is not
7	responding in any way.
8	Data demonstrates within at least
9	the first two weeks you can tell with the
10	initial treatment whether or not they're
11	starting to respond, and your earlier
12	responders you treat a little bit more
13	aggressively than you do those that don't
14	respond, where you may have to change your
15	treatment plan later on. So it's just a
16	comment.
17	MS. PITZEN: This is Collette.
18	Can I clarify a little bit?
19	MEMBER ROBINSON: Sure.
20	MS. PITZEN: So unlike the outcome
21	measures, this measure is for all patients
22	with that active or diagnosis in their

history. So one of the easiest ways to avoid being in the outcome measure is to never give the PHQ-9 tool at all. So we use this as a companion to evaluate that practices are implementing and using that PHQ-9 tool.

We have seen the rates of this particular measure soar. So the difference is this is the use of the tool. You could not be demonstrating a high PHQ-9. You could be in remission. But the point is to give the tool and do the assessment.

MEMBER ROBINSON: Thank you.

MEMBER PATING: Could I ask a kind of follow-up question and if I could step out of order, because it relates to the next two measures, at a six-month and a twelve-month.

What starts the clock as the index for that six and twelve months? Is it doing the PHQ-9, because you could be diagnosed at zero, and then do your PHQ-9 four months later, and then that makes your six-month measure really a ten-month measure?

1 So is it the diagnosis that will 2 trigger the six and twelve, or will it be that 3 when you do the PHO-9? 4 MS. PITZEN: I'm sure -- this is 5 Collette. It is when you're doing the PHQ-9. 6 So actually we are looking for -- the 7 diagnosis is a confirming factor, that we are 8 dealing with major depression or dysthymia, because we wouldn't want to build a measure 9 10 that was based on just the PHQ-9 alone. 11 But the act of that coming 12 together, we call that an index. So the day 13 that that occurs, the day that you have an 14 elevated PHQ-9 and you also have the 15 confirming diagnosis, that starts the clock 16 ticking for every patient. 17 So every patient is going to have 18 a different index date, and then that starts 19 the clock ticking forward for six months plus 20 or minus 30 day remission, and then assessing 21 them again at 12 months, plus or minus 30 days 2.2 for remission. So the same patient is

1	assessed at two different points in time.
2	CO-CHAIR PINCUS: So in a sense,
3	this is a balancing measure, in terms of
4	applying within the suite?
5	MS. PITZEN: That is correct.
6	CO-CHAIR PINCUS: Les.
7	MEMBER ZUN: The question I have
8	is, and I'm not a psychiatrist obviously. Is
9	the importance the delta of the PHQ-9 over
LO	time, or just getting a PHQ-9?
L1	CO-CHAIR PINCUS: So Les, just to
L2	clarify. So you know, we're dealing in a
L3	suite of three measures, and this measure is
L <b>4</b>	and so we're talking about this measure and
L5	then we're going to talk about the remission
L6	measures at six and twelve months.
L7	This measure is really trying to,
L8	as I understand it, it's trying to ascertain,
L9	of the universe of people who have a diagnosis
20	that's applicable, how many of them have had
21	a PHQ-9 within four years, to show that you're
22	actually sort of reaching the population? So

1	it's not looking at a delta yet.
2	(Off mic comment.)
3	CO-CHAIR PINCUS: But the next
4	measure will, okay. Other questions? Okay.
5	So I guess we're ready to vote on validity.
6	MS. BAL: Voting is now open for
7	validity.
8	[VOTING.]
9	MS. BAL: Okay. The results are
10	high 19, moderate 3 for validity of 0712, and
11	we can move forward to feasibility.
12	CO-CHAIR PINCUS: Okay. Dave,
13	feasibility.
14	MEMBER PATING: So feasibility was
15	easy. People felt that it was very feasible.
16	While in some systems the PHQ-9 was not
17	routine, people felt that the burden wasn't
18	going to be huge, and then in the Minnesota
19	data, they got 86,000 PHQ-9s. So that's
20	86,000 feasibilities that they did so
21	(Laughter.)
22	(Off mic comments.)

1	MEMBER PATING: Yeah, somebody's
2	doing good.
3	CO-CHAIR PINCUS: Any other
4	questions that anybody has about feasibility?
5	(No response.)
6	CO-CHAIR PINCUS: Okay. I guess
7	we're ready to vote.
8	MS. BAL: Okay. Feasibility is
9	open for voting.
10	[VOTING.]
11	MS. BAL: Okay. The result for
12	feasibility for 0712 is high 18, moderate 4,
13	low 0, insufficient 0, and we'll move forward
14	to usability and use.
15	MEMBER PATING: The group didn't
16	have a lot of comments on usability, other
17	than they thought this would be a good measure
18	for quality improvement on an individual and
19	a systems basis, as well as public report.
20	Again, it's to measure who gets measured.
21	So using a measure was felt to
22	improve quality, and then we'll see in the

1	subsequent when paired, that you'll get the
2	delta and the change and the improvement over
3	time. So we thought that there could be very
4	good usability with a very validated
5	instrument.
6	CO-CHAIR PINCUS: Any comments on
7	usability?
8	(No response.)
9	CO-CHAIR PINCUS: Okay.
10	MS. BAL: Okay. Voting's now
11	open.
12	[VOTING.]
13	MS. BAL: Okay. The results for
14	usability and use of 0712 is high 20, moderate
15	2, low 0, insufficient 0, and we can move
16	forward to overall vote. Unless there's
17	further discussion, I'll open voting.
18	CO-CHAIR PINCUS: Any final
19	comments or questions?
20	(No response.)
21	CO-CHAIR PINCUS: Okay.
22	MS. BAL: Voting's now open.

1	[VOTING.]
2	MS. BAL: Okay. The results are
3	yes 22, no 0 for overall suitability for
4	endorsement, and 0712 will be recommended for
5	endorsement.
6	(Off mic comments.)
7	CO-CHAIR PINCUS: Terrific, okay.
8	So now we're going to deal with these as a
9	package. We're going to deal with the six
LO	month and 12 month ones, and let's hear from
L1	the measure developer, in terms of teeing this
L2	up.
L3	MS. PITZEN: Great, thank you. As
L <b>4</b>	indicated, these outcome measures are
L5	identical, with the only difference is they're
L6	measuring the same patient at two points in
L7	time, assessing a patient for the patient-
L8	reported outcome of remission, the absence of
L9	depression symptoms as measured by the PHQ-9.
20	It's for adult patients aged 18
21	and older with major depression or dysthymia,
22	and initial PHQ-9 score greater than nine, who

demonstrate remission at 12 months for the first measure, or six months for the second.

And that is defined as a PH score of less than five.

It's a longitudinal measure that is looking over time to determine if the patient has remission from their depression symptoms. The beginning point for measurement is when the patient has both the diagnosis of major depression and dysthymia, defined by ICD-9 codes, and an elevated PHQ-9 score greater than nine.

This is considered the index, and we spoke about that earlier. Then we're looking longitudinally forward. Did the patient demonstrate remission at either the six month or the twelve month mark, and there is a 60-day window around that particular time frame, that we're looking for a repeat assessment with the PHQ-9.

The measure applies to both patients with newly diagnosed and existing

depression, whose current PHQ-9 score indicates that need for treatment. The measure additionally promotes ongoing contact between the patient and provider, as patients who do not have a follow-up PHQ-9 score are also included in the denominator, and they are assumed to be not in remission.

include death during the measurement period,
permanent nursing home residence and patients
with a diagnosis of bipolar or personality
disorders. In Minnesota, this measure is used
in both primary care and behavioral health
psychiatry settings.

The PHQ-9 tool is a patientreported outcome tool with strong psychometric
properties, and is validated for both aiding
in the diagnosis of depression and for
monitoring improvement of symptoms and
assessing patient progress.

The measure is reporting on our consumer-facing website in a set of health

scores, and the 12 month measure has been selected by CMS for inclusion in Meaningful Use, and more recently for inclusion in the ACO GPRO Program. The measure that we just talked about was also included in Meaningful Use.

Some of the concerns expressed by the steering committee included low performance results, demonstrated by the measure, which has significant opportunities for improvement and the use of PHQ-9 tools for patients with the diagnosis of depression or alcohol or substance abuse, and we covered that issue already.

The measure is currently collected for all primary care and psychiatry clinics in Minnesota, the most recent data set representing over 350 clinics and 80,000 denominator patients. Granted, it's been difficult to see movement in the overall statewide average, which is currently at 5.6 percent, with higher-performing clinics at the

1	20 percent mark.
2	CO-CHAIR PINCUS: That's 5.6
3	percent for the six-month or twelve-month?
4	MS. PITZEN: At a twelve-month.
5	The six-month's is a little bit higher. The
6	six-month is 6.9. Not super-impressive, I
7	know. But please note that for both the
8	measures, the number of denominator cases have
9	increased fourfold in the last four years, and
10	a subsequent fourfold increase in the number
11	of patients achieving remission.
12	It's well-recognized that
13	maintaining ongoing contact with this
14	population of patients with depression is
15	critical to their successful remission of
16	symptoms.
17	It's also very challenging to do
18	so. Of any patient population, patients with
19	depression are least likely to be able to self
20	advocate and require processes and systems in
21	place for maintaining contact.
22	Minnesota has made small,

1	incremental improvements in the rates of
2	follow-up PHQ-9 at twelve months and six
3	months, that are approaching 25 percent for
4	twelve months and 30 percent for six months.
5	The low outcome rates are not solely
6	attributed to lack of follow-up.
7	Additional analysis of the
8	denominator patients who do have a follow-up
9	PHQ-9 at six and twelve months demonstrate
10	that only about 25 percent of the patients are
11	in remission, and another 25 percent
12	demonstrate PHQ-9 scores between 15 and 27,
13	which is severe depression.
14	We covered the alcohol/substance
15	abuse issues and questions already. So thank
16	you.
17	CO-CHAIR PINCUS: So just one
18	other just clarification. It's my
19	understanding that there's also there are
20	other, two other parallel measures around
21	significant improvement; is that correct?
22	MS. PITZEN: Oh yes.

1	CO-CHAIR PINCUS: But they're on a
2	different time frame for reexamination?
3	MS. PITZEN: Right. They were
4	recently endorsed in the last phase. We also
5	have two intermediate outcome measures that
6	are looking at the response for the patients,
7	and that is a 50 percent improvement at the
8	PHQ-9 score, again at six and twelve months.
9	CO-CHAIR PINCUS: So let's talk
LO	about importance to measure and report. Jeff,
L1	do you want to say something about the six-
L2	month and I'll say something about the twelve-
L3	month.
L4	MEMBER SUSMAN: Yes. So I think
L5	we're already covered the idea that depression
L6	is an important issue, and that this is one
L7	that's worth concentrating on.
L8	CO-CHAIR PINCUS: And even for a
L9	whole year it's worth concentrating on. So
20	any comments or issues with regard to
21	importance to measure and report, and the
22	evidence supporting that, or with regard to

1	the gap, or with regard to the priority.
2	Okay. So ready to vote. Now we're going to
3	vote for the six-month.
4	MS. BAL: So we can only vote for
5	one at a time.
6	CO-CHAIR PINCUS: Okay. So here's
7	my proposal, is that we vote we essentially
8	vote on the six-month at each of these stages,
9	and then at the end, we go through the whole
LO	thing for the twelve-month, okay? Not the
L1	whole discussion thing, just the whole voting
L2	thing.
L3	(Laughter.)
L <b>4</b>	MALE PARTICIPANT: We'll be the
L5	judge.
L6	MS. BAL: So this is the vote for
L7	0711, which is the six-month measure, and
L8	since this is an outcome measure, we'll be
L9	voting on evidence slightly differently.
20	The options are yes or no for if
21	the rationale supports the relationship of the
22	health outcome to at least one health care

1	structure process, intervention or service.
2	A slightly different decision, and voting is
3	now open.
4	[VOTING.]
5	MS. BAL: Okay. The result is for
6	evidence for 0711 is yes 22, no 0, and we can
7	move forward to gap. The voting is open.
8	[VOTING.]
9	MS. BAL: Okay. The result for
10	gap is high gap for 0711 is high 21,
11	moderate 1, low 0, insufficient 0, and we'll
12	move forward to high priority, and voting is
13	now open.
14	[VOTING.]
15	MS. BAL: Okay. The results for
16	high priority 0711 is high 21, moderate 1, low
17	0, insufficient 0, and we can move forward to
18	scientific acceptability.
19	CO-CHAIR PINCUS: Okay. So let's
20	talk about scientific acceptability. Jeff, do
21	you want to make any comments there?
22	MEMBER SUSMAN: I think without

1	going into the detail, the Committee felt that
2	these were generally reliable and valid.
3	There were not major concerns. Of course, any
4	measure can perhaps be improved. But this was
5	as measures go, pretty darn good.
6	CO-CHAIR PINCUS: Yeah. I think a
7	discussion around the twelve-month one, and
8	I'm not sure whether this fits under
9	reliability and measure specifications, or
LO	whether it fits under usability, is the
L1	question of whether it ought to be reported
L2	out as in different categories of people that
L3	were in remission, people who had significant
L4	improvement or whatever the term was, a
L5	response, and people who are not followed up,
L6	who did not
L7	So that that would provide a more
L8	refined way of reporting it. It seems like
L9	the data are there to do it, and it would be
20	more informative to people. Any response from
21	the measure developer on that issue?
22	MS. PITZEN: Sure, hi, this is

1	Collette again. We actually do have a suite
2	of measures. We haven't put forth all of them
3	for endorsement, but we are publicly reporting
4	the follow-up PHQ-9s that accompanies the
5	outcome measures. So of those patients who
6	have an index and are included in the outcome
7	measure, what is the rate of follow-up at six
8	months and twelve months?
9	We report all of these measures as
10	well. You can compare groups side to side.
11	Like you could pull up the depression
12	remission of the six months measure and the
13	response measure side by side. But they are
14	captured as separate measures, and we are
15	processing
16	The process is we're getting one
17	file of information from our clinics and we're
18	calculating all of the measures that you're
19	talking about.
20	CO-CHAIR PINCUS: Okay. So I
21	guess my comment, you know, doesn't go to the
22	issue of reliability. It actually goes more

to the issue of usability, that it would be good to at least put that together, you know, in one place, so that individual provider groups could be looked at in that way.

But with regard to the specifications, you have the capability of doing that, you know, given the specifications that you have. Other comments on reliability?

MEMBER ROBINSON: Yeah. This is kind of a comment and really more of a question again. I'm just trying to play through the measurement of doing the PHQ-9 at four months, and let's just assume someone has started treatment as soon as they are diagnosed, and they don't do the first PHQ-9 until four months.

Let's assume that person has shown a response to the treatment and started on anti-depressant medications, and their PHQ-9 at that point may be nine or may be less than nine. So I guess what I'm saying is,

1	depending upon when the initial one is done,
2	in relationship to the actual start of
3	treatment, could very well skew these
4	measurements towards patients who are, well
5	let's see.
6	You're going to have a harder time
7	if you use this measure and you delay the PHQ-
8	9 measurement. You're going to have a harder
9	time demonstrating those who are a large
10	portion that would respond quickly and early
11	if you do the PHQ-9 late, as your initial, and
12	then when you do it again.
13	I'm not quite clear what you're
14	getting. You may be skewing your populations.
15	I don't know if I'm
16	CO-CHAIR PINCUS: So I think
17	Collette can respond to that, but I think it's
18	also based on being above a threshold of the
19	PHQ-9, to get into the denominator, and also
20	this also incentivizes providers to do it
21	early. But Collette, do you want to respond
22	to that?

1	MS. PITZEN: Yeah. I can I'll
2	try to clarify a little bit. I mean I've seen
3	this a lot in the clinics and the records
4	through validation.
5	Say you have a patient that maybe
6	you're not quite sure if you have major
7	depression yet, and you're administering the
8	PHQ-9, and you then do that a couple of times
9	before you give the diagnosis.
LO	So that is the one confirming
L1	thing, is you need to have that diagnosis
L2	before we would accept a high PHQ-9 to start
L3	the clock ticking. But in terms of when
L4	you're doing the PHQ-9, I think we're probably
L5	mixing up the process measure and the outcome
L6	measures.
L7	We encourage our groups to
L8	frequently, especially for patients that are
L9	identified as having an elevated PHQ-9, that
20	you're maintaining contact with them and
21	administering the tool on a frequent basis.
22	In terms of are they in remission

1	at four months, we did need to kind of draw a
2	line in the sand, and actually we're looking
3	for remission between five and seven months,
4	is that time window around the six-month
5	measure. So there's like a 60-day grace
6	period.
7	But for everybody, the clock
8	starts ticking at the same time when you have
9	the diagnosis and you have an elevated PHQ-9.
10	Does that help at all?
11	MEMBER ROBINSON: So the index has
12	to be greater than?
13	MS. PITZEN: That is correct,
14	greater than nine.
15	MEMBER ROBINSON: So the initial
16	measurement has to be greater than nine, even
17	if it's
18	FEMALE PARTICIPANT: And a
19	diagnosis.
20	MEMBER ROBINSON: And a diagnosis,
21	which could be still at four months after
22	treatment has started, could theoretically,

1	right?
2	CO-CHAIR PINCUS: Right.
3	MEMBER ROBINSON: So aren't you
4	skewing this towards patients who are, how
5	would you say, perhaps the more severe, and
6	who are less likely to respond early?
7	CO-CHAIR PINCUS: It would be to a
8	provider organization's disadvantage to do
9	that. I don't know if Minnesota Community
10	Measurement has any data reflecting on that.
11	But I don't see why someone would purposefully
12	do this, or systematically introduce this as
13	an important factor.
14	MEMBER ROBINSON: I've raised my
15	issue. It's just that patients respond at
16	different those that respond within two
17	weeks are different than those that are not
18	responding until eight weeks and those that
19	don't respond at all.
20	So I guess what I'm trying to
21	figure out, if one is taking their baseline at
22	four weeks, what is the patient population

1 that you're actually measuring at that time, 2 of those who are less than nine? They may have been -- if they did 3 4 it before the treatment started, they may have 5 been a 9, a 10 or 11. But you started the 6 treatment. You didn't do the PHQ-9, and then 7 they didn't respond. So when you measure it 8 at four months, they already are not going to 9 be in your cohort. So you're really getting 10 those, if you started treatment right after 11 diagnosis, but still delay the PHQ-9, then 12 you're getting the more severe population. This is Collette. 13 MS. PITZEN: 14 I'm going to try one more time. So, when 15 we're talking about a time frame of four 16 months, we're assessing anyone that has the 17 diagnosis of depression, to just kind of see 18 where they're at and make sure that the tool 19 is being given to them. But the difference between the 20 21 outcome measure is it's the elevation of the 2.2 PHQ-9 that is starting that process, and I

1	guess I can understand what you're talking
2	about. If a patient is receiving active
3	treatment, perhaps before a PHQ-9 is given.
4	But it's been my experience that the PHQ-9 is
5	really kind of starting that process and
6	alerting that there's problems or symptoms.
7	The second thing I wanted to share is we do
8	risk adjust by the severity of that patient's
9	initial PHQ-9 score, that's a part of their
10	index.
11	CO-CHAIR PINCUS: Other questions
12	about the validity? Tami.
13	MEMBER MARK: At the risk of
14	sounding biased, I love this measure. I think
15	this is like really like maybe the only,
16	you know, true population-based outcome
17	measure we have for mental health and
18	substance use disorder, and it's actually
19	being used widely and reported in a
20	transparent way.
21	So I think it's quite amazing, but
22	I might be delusional. So maybe that

perception is incorrect. So my question is I just want to make sure I understand, you know, what the data are showing us. Now this measure has been used for a number of years, and I think you talked to this a little bit. I thought what you said was that it's showing increases in follow-up rates.

But if you break out the people who were followed up, I wasn't sure what you were saying there, that the readmission rates have been going up over time, or have been flat over time. So if you can maybe just walk us through again what the trends are overall, and then broken out by whether the follow-up rates are going up since you've been using this measure, and whether the remission rates are going up, because since being used widely, and it's been used for a long period of time, you probably should, you know, assess whether it's moved the needle somewhat.

CO-CHAIR PINCUS: Collette.

MS. PITZEN: Go ahead. This is

1	Collette. Did you want me to respond?
2	CO-CHAIR PINCUS: Yes please.
3	MS. PITZEN: Like I had shared
4	before, the follow-up rates for both the six
5	month and the 12 month measure have been
6	incrementally increasing over the years. The
7	six month measure started in the low 20's, and
8	now it's at 30 percent. But the 12 month
9	measure, again it's a little bit harder to
LO	capture that patient one year out. But that
L1	measure has shown increases in the ability for
L2	groups to capture that follow-up rate.
L3	But in terms of the when I'm
L <b>4</b>	looking at the patients that did have a PHQ-9,
L5	it's a special analysis that we do. We're not
L6	necessarily trending that over time. I know
L7	I have a suggestion. Why don't you just build
L8	your measure just for people that have
L9	followed up, and measure that?
20	Care and practice would not
21	change, and we would still have 80 percent of
22	patients lost to follow-up. But when we

1	when I have done that analysis in the past, of
2	the people that have had follow-up that six
3	and 12 months, 25 percent of them are in
4	remission. Another 25 percent of them are
5	still at a level of severe depression.
6	So there's opportunity for
7	patients feeling better, even in the ones that
8	we are following up. So the poor performance
9	of the measure can't be solely attributed to
10	the follow-up alone.
11	MEMBER MARK: But so you could do
12	a trending of the people who were followed up,
13	you just haven't yet, correct?
14	MS. PITZEN: I have not trended
15	that, no.
16	MEMBER MARK: That would be
17	interesting to see.
18	MS. PITZEN: This is Collette. It
19	would be interesting, but however we
20	wouldn't want to promote that as the new
21	measure.
22	MEMBER MARK: I get that. I

understand that. I just think it would be nice to know if the measure was moving the needle on improvement in depression outcomes.

MS. PITZEN: I think one thing
that helps is that if we look at the numerator
cases over the years, the number of patients
that actually have achieved remission has
improved fourfold. So we know, but we are
making a difference.

CO-CHAIR PINCUS: So I think

Tami's also touching on a broader issue that

I think is important. We may come back to it

again when we talk about the process of this

meeting and our new role as a standing

committee, is that sort of getting information

about the performance of measures going to be

really important as this committee continues.

So that we, number one, can have a better understanding of the context in which we're evaluating measures, and number two, can think of ideas for how to improve the measures, and number three, identify where the

gaps are, in terms of the measurement process.

So I think that that's something that, you know, we should think about in a more formalized way, in terms of how to get the information or feedback about the performance of existing measures, both in terms of their uptake as well as, you know, whether the needle is moving.

MEMBER SUSMAN: And I think to add just another brief thought about that, it seems to me if we can give feedback to the field in some of these measures, which are very strict, and I think, you know, it's really laudable in my mind that they have taken a strict approach to this.

But there may be a role for NQF, in demonstrating to the field that while we still aren't making the improvement in remission that we might, there are indications early on that we're at least getting people in follow-up a little better. We're actually doing PHQs, and you can't get to documented

1	remission until you do those things. So we're
2	not there, but there is some at least early
3	signal that we might be improving.
4	CO-CHAIR PINCUS: Okay. Dodi and
5	David.
6	MEMBER KELLEHER: Mine is not a
7	comment on the specific measure reliability or
8	validity, but to follow up on a very simple
9	thing that would make more sense to me is if
LO	we could in the future see the whole suite.
L1	I know off cycle it, but you know, it would
L2	probably have more meaning in terms of impact
L3	on quality if we knew, you know, saw it all
L <b>4</b>	the response and the remission at six months,
L5	response and remission at 12, and having it
L6	off cycle. It's sort of a little
L7	disconcerting for me.
L8	CO-CHAIR PINCUS: Good point.
L9	David.
20	MEMBER EINZIG: So a question,
21	just to make sure that we're comparing apples
22	to apples in terms of clinics and providers.

1	Are we separating out the locations and other
2	variables, for example, urban clinics, versus
3	upper middle class suburban clinics, versus
4	Indian Health Services, or rural areas?
5	Because I would imagine there would be
6	differences.
7	CO-CHAIR PINCUS: So there is risk
8	adjustment built into this measure, and but
9	Collette, do you want to respond to that?
LO	MS. PITZEN: Sure. So for our
L1	public reporting website and our consumer-
L2	facing website, we typically will do some
L3	stratification by specialists, versus primary
L <b>4</b>	care providers. So that is one option. We
L5	also, for another project that we do, we look
L6	at things in terms of health care disparities,
L7	but we typically are not it would be
L8	interesting, but we currently are not doing
L9	that kind of stratification in our reporting.
20	CO-CHAIR PINCUS: Peter.
21	CO-CHAIR BRISS: And since risk
22	adjustment in general is a hot topic at the

1	moment, can you review for us the variables
2	that go into the risk adjustment model, and
3	how much different they made?
4	MS. PITZEN: This is Collette
5	again. I'm not a statistician. I'm trying to
6	find the information that we provided in terms
7	of that. I'm sorry. I'm just looking through
8	my notes here.
9	MEMBER SUSMAN: There is an
10	extensive description, I think, beginning on
11	page eight of the document and going through
12	the risk model.
13	MS. PITZEN: Right. So the
14	variables that we're looking at, we're looking
15	at age bands 18 to 25, 26 to 50, 51 to 65.
16	Gender was evaluated. We're looking at the
17	severity of the depression, based on the
18	initial index, and then our
19	MEMBER SUSMAN: And also payor.
20	MS. PITZEN: Pardon?
21	MEMBER SUSMAN: And also payor.
22	MS. PITZEN: Actually, that is

1	captured through insurance product, which is
2	a roll-up of payors, and that is part of the
3	risk adjustment model as well. So to just
4	quote some of the statistics, the Pierson
5	correlation compares the risk-adjusted and
6	unadjusted depression outcome rates as .95,
7	showing a strong correlation between the
8	unadjusted and adjusted depression measures.
9	Kendall's tau correlation was at .81, still
10	strong but not as strong as the .95 with the
11	other method.
12	So our statistician and the group
13	that's working on this felt that this was a
14	reliable risk adjustment model.
15	CO-CHAIR PINCUS: Other comments
16	or questions about reliability or validity?
17	Okay. So I guess we're ready to vote. So we
18	can go through the reliability and validity
19	voting components.
20	MS. BAL: Okay. Voting's now open
21	for reliability of 0711.
22	Okay. So the results for 0711

1	for reliability is high 19, moderate 3, low 0,
2	insufficient 0, and voting for validity is now
3	open.
4	So the results for 0711 validity
5	is high 18, moderate 4, low 0, insufficient 0,
6	and we can discuss feasibility now.
7	CO-CHAIR PINCUS: So with regard
8	to feasibility, Jeff, do you want to add
9	anything?
10	MEMBER SUSMAN: I think the
11	results speak for themselves. Tens of
12	thousands of participants across the state.
13	CO-CHAIR PINCUS: I would agree.
14	You know, it's not easy to do it, but it can
15	be done and you know, it takes leadership to
16	do that.
17	CO-CHAIR BRISS: And the other
18	thing about that is that it's been done in
19	tens of thousands of people. But the follow-
20	up rates are still like at 30 percent, right?
21	Isn't that what we heard?
22	CO-CHAIR PINCUS: So I guess the

1	point being that it's not so much that the
2	measurement's a problem; it's the getting
3	people to actually do the clinical care is the
4	issue. Any other comments with regard to
5	feasibility? Okay.
6	MS. BAL: Okay. Voting is now
7	open for feasibility for 0711.
8	Okay. The results for 0711
9	feasibility is high 16, moderate 7, low 0,
LO	insufficient 0, and now we can speak about
L1	usability.
L2	CO-CHAIR PINCUS: With regard to
L3	usability and use, I think we've already heard
L4	some comments about displaying it in a way
L5	that you could see the different categories
L6	sort of lined up. But any other comments
L7	beyond that?
L8	MS. BAL: Okay. Voting's now
L9	open.
20	Okay. The result for 0711,
21	usability and use, high 17, moderate 5, low 1,
22	insufficient 0, and we can move on to the

1	overall vote, unless there's further
2	discussion.
3	CO-CHAIR PINCUS: Okay. Any last
4	comments?
5	MS. BAL: Okay. Voting's now open
6	for overall suitability.
7	Okay. So for the result for 0711,
8	overall suitability, we have yes 23, no 0, and
9	we can proceed forward with 0710.
LO	CO-CHAIR PINCUS: So now we're
L1	going to go through all of the voting for the
L2	12 month one, and before we do that, is there
L3	any comments? Do people have any issues they
L <b>4</b>	want to bring up in distinguishing between the
L5	six month and the 12 month?
L6	MEMBER SUSMAN: Well, first I have
L7	two comments. One is I just want to ask, will
L8	there be at the staff level any harmonization
L9	with this in the NCQA measures, or they're
20	really just two different sectors of the
21	world, kind of measuring the same things in
22	other depressions?

1	CO-CHAIR PINCUS: So we're
2	supposed to have a harmonization discussion at
3	the end.
4	MEMBER SUSMAN: I know. But
5	usually harmonization is within the data, the
6	set that we have, right? Or is the
7	harmonization
8	(Off microphone comments.)
9	DR. BURSTIN: Yes. We have the
LO	harmonization discussion scheduled. We have
L1	them scheduled for later today. If we don't
L2	get to them, we're going to do them on our
L3	December call. But it's not just between
L <b>4</b>	or within the measure, but it's actually
L5	different measure developers. We want to make
L6	sure that if the measures aren't competing, if
L7	they're just related, that they're harmonized
L8	to the extent possible so there are comparable
L9	results. So we'll definitely have that
20	conversation.
21	MEMBER PATING: And then with
22	regards to 12 months, I think there is a

1	question, you know, of the low I guess it's
2	the change, the delta from the six months to
3	the 12 months. So whether that is
4	significant, is it enough just to measure
5	progress at six months or do you want to put
6	out a second measure again at 12 months, kind
7	of move the system more incrementally?
8	I know that 12 month outcome is
9	important, but just the data didn't show that
LO	there was a lot of movement from measuring at
L1	six to measuring at 12. So I guess I don't
L2	know. I don't even know where it fits. I
L3	mean on a practical level, did it make a
L <b>4</b>	difference to do it at 12? So that would be
L5	the question that I would ask.
L6	CO-CHAIR PINCUS: I'm not sure we
L7	know.
L8	MEMBER SUSMAN: Yeah. I was going
L9	say I'm not sure the state of our evidence is
20	there, to be able to even answer that. My
21	sense is that it comes to what is going to be
22	most effective in the health system over time,

1 to move practitioners and systems to do things 2 differently, and where does it matter? 3 I mean for example, for some 4 patients who have more severe depression, we 5 know certainly that you might have to go 6 through two or three drugs. There might be a 7 referral and other processes that would make 8 it unfair to say at six months has the person reached remission, or might be anticipated 9 10 from the data we do have, that it would be a better measure of total outcome to say at 12 11 12 months. 13 CO-CHAIR PINCUS: I mean my view 14 is that sort of the secret sauce in depression 15 care is ruthless follow-up, and I think this 16 encourages that. Any other comments, 17 questions? Okay. So now we're going to go 18 through, you know, the voting process for the 19 12 month one. 20 MS. BAL: Okay. So for 0710, 21 evidence is now open, and the options are 1 2.2 yes, 2 no, since this is an outcome measure.

1	All right. So for evidence for
2	0710, we have yes 22, no 0. Okay, now voting
3	for sorry, wrong one. Ignore that. Voting
4	for gap is now open for 0710.
5	Okay, and the result for 0710 for
6	gap is high 23, moderate 0, low 0,
7	insufficient 0, and voting for high priority
8	is now open.
9	Okay. The result for high
LO	priority for 0710 is high 22, moderate 1, low
L1	0, insufficient 0, and we can vote on
L2	reliability now. We are waiting for two more
L3	votes, so everybody please make sure to vote.
L <b>4</b>	Okay. So the vote for
L5	reliability for 0710 is high 21, moderate 1,
L6	low 0, insufficient 0, and voting for validity
L7	is now open.
L8	Okay. So the result for 0710
L9	validity is high 19, moderate 3, low 0,
20	insufficient 0, and we can vote for
21	feasibility now. If everybody could just make
22	sure to vote, please? We're missing a few.

1	Okay. The result for feasibility
2	for 0710 is high 16, moderate 6, low 0,
3	insufficient 0, and we can move forward with
4	the vote for usability and use is now open.
5	Okay, and the vote for usability
6	and use for 0710 is high 19, moderate 4, low
7	0, insufficient 0, and now the vote for
8	overall suitability is open. If everybody
9	could please vote. We are missing a few.
10	Okay. The result for overall
11	suitability for 0710 is yes 23, no 0, and this
12	measure will move forward for endorsement.
13	CO-CHAIR PINCUS: Terrific. So
14	now we're on our last measure to consider.
15	(Off microphone comments.)
16	CO-CHAIR PINCUS: Yeah, for this
17	set. No, we don't have anymore. No, what I'm
18	saying we're done. Now we're on the yes.
19	Now we're on the last one. Yeah. You scared
20	me for a minute.
21	(Off microphone comments.)
22	So this is so this is Measure

1	No. 2620, Multidimensional Mental Health
2	Screening Assessment, and we have the measure
3	developer here to tee it up.
4	DR. DAVIS: Thank you. Can you
5	hear me okay? All right, great. Hi. So I'm
6	Steve Davis with M3 Information. So our goal
7	with this measure, and we've been through
8	several iterations and, you know, there were
9	several of you who were on the call, I think,
10	a week or so ago, and discussed some concerns
11	about how we wrote it up.
12	I'm a practicing psychiatrist.
13	This is the first time I've written one of
14	these things for you guys. I've done it on
15	EURAC, but not over here. So you know, I
16	appreciate being gentle with me, if you can.
17	(Laughter.)
18	CO-CHAIR BRISS: We haven't too
19	much of a capacity for that.
20	DR. DAVIS: That's why I asked
21	that question. So one of the challenges that
22	we see in primary care, you know, as all of

you know, primary care providers do the lion's share of treating people with mental health problems, depression, anxiety disorder, some milder bipolar disorder, some mild to moderate PTSD, drug and alcohol abuse.

And those numbers range from 50 to 75 percent of people doing that, and they don't have psychiatrists in other -- or psychologists, other people to help them.

They are not using tools, other than maybe the PHQ-9. In fact, just in the past month, I interviewed about five FQHCs about this, and most -- almost all of them were doing the PHQ-9.

None of them were checking for bipolar disorder, and we know that 20 percent of people who screen positive for depression have bipolar disorder. In fact, even in the study from the University of Pittsburgh last year that was in JAMA, about looking at screening 10,000 women, postpartum women for depression using the Edenberg, and then doing

a SCID on the ones who scored positive.

2.2

Twenty-two percent of them had bipolar disorder based on the SCID, very high. So by just using the PHQ-9 -- and I understand that these last Minnesota ones excluded people with bipolar disorder. I didn't see how they excluded them. I don't know what they did to make sure people didn't have bipolar disorder.

But the challenge is what

everyone's doing is they're pretty much doing

PHQ-9 and figure okay, we're done with

behavioral health, and they're not. In fact,

they're guaranteed to be mistreating some

fifth of their patients who score positive for

depression.

Anxiety disorder is twice as common as mood disorders, and are highly managed in behavioral -- in primary care practices, but there's no systematic way of assessing that. Nobody's doing it. How are you doing? Okay, fine. Here's your Xanax or whatever.

1	So we set out to have a
2	multidimensional mental health assessment tool
3	that assesses the common domains that are seen
4	in primary care practices, and mood disorders
5	including bipolar disorder, anxiety disorders
6	including PTSD, drug and alcohol abuse.
7	Screening questions. Now this is
8	a process measure. So let me say something
9	about that, because in my initial application
10	to this, we got it kind of, I think, conflated
11	between process and outcome. I think we've
12	cleaned that up pretty well, and it's really
13	about the process measure.
14	And that is, I think, a bar at
15	which to start, because this is not being done
16	at all now in primary care practices, and
17	patients are not getting screened and
18	adequately assessed, a screening tool like
19	ours or any others.
20	I mean there's the full PHQ. I
21	haven't seen anything about the PHQ, the full
22	28 question PHQ for years, which looks at a

1 number of different domains. Nobody's using 2 it, I think because it takes too long and it's not practical. 3 4 But there are practical tools. 5 We've developed one that can be used in 6 outpatient settings by primary care doctors, 7 and we've added the proviso, and hopefully --8 well, you have on screen, you have the most recent revision of this, which includes 9 10 measuring this in practices that have staff-11 supported care, that can help in further 12 diagnosis, referral and management. Like what's added in the U.S. 13 14 Preventive Services Task Force for Depression They say well, you should only do 15 Screening. 16 it if you can do something about the result, 17 and we're saying the same thing. 18 So that's kind of, I guess, the 19 basic thing that we're trying to do here. 20 I'll just point out a couple other things that 21 I think are -- I think I heard Peter, you 2.2 talked about let's vote for absolutely

1	shocking.
2	Well, some of the absolutely
3	shocking things to vote for are that a third
4	of patients, only a third of patients with
5	these problems are receiving any treatment.
6	Of the ones who are, a third of those are
7	receiving minimally adequate treatment.
8	So we're talking about 12 percent
9	of these patients getting minimally adequate
10	treatment, which is just not acceptable and we
11	could continue to do kind of single
12	dimensional things, or we could do something
13	broader, and that's kind of what I'm hoping to
14	do.
15	The final point, I guess, is World
16	Health Organization, top 15 causes of global

The final point, I guess, is World Health Organization, top 15 causes of global disease burden in developed countries. Five of the top 15 are behavioral health, depression, bipolar, panic disorder, alcohol, schizophrenia. So we have to pay attention to this.

I think that in my work with

17

18

19

20

21

22

1 patient-centered medical homes, and in fact 2 we've got NCQA has looked at us and we have 3 the only NCOA recognition for a mental health 4 measure in patient-centered medical homes. 5 They have recently added, as I'm 6 sure many of you know, a greater focus on 7 behavioral health, and when I talked to 8 patient-centered medical homes, what they're 9 focusing on is making sure that they get, you 10 know, I have to do a behavioral health quality 11 measure, so let's pick one. They picked 12 depression. Unless we have something that's 13 broader, they're just going to keep picking 14 depression over and over again, and we're not 15 going to get off the dime. 16 CO-CHAIR PINCUS: Okay. So Mike, 17 do you want to --18 MEMBER LARDIERI: Great, thanks, 19 yes. So --CO-CHAIR PINCUS: And let's focus 20 21 on the, you know, the importance to measure 22 and report this focus.

1	MEMBER LARDIERI: Right. So the
2	work group identified that it was important to
3	screen across multiple dimensions, for some of
4	the reasons that the developer had identified.
5	So we were pretty clear that yeah, you should
6	it's important to do this, and then
7	there's, you know, some issues around the gap.
8	There's a wide gap around
9	screening in primary care for multiple
10	behavioral health disorders, and we were
11	pretty clear on that as well. There was some
12	discussion that the well, that gets into
13	the other thing. Some discussion about
14	whether, as initially presented, it was to use
15	the M3 specifically.
16	But I think this revision here is
17	not specifically to use the M3, but to use the
18	multidimensional screening tool. So that's
19	been revised since we had our discussion. So
20	gaps yes, and importance, yes, was the work
21	group discussion.
22	CO-CHAIR PINCUS: So you want to

respond to -- anybody have any comments or questions with regard to the importance to measure and report?

MEMBER ZUN: I'm coming from a different angle on this. I think that doing this kind of analysis or survey of patients in an ambulatory practice is important. The one concern I have is we never really look at this overall, you know. There's so many different requests from so many different groups in an ambulatory setting that, you know, how do they have the resources and time and money to do all these things and make referrals?

So and this may be more an aside, but you know, I really think we should start looking at alternatives, like could we have a web-based program, and require them to do a web-based program, and to document that they did a web-based, rather than having people administer all these different tools.

So maybe that gets more into measures. But I think we need to start

1	pushing that agenda, rather than adding more
2	and more surveys for primary care practices,
3	ambulatory practices. Thank you.
4	CO-CHAIR PINCUS: Raquel.
5	MEMBER MAZON JEFFERS: I just had
6	a question. Maybe it's part of the
7	harmonization discussion, but is this being
8	proposed instead of other separate screenings,
9	or so we just voted on a host of measures
10	using the PHQ-9 to screen for major
11	depression. This multidimensional tool
12	includes major depression. We also just voted
13	on a host of other screening tools for
14	substance use.
15	So I'm just trying to be clear.
16	Is this the use of the multidimensional
17	tool, is that being proposed instead of the
18	separate tools?
19	DR. DAVIS: So I could comment on
20	that. So the last three measures that you
21	looked at only applied to people with major
22	depression or dysthymia, not bipolar, not

anxiety, not other things. So I think it's a separate thing, at least compared to those three measures.

CO-CHAIR PINCUS: I don't know if you want to comment, the developer, about the web-based comment, because my understanding is this is web-based, as well as being able to give it to --

DR. DAVIS: Well, it certainly can be. Our screening tool, which we make available for free, is in fact web-based.

It's also app-based, so you could do it with any browser. You could do it using an app.

But that's about screening.

The comment, I think, was about treatment and the overwhelming requests on primary care providers, as far as making referrals and so forth. There certainly, this goes kind of beyond the measure. But there are certainly already a number of web-based behavioral health tools that are being used to manage patients, and to do kind of some lower

1	level treatment.
2	CBT online, for example. There
3	are a number of those things that are either
4	online now or coming online, and I won't get
5	into the evidence about those. But those
6	things do exist.
7	CO-CHAIR PINCUS: Jeff and Bob and
8	oh. Vanita, you had yours up first? Okay.
9	Well, Jeff and Bob and Vanita.
LO	MEMBER SUSMAN: Could you
L1	describe, measure developer, just a bit more
L2	about what you believe the causal pathway is
L3	here? So I'm trying to link this with
L4	outcomes in patients.
L5	DR. DAVIS: Yes.
L6	MEMBER SUSMAN: So just strictly
L7	looking at the evidence basis as opposed to
L8	any of the other potential issues that might
L9	be raised.
20	DR. DAVIS: Right. So we know
21	that, for example, anxiety disorders are
22	highly prevalent in primary care practices.

Yet there's not screening for it, and if you're only using something like the PHQ-9, you know, if all you have is a hammer, everything looks like a nail.

So even people with anxiety disorders have mood disorder symptoms. But you're kind of blinded by not asking more specific questions. By doing that, and of course it's also the case that there's a lot of comorbidity.

So just because somebody has depression doesn't mean they do or don't have anxiety. There's a lot of overlap. So you can't just find one condition and say go home, we're done. By having a better sense of what their symptoms are, then you can tailor the treatment more specifically to that particular patient.

You can make better referral decisions, because if you find those 22 percent of patients with depression actually have bipolar disorder, and your practice

1 doesn't feel comfortable or doesn't have the 2 supports needed to manage that, you're going 3 to make a referral decision for that patient. So those types of better decision-4 5 making would lead to better management, better 6 outcomes. I think that without starting 7 somewhere, and I think this is kind of a lower 8 bar, starting somewhere to evaluate well, who's actually doing this, and I think Leslie 9 10 what you said about throwing more surveys at 11 primary care practices, that's absolutely 12 right. 13 So right now they've got Medicare 14 asked them to do depression and alcohol, 15 because if you combine that into one, now 16 you've got one instead of two. If you can do 17 several in one, then that's less for them to 18 do, and they can get more of it, the patients 19 and the providers. 20 CO-CHAIR PINCUS: Bob. 21 MEMBER ATKINS: We thought about 22 exactly the same issue, Medicaid health plans,

okay, around the country. We thought about exactly the same issue, what we say is good, especially from Medicaid numbers, dramatic over-reliance on the PHQ-9. When we have people with all kinds of serious mental illness, serious and persistent mental illness.

So we use the K-6 as a high level screener, for exactly the same rationale as you have, with the idea that if someone screens positive, we then do a substance use screen to catch the co-occurring, and then send them to a clinician and treat them, and try to make the referral. So we don't need to drop into the level of detail, because we're not the treaters.

I would think that as we have

PCMHs and ACOs that are starting to accept

population risk, that would be an exceptional

use for this, because they'd have to find

people and provide the treatment for the K-6.

It's not -- it's too blunt an instrument for

that, and yours -- there may be others, but
yours seems pretty -- a better instrument for
that.

on the application, where it would return value to the entity that's doing the screening. I think that having it available for all the reasons you've talked about would be of tremendous value globally. But I don't know that it should be blindly said, well now we have to do this on top of that, on top of that.

I understand that concern. I
think it's a realistic concern. But I think
having it available as one of the critical
tools in our toolbox is where I would see the
value that this adds.

DR. DAVIS: Yeah, and let me just comment. You're right. ACOs and PCMHs are probably one of the types of groups that are much more likely to implement something like this, and the supports that are needed,

1 because they're on the hook for it. 2 So they're going to bring in behavioral health. They're going to make sure 3 4 that they have programs that can track these, and you know, if you look at -- of course the 5 6 excess cost in medical conditions, because of 7 poorly managed or diagnosed mental health 8 problems. In Maryland Medicaid, for example, 9 10 for 2011 adult data, we find that patients --11 we looked at 10 different DRGs, and this is in 12 your report as well, diabetes and CHF and so 13 forth. People with comorbid, these are 14 Medicaid patients -- comorbid mental health 15 conditions had a hospitalization relative risk 16 compared to those without, of two to four 17 times across 10 different DRGs. 18 MEMBER ATKINS: Our data 19 consistently replicates that. 20 DR. DAVIS: Substance abuse was 21 If you had the trifecta, four to seven times. 2.2 I call it the triple threat, a chronic medical

1	problem, mental health, substance abuse across
2	the 10 DRGs, 18 to 15 times the
3	hospitalization rate.
4	MEMBER ATKINS: Yeah.
5	DR. DAVIS: So we've got to do
6	something about it, and thank you for your
7	comment.
8	MEMBER ATKINS: Absolutely.
9	CO-CHAIR PINCUS: Vanita.
LO	MEMBER PINDOLIA: I think my
L1	question is on the data. I'm just very
L2	confused, because originally this was
L3	specifically for M3, and that's where all the
L <b>4</b>	data And now I heard that they're and
L5	now it's not. So I think my question's going
L6	to come more when I look at that data portion.
L7	MEMBER SUSMAN: Could I just
L8	clarify?
L9	CO-CHAIR PINCUS: Larry is next.
20	MEMBER MILLER: I think this is a
21	valuable tool, and I've got more of a
22	technical question that sort of follows up on

1	Raquel's question about harmonization, and
2	Les' questions about over-supply of process
3	and surveys, screening tools.
4	And maybe this will come up with
5	the harmonization, but I'm just sort of
6	curious now for the staff or whatever. If we
7	like this and endorse it, what do we do with
8	some of the other tools that don't quite take
9	care of all these global kinds of issues, and
10	how do we deal with that then?
11	(Off microphone comments)
12	MEMBER MILLER: Right, I'm sorry.
13	But if we endorse it, then we've got all these
14	others.
15	DR. BURSTIN: Even prior to the
16	endorsement decision, if there are competing
17	measures, we'll bring that before you and
18	you'll have an opportunity to discuss it. But
19	for now, we ask you to look at the measures
20	individually, on their own merit, and then
21	we'll come to that.
22	MEMBER MILLER: All right.

1	CO-CHAIR PINCUS: So Peter and
2	then Dodi.
3	CO-CHAIR BRISS: So I had a so
4	I don't recall seeing any actual data
5	presented about the relationship of using this
6	screening instrument and the outcomes. I
7	understand that you've made a conceptual case,
8	that people are under-recognized. We think we
9	have treatments for some of the conditions
10	that you might recognize, and that ought to
11	result in better outcomes.
12	So I think the logic model is
13	clear to me, but I haven't seen any actual
14	data sort of supporting that, the logic model.
15	Am I right?
16	DR. DAVIS: So that's where I
17	think things got confusing with the initial
18	application, because we had a lot of data on
19	our particular instrument. But the measure
20	being submitted was a process measure, the
21	percentage of patients in an adult population
22	who have had this screening in the past 12

1	months, versus not.
2	And so we took our instrument data
3	out of that, because it was really considered
4	to be irrelevant to the process measure.
5	CO-CHAIR BRISS: But as a general
6	as a general rule, if you're submitting a
7	process measure, you know, you're supposed to
8	make a case that the use of the process
9	measure would result in better outcomes,
10	right?
11	So at this point, I'm not asking
12	you about reliability or validity of the
13	measure itself. I'm asking about whether you
14	have empirical data that links this sort of
15	screening to better outcomes.
16	DR. DAVIS: Right.
17	CO-CHAIR BRISS: And especially in
18	the context of I think we just rejected
19	kind of a similar pediatric measure yesterday,
20	because it didn't have a great link to
21	outcomes. But it looked like based on the
22	submission, I think it had more documentation

1	of outcomes than this one does.
2	So I'm just trying to I'm
3	trying to get clear in my head, sort of, your
4	relationship of screening and better
5	treatments and outcomes, and I'm trying to
6	make sure that we're handling, sort of
7	conceptually, similar measures in a reasonably
8	consistent way.
9	CO-CHAIR PINCUS: Steve, you can
10	respond, and then Dodi and Jeff.
11	DR. DAVIS: All right, thank you.
12	So in what we took out was sort of, for
13	example, although I think maybe some of it, in
14	the appendix there's still, I don't know, a
15	five page document or so, that describes some
16	data from the University of California at San
17	Diego, where across four sites our particular
18	measure, multidimensional mental health
19	screening tool was used across four sites, 12
20	different physicians, and that data showed
21	that all 12 providers found it to be useful.
22	I forget all the other aspects to

1	it that I had in there, but it should be in
2	your appendix. So we've used it there. We
3	have there's a large ACO in New York City
4	that is currently using it. They are
5	collecting data.
6	We did get some we did not get
7	any specific numbers out of them, other than
8	some anecdotal data. They had some pre/post
9	measures with respect to suicide attempts in
10	their population, and found that there were
11	nine suicide attempts in a period of time.
12	Prior to initiating this, zero; afterwards,
13	again it's the anecdotal data.
14	CO-CHAIR PINCUS: So I just want
15	to just clarify something. So you made a
16	change in the measure, so that you're not
17	specifying a particular patient-reported
18	outcome measure, but that there be
19	DR. DAVIS: Yes, and it calls for
20	a validated multidimensional measure or tool.
21	CO-CHAIR PINCUS: And do you have
22	a list of them that are

1	DR. DAVIS: We do mention several.
2	We mention ours. We mention the mini. We
3	mentioned
4	CO-CHAIR PINCUS: Right, right.
5	You mentioned them, but what would be how
6	would this how could this be uniformly
7	applied across the country, so to speak, as
8	in a reliable way?
9	DR. DAVIS: Right. So for
10	example, we kind of looked at the model that's
11	being used for depression now, which calls on
12	users to use a validated depression screening
13	tool. I'm wondering how it's different than
14	that.
15	CO-CHAIR PINCUS: Well we just
16	talked about using the PHQ-9.
17	MEMBER SUSMAN: Can I clarify just
18	with staff what our task is, because I'm
19	really confused about whether we're looking at
20	the M3 or whether we're looking at the broader
21	idea of any quote validated tool.
22	(Simultaneous speaking.)

1	MEMBER SUSMAN: I hear what you're
2	saying, but I'm not sure
3	DR. DAVIS: It's really just about
4	the process measure. I don't know.
5	DR. BURSTIN: It has to be about
6	the measure before you, not the broader issue.
7	Whatever the measure is before you, what's
8	included in it is what you need to make the
9	decision on.
10	(Off mic comment.)
11	CO-CHAIR PINCUS: I assume that
12	the measure has changed since the previous
13	discussion.
14	MEMBER SUSMAN: Yes. I mean we
15	had materials sent to us, and now I'm hearing
16	so do you see what I'm
17	DR. DAVIS: Yes. If I could
18	comment on that. We've had when we had our
19	conference call a week, two weeks ago,
20	something like that, the committee who were on
21	the conference call asked for specific changes
22	to clarify our submission.

1	We worked for many hours with
2	them, with Lauralei and Angela and Sarah,
3	helping to make sure that we understood what
4	was being requested of us.
5	I think that we answered that
6	appropriately, and that's so we made the
7	changes recommended by the Committee in what
8	you have before you now.
9	MS. FRANKLIN: Steve, did you want
10	to sort of summarize?
11	(Off mic comments.)
12	MEMBER SUSMAN: For Helen or
13	Lauralei or whoever's the appropriate person,
14	I mean, do we do something based on the
15	developer that's just before us now, having
16	not seen it, or do we use what was submitted
17	and we all had the chance to review and I was
18	on that small work group?
19	I guess we could go either way.
20	my own sense is that having stuff come in the
21	day of the review makes it very hard to give
22	it appropriate due diligence.

1	MS. FRANKLIN: So Steve, if you
2	could give us a quick summary of what exactly
3	changed. I don't think any of the underlying
4	material has changed. You have taken out the
5	tool, the specific reference to the tool and
6	kept retained the multidimensional aspect
7	of the measure.
8	DR. DAVIS: Thank you. Yes, that
9	is so we took out mention because, again,
10	it was thought to be confusing about is this
11	a process measure or is this an outcome
12	measure. So we took out any of our
13	(Off mic comments.)
14	DR. DAVIS: So we made it much
15	more clearly around the process measure that
16	we had defined. There was a comment as well
17	about, well, just screening for something and
18	not doing something with the results, not
19	having staff to make referrals or better
20	treatment, diagnosis and so forth was was
21	not very useful.
22	So we added in the definition,

1	both in the numerator and denominator,
2	language to make it clear that this applied to
3	practices like ACOs and PCMHs, for example,
4	that did have those staff supports to be able
5	to manage the diagnoses that they come up
6	with. Those are essentially I think those
7	are the main points, changes.
8	CO-CHAIR BRISS: So now
9	CO-CHAIR PINCUS: Let me sort of -
10	-
11	DR. DAVIS: I told you I'm a
12	neophyte at this, and I probably screwed it
13	all up, but I'm doing the best I can.
14	CO-CHAIR PINCUS: Well, let me see
15	if I can so I think we're talking about two
16	different issues here. One is we've been
17	talking about the importance to measure and
18	report this concept, this focus, and so there
19	are issues there.
20	But there's a separate set of
21	issues in terms of the lack of specification
22	of the information before us, about what it is

1 we would be voting on, and I think that's a 2 bigger issue. I mean we can talk about the concept, and I had my thing up because I had 3 4 some concerns about the concept. 5 But I'm not sure we're in the 6 position to be informed and to vote on what is 7 the specification of this measure that we would be voting on. 8 9 MEMBER PATING: I feel like we 10 just can't take eleventh-hour consideration. 11 We really need to look at the documentation 12 and consider these carefully. It's not a 13 visibly fair process, but also I think there's 14 still some structural concerns that really 15 need to work out. 16 In the pre group, there was two 17 issues. One issue had this concept paper, but 18 you had no data backing the concept up, and 19 you submitted specific indicator, the M3, 20 which is the study that you've done. 21 We asked you pick one or the

Either fill out the big picture or

other.

1 give us the M3 indicator, and you actually I 2 think took out the best part, which is the 3 data around the M3. But we still have this chasm, 4 5 which is the concept, but no data, no 6 specifications, no trial, no validity or 7 reliability. So we're really stuck to go into 8 this detail now, and I just feel like I can't even give this a vote. 9 10 I'd like to table this if we can, if there's such a thing. 11 12 CO-CHAIR BRISS: Yes. There's a 13 thing called deferring actually, and so 14 essentially we could defer to a later date, 15 which I would recommend that we do. 16 there are -- on the one hand you're to be commended, frankly, for trying to make a lot 17 18 of changes in response to the work group call, 19 right. So but clearly, it made you and 20 21 made us try to react to too many changes in 2.2 not enough time. And so what I would

recommend is that we defer this one, which is essentially tabling it for a future time.

That would allow you a little bit of extra time to work with staff and possibly some members of the Committee about what would be needed, so that we could actually make a reasonably decision on this.

That saves us and you from -- it saves us from having to vote it down. It saves you from having to have it voted down and we could have a better discussion, I suspect, at a future date based on better information and more understanding of the process. So that's what I think I would recommend.

MS. DORIAN: We actually already
-- no. We actually already have a postcomment call scheduled for January 8th, and
oftentimes issues that weren't able to be
resolved at the in-person meetings got
discussed there, and measures are voted on
again or for the first time if there wasn't

1 enough information. So that's a potential 2 solution. 3 CO-CHAIR BRISS: I'd be careful 4 about that, I think. This strikes me as being 5 a possibly complicated measure. I don't see 6 this one as being -- yes. My feeling is that 7 if we were going to try to handle a measure by 8 phone, I'd rather have it be a sort of a no-9 brainer, and my guess is that this one won't 10 be a no-brainer. 11 But I think we ought to defer at 12 this time, and talk about, you know, when and 13 how we could bring it back up for a 14 reconsideration is what -- I thought I saw a 15 fair amount of head-nodding around the table. 16 Are people generally okay with that? Is staff 17 okay with that? 18 MEMBER PINDOLIA: One more 19 I think the discussion of having M3 comment. 20 be the specific tool versus any validated

multidimensional tool, the data you had with

M3 gave a lot of data. The concern was it

21

1 didn't address the substance abuse, which was 2 a very important part of a multidimensional 3 tool. 4 So I just don't want you to come 5 back just with all M3 again, I think is at 6 least my --7 DR. DAVIS: Sure. Yes, we did have substance abuse data, but I guess we 8 didn't present it or highlight it in a way 9 10 that was helpful. 11 CO-CHAIR PINCUS: So assuming that 12 we are now going to be deferring this, are 13 there additional comments that people have? 14 CO-CHAIR BRISS: The other comment 15 that I would make, as you think about how to 16 bring this back is so in some ways, I consider the Preventive Services Task Force to be the 17 18 gold standard in sort of making the case that 19 some intervention or bundle of interventions improves outcomes, and that's a case that I 20 21 didn't really see in the materials that you 2.2 presented today.

1	So you might look to them for some
2	examples of how they're marshaled evidence
3	about what intervention am I talking about,
4	and how do I know that if I do it, it will
5	improve outcomes, and you might use some of
6	those as examples.
7	DR. DAVIS: Thank you.
8	CO-CHAIR PINCUS: And so Dodi and
9	David.
10	MEMBER KELLEHER: Yes. Just
11	really quickly. I suggested on the prework
12	call, and I suggest again that you might want
13	to look at successful measures like the
14	Minnesota Community process and then suite of
15	outcome measures as sort of an example of what
16	you need to get passed and endorsed.
17	DR. DAVIS: If I can respond to
18	that with a question. I appreciate your
19	feedback. So what I found challenging in
20	doing that was comparing our process measure
21	application with those outcome measure
22	applications. I continue to get kind of

1	tripped up with the
2	CO-CHAIR PINCUS: So number one is
3	you have to decide
4	DR. DAVIS: Is it just me?
5	CO-CHAIR PINCUS: Well, number one
6	is you have to decide what the measure is that
7	you're proposing, and then to think about what
8	kind of evidence you need to marshal for that.
9	You know we can't say whether, you know, it
10	should be a process or an outcome measure.
11	But I will say, going along with
12	what Peter said, that you know, as a process
13	measure you'd have to document pretty strong
14	proximal relationships with outcome, not a
15	theoretical notion, but actually that there's
16	a strong causal link between what's done in
17	the process and there's a relationship with
18	the outcomes, and not just, like I said, a
19	theoretical notion, but actual data. So I
20	think that's a key issue.
21	Okay. So I guess we now move into
22	some final discussion topics. So do we want

1	to have the harmonization discussion now?
2	MS. DORIAN: I think maybe we'll
3	do the other two first, I think. Angela? Or
4	at least maybe we can take a break now and
5	pick the terms, for a break between, because
6	that's one thing we have to get done.
7	Additional Discussion Topics
8	MS. FRANKLIN: So our next
9	activity would be picking terms for the
LO	standing committee going forward?
L1	MS. DORIAN: Right. So with our
L2	new process of seating standing committees, as
L3	you've already heard
L4	(Simultaneous speaking.)
L5	MS. DORIAN: That's true, right.
L6	Of having standing committees, it's good
L7	because for example on this instance, you're
L8	able to oversee the entire portfolio and
L9	review things on an ongoing basis.
20	So we have terms of two to three
21	years that are randomly selected, and I had
22	emailed everybody a while ago to say please

Page 332

1	let me know if you have any opposition to
2	being seated for a three-year term.
3	I didn't hear back from anybody,
4	but if you do, you can let me know now, let us
5	know now. If not, we'll just go around, and
6	if you could just read say your name out
7	loud and then read the results, so it's
8	transcribed, recorded and transcribed.
9	(Off mic comments.)
10	DR. BURSTIN: All of which are
11	renewable. So we'd love to
12	MEMBER ZUN: And the answer is Les
13	Zun, three.
14	MEMBER MILLER: I'm going to be in
15	Gryffindor House. Three.
16	MEMBER EINZIG: Dave Einzig, two.
17	MEMBER PATING: David Pating,
18	three.
19	MEMBER JENSEN: Lisa Jensen,
20	three.
21	MEMBER ROBINSON BEALE: Rhonda
22	Robinson Beale, three.

1	MEMBER KELLEHER: Dodi Kelleher,
2	three.
3	MEMBER PINDOLIA: Vanita Pindolia,
4	three.
5	(Off mic comments.)
6	MEMBER ZIMA: Bonnie Zima, three.
7	MEMBER MELNYK: Bernadette Melnyk,
8	two.
9	MEMBER LARDIERI: Mike Lardieri,
10	three.
11	(Off mic comments.)
12	MEMBER SUSMAN: You know, for a
13	bunch of scientists, the fish bowl is very
14	scary.
15	MEMBER GOLDSTEIN GRUMET: Julie
16	Goldstein, two.
17	MEMBER MAZON JEFFERS: Raquel
18	Mazon Jeffers, two.
19	MEMBER MARK: Tami Mark, two.
20	MEMBER KNUDSEN: Kraig Knudsen,
21	two.
22	MEMBER SHEA: Lisa Shea oh.

1	Lisa Shea, two.
2	MEMBER SUSMAN: Jeff Susman, two.
3	MEMBER HORGAN: Connie Horgan,
4	two.
5	MEMBER TRANGLE: Michael Trangle,
6	another two.
7	MEMBER ATKINS: Bob Atkins, three.
8	I'm a ringer. I belong over there.
9	(Off mic comments.)
10	DR. BURSTIN: Can we just explain
11	to some people why we did twos and threes?
12	It's just that so since we're starting the
13	standing committee, we don't want all of you
14	guys to rotate off at the same time. So the
15	idea is just that half of you will be on for
16	the two years and the other half, and it's
17	still renewable.
18	So we're hoping that you'll
19	actually come back for another two years. So
20	after that, the terms will be two years. But
21	at least we won't have everybody rotate off at
22	the same time, and then we're stuck in the

1 same boat.

CO-CHAIR BRISS: Just to make everybody feel better -- sorry. Just to make everybody feel better, this side of the chair got the three. So we balanced it out a little.

(Off mic comments.)

MS. DORIAN: And the acceptance letters went out three months ago at this point.

So we have a discussion on gaps and sort of areas for future recommendations and more high level policy discussions, which we began yesterday.

CO-CHAIR BRISS: Could I make a comment? Yes. There were excellent comments on the gaps issue over the lunch break that I just wanted to put on the table. So we've approved most of the measures that we've seen over the last couple of days, but we approved nearly all of them with a bunch of important comments about ways that things, that might

1 evolve.

2.2

And so especially in a world of standing committees, it might be good to sort of try to figure out ways to capture what was said, and follow up with NQF and the measure developers about trying to more systematically evolve the measures, to kind of continuously improve the measures, so that, you know, over time maybe in a more systematic way than we perhaps have.

CO-CHAIR PINCUS: And it might be worthwhile actually, and maybe we should circulate this to the Committee. At the end of the last two Phase 1 and Phase 2, there were a series of gaps identified, with recommendations for future measure development, that we may want to sort of distribute to people.

(Laughter.)

CO-CHAIR BRISS: Do you always have that signal at the end of a meeting? You know, it's a good one for the group, right.

1	CO-CHAIR PINCUS: Dodi.
2	MEMBER KELLEHER: Yes. I want to
3	second what you just talked about, and in fact
4	maybe even recommend that there be a much more
5	formal way that we document the sort of
6	consensus recommendations or guidance, get
7	that back to the developers, and maybe even
8	have a strong expectation that unless those
9	are addressed, and I think we
10	CO-CHAIR PINCUS: It's almost like
11	a study section, like you know
12	MEMBER KELLEHER: Yes. If you
13	don't address these, then your ability to get
14	your maintenance endorsement may not be as
15	strong, as an incentive for them to really pay
16	attention to I think the very good comments.
17	In some of those gray zone sort of
18	measures that got passed, I think that's
19	especially important.
20	CO-CHAIR PINCUS: Vanita? Oh,
21	Michael and Raquel and Vanita and David and
22	Bob.

1	MEMBER TRANGLE: Can you hear me?
2	Okay. I'd like to follow up, and Peter, this
3	is sort of the comment or the question I was
4	asking you during one of our breaks, but it
5	wasn't in the general meeting.
6	It had to do with who are the
7	parties that are really key or crucial to
8	potentially look at the gaps, that just aren't
9	part of our realm of thought or discussion?
LO	So you know, we've got our Joint Commission,
L1	you've got health plans.
L2	But another major player that's
L3	especially important in the mental health and
L <b>4</b>	the substance use disorder world really is
L5	CMS, and what's going on, either that the feds
L6	are paying for with Medicare or MA, however
L7	it's configured, the role of the states, and
L8	some degree of accountability and sort of
L9	harmonizing that things kind of match.
20	CO-CHAIR PINCUS: Not to mention
21	consumers.
22	MEMBER TRANGLE: And consumers,

you know. But -- because it just feels like
we sort of talk about it, and then we kind of
wring our hands and sort of go on to something
we can deal with and take action with. The
other thing I mentioned way back when, but I
think it's come up here periodically is, you
know, I think you guys --

Helen, you were very correctly and proudly kind of pointing out that we added 60 measures and reduced 60 measures, you know.

But I think for us to sort of somehow in a more formal, reliably kind of actionable way is to look at what's the whole portfolio, and how does it play out in the real world of a primary care/behavioral health clinician?

When we're adding something,
what's the burden of time and money that it
might take, and factoring that into our
discussions with feasibility would be good,
versus just technical feasibility with an
instrument, you know.

CO-CHAIR BRISS: At least just to

1	perhaps make you feel slightly better, you
2	know, HHS clearly knows that this general area
3	is a gap. There have been HHS people at most
4	or all of this meeting sort of listening in,
5	and HHS is the funder of this particular
6	exercise.
7	So the fact that behavioral health
8	is a huge issue and that sort of it still
9	represents it still includes lots of
10	measure gaps is not entirely lost on the HHS
11	family.
12	CO-CHAIR PINCUS: No, but I think
13	Mike is getting a little bit more specific
14	than that, because I think what's important is
15	that CMS is doing stuff, but we're not aware
16	of it, you know. So that's you know, there
17	are things that are in the pipeline from CMS
18	or issues that have come up, for example, in
19	the MAP, yes, in the MAP that
20	Like, you know, we had a
21	discussion last time about reviewing the
22	measures for the health exchanges, and noting

1	the lack of behavioral health measures, and
2	particularly about sort of access to specialty
3	care.
4	CO-CHAIR BRISS: Would anybody
5	else from the family like to comment?
6	MS. POTTER: Hi. I'm D.E.B.
7	Potter. I've been here the whole time,
8	except for when I had to run to another NQF
9	meeting.
10	I work at AHRQ three days a week
11	and at the Office of the Secretary two days a
12	week, and I've been working with NCQA and
13	Mathematica on these measures that Sarah
14	presented to you, that were developed with
15	money from the Office of the Secretary and
16	SAMHSA, in partnership also with CMS.
17	So HHS is very aware of all that
18	you're doing, and we take what you say and I
19	write it down and I think about it. I
20	appreciate all of your contribution and your
21	volunteering to this effort. But knowing
22	where the important gaps are is something that

1	helps the Department in general.
2	So you know, please make that
3	known. I'll just leave it at that.
4	CO-CHAIR BRISS: And the other
5	thing that I would say on this topic is that
6	there's sort of in the among the people
7	that are at HHS working on measure development
8	or measure development and testing and the
9	sort of other key players like NQF and NCQA
LO	and others, there's been an increasing amount
L1	of cross-talk.
L2	We haven't reached nirvana yet,
L3	but there's an increasing amount of attempts
L4	to get the left hand knowing what the right
L5	hand is doing in a way that we perhaps none of
L6	us, public or private sector, have done
L7	ideally to date.
L8	CO-CHAIR PINCUS: So Vanita.
L9	MEMBER PINDOLIA: My comment is on
20	I agree with what's been said about what to do
21	for measure developers, to understand where
22	our concerns were. But yet I think I would

challenge NQF to take maybe a different stance for those that are gray zone, maybe making the developer understand.

I know right now that's not what NQF does. But to take this back for NQF to consider, that they would be able to say these were approved in the gray zones, understanding those aren't their committees.

But if it passes, and then they have limitations of what they can be used -- and specifically understanding if they can be used for pay for performance, when we had so many concerns.

It passed between a 40 to 60 percent, and maybe at the next round, if they have everything resolved, it can then move to that next level. It just puts a real hardship on the providers and health plan, when we had all those concerns and they weren't, you know, discussed or -- they were discussed, but they weren't resolved.

CO-CHAIR PINCUS: Okay, Dave.

1	MEMBER PATING: I actually would
2	like to second that, and actually I wanted
3	just to say, in terms of this process, this is
4	my third NQF meeting, and I just think
5	actually this has been the best and most
6	thorough discussions that we've had.
7	I actually want to commend our
8	chairs for getting expert in leading us.
9	We're an unruly group. But I also think that
10	we're learning as a group.
11	This continuity idea, I do think
12	that it's an advancement, because we're always
13	finding we're bringing up other stuff that has
14	been raised in other measures, and the
15	continuity of this process over time has great
16	value.
17	So I think it goes to what Vanita
18	is saying, in terms of, you know, us remaining
19	as a thinking body and taking a look at these
20	measures. But I again want to commend our NQF
21	leadership, our leaders and then everyone here
22	for a wonderful meeting.

1	CO-CHAIR PINCUS: Thanks.
2	(Applause.)
3	CO-CHAIR PINCUS: Dave.
4	MEMBER EINZIG: So ditto. Thank
5	you, everybody on the NQF, and if anybody has
6	a Sharpie, if we can change this to a 3-0, I
7	wouldn't be opposed.
8	CO-CHAIR BRISS: You can always
9	re-up. You have plenty of time to re-up.
10	(Off mic comments.)
11	MEMBER EINZIG: And building off
12	of what Michael was saying about
13	representation at the table, especially as
14	we're moving more towards integrative models
15	of care, I'd love to see more social
16	work/mental health case managers, maybe
17	education representatives, as we are moving
18	more towards putting psychology and psychiatry
19	in the school systems. So let's make it a
20	well-rounded conversation at this table.
21	CO-CHAIR PINCUS: Bob.
22	MEMBER ATKINS: A couple of sort

of disparate thoughts. In terms of some gaps,
I see on here, I just scanned it quickly,
there's something about recovery, and that
certainly connects to me with recoveryoriented metrics, in terms of what consumers
are looking for and also something I'm just
recently sort of learning more about, is the
difference between disease-oriented evidence
and what people refer to as POEMs, patientoriented evidence that matters.

So the stuff that matters in people's lives, rather than disease state metrics. I think that's a really interesting and important issue to look at, because so much we look at disease states and things that matter to us.

I also would ask us to think about the concept of community tenure, because we used this when I was at Magellan. I'm introducing it now in Aetna. But it's not something that seems to be in common use. It has to do with people that frequently readmit,

but they readmit longer than 30 days.

So they might have eight admissions a year, and it has to do with how long people stay out of the hospital on average between admissions. For many of our people with serious and persistent mental illness, that community tenure concept, but it's not well-defined. Every company defines it differently, it seems.

The other thing, and this goes along with another comment, I'd say, is there were a lot of sort of cases made that this is really, really important, and we have really bad care, and we want to put this metric out there because it's better than nothing, which I totally agree with.

My concern is with unintended consequences, that once these metrics go out there, there are people, for example, state government, Medicaid, leaders who are largely uninformed about the concerns that we talked about here, and they use them to create

1	incentives and penalties for health plans.
2	As all of us know who are
3	clinicians, punishment produces behavior to
4	avoid punishment. It doesn't produce the
5	desired outcome.
6	So I'm really concerned I'm
7	old enough to remember Skinner. I'm really
8	concerned that for people doing we want
9	these metrics for all the right reasons, but
LO	the unintended consequences of them are really
L1	scary to me.
L2	And if we get follow-up, what
L3	how are they used, you know? Who's using them
L <b>4</b>	for what purpose? I think that's a really
L5	important consideration.
L6	CO-CHAIR PINCUS: And Mike.
L7	MEMBER LARDIERI: Thanks. I'm
L8	thinking that it would be helpful if we had,
L9	you know, for those consumers and other folks
20	to participate, like the HIT community. So I
21	would think it would be very helpful if we had
22	some EHR vendors in, and if you look at EHR

1	vendors, you look at need to look at
2	medical and behavioral health, because they're
3	two separate groups, and they're not
4	necessarily talking to each other now.
5	Or maybe from the Health
6	Information Exchange area, and the other area
7	under ONC, there's a Quality Measures Work
8	Group, which is the work group that's talking
9	about passing all the data. Once we decide
10	what measure, they're figuring out how to pass
11	that data around.
12	So somebody or some combination
13	from those groups I think would be very
14	helpful, because they're going to have to
15	
	implement this stuff once we decide on it.
16	implement this stuff once we decide on it.  CO-CHAIR PINCUS: Jeff.
	_
16	CO-CHAIR PINCUS: Jeff.
16 17	CO-CHAIR PINCUS: Jeff.  MEMBER SUSMAN: Helen, I think you
16 17 18	CO-CHAIR PINCUS: Jeff.  MEMBER SUSMAN: Helen, I think you hinted at this earlier. It seems to me there
16 17 18 19	CO-CHAIR PINCUS: Jeff.  MEMBER SUSMAN: Helen, I think you hinted at this earlier. It seems to me there should be a higher standard for accountability

one plan versus another, I think many of the measures we talked about today seems like they will help to improve care.

Quality improvement efforts, I
think, are really a very important part of our
mission. I get real queasy about some of the
measures we approve, because I think there is
this transformation from improvement to
accountability and potentially unintended
consequences, where our evidence basis doesn't
really, in my mind, connote.

And an easy way to operationalize that might be to use your gray zone sort of concept or something. That would be a two-stage process, where we vote for one level and then yet a higher standard level, or to rework your criteria around evidence and so forth, to be staged.

DR. BURSTIN: So I feel like Dave was just asking about the timing of that. We have a Consensus Task Force on the Board that meets actually next week, and this is one of

the proposals we're bringing to them. And after that, we will convene an expert panel to help us think that through.

It's interesting. There's not a lot of science that helps you figure out which criteria help you decide a measure for different intended uses. It's interesting, you know, when you speak to consumers and purchasers in particular, their perspective is, you know, in some ways if I'm going to use this measure to pick a doc for my family, that's just as important as how much the provider gets paid.

So you know, I think that's where you have to sort of think through those concepts. So part of what we've been thinking about is maybe not getting into the issue of saying this is for payment, this is for the different uses, but instead to almost have a -- I've been referring to it affectionately as sort of a bond rating.

You know, this is a Triple A

1	measure, this is a Double A measure. This
2	one's still in its evolution, and sort of
3	buyer beware, as opposed to necessarily saying
4	use this for payment. But obviously when
5	those decisions get made and you pick an A
6	measure that's not been in use and isn't at
7	the highest levels of reliability and
8	validity, it should give pause, particularly
9	when it gets to the MAP and they help select
10	programs.
11	CO-CHAIR PINCUS: So you're
12	talking about developing measures of measures?
13	DR. BURSTIN: You got it. Measure
14	rating system, yes.
15	CO-CHAIR PINCUS: Okay.
16	MEMBER TRANGLE: If you think
17	about that in terms of sort of the Triple AIM,
18	you could almost sort of like do the measures
19	by patient satisfaction, by quality and by
20	cost/affordability, the three different
21	perspectives, depending on who's looking at
22	it.

1	CO-CHAIR PINCUS: Peter and then
2	Larry.
3	CO-CHAIR BRISS: So this is a
4	thought about process and proven. So I've
5	been struck many times over the last couple of
6	days about the divergence between what I think
7	was in the what I thought I read in the
8	materials, and what gets discussed around the
9	table, right.
10	You know, so I won't pick
11	particular examples, but it appears to me that
12	unless my reading has gone completely awry in
13	my old age, that there were some times when we
14	had significant divergence. It might be worth
15	thinking about whether there are process
16	improvements that would allow this to be
17	I'd feel better about the
18	transparency and reliability of the process if
19	you treated it more like a grant review, and
20	if it's if the material isn't in print in
21	front of everybody, it doesn't count, right?
22	CO-CHAIR PINCUS: Larry.

1	MEMBER MILLER: Well, this was my
2	first rodeo in this arena, and when I got
3	appointed, I was very happy, and then when I
4	started looking at the data, I got very
5	anxious. I didn't need a screen to tell me oh
6	my God, what have I gotten into, you know.
7	And so I know what I know, and there are other
8	things I have no clue about, and I'm the first
9	one to admit that.
10	So I listened very intently on the
11	calls, and we were the first group to get
12	assigned and I think we had about a week to do
13	it. I go oh my God, and then I've learned a
14	lot just sitting here and listening and sort
15	of getting the process.
16	I think between Peter and Harold,
17	I've really gotten a lot of input into sort of
18	what this is all about for the next rodeo. I
19	think in terms of some of the process, I think
20	I like the idea of the work groups having more

time to sort of process things and begin to

talk about things, rather than just the one

21

22

1 call.

2.2

I know we're all very busy and I'm sure people won't be happy about it. But I think it helps the process to really think more intellectually about it, and really do a good job on those kind of things. So I would really be in favor of that.

The other sort of -- one of the other points is that I concur about the gray zone, because I think that even though they're documented, a measure is a measure when they get out there in many ways, and people don't know that all measures are created equal, and I think that's a problem.

One of the content areas that you may have addressed in previous iterations or not is the whole other spectrum of the population, the graying population, the elderly population in terms of behavioral health issues.

The population is aging, and I think that that would be another area that

1 many of us struggle with, in terms of the 2 interface between what's intellectual, what's 3 behavioral and how that all works together. 4 I think that would be an important 5 piece to get, and I had a great time, thank 6 you. 7 CO-CHAIR PINCUS: So Raquel, Tami. CO-CHAIR BRISS: Mic, please. 8 9 MEMBER SIDDIQI: Oh, you can't 10 hear me? Sorry. As we were chatting, I was 11 chatting with Dr. Susman yesterday and Leslie. 12 But my primary interest is behavioral health 13 and elderly, and with all the regulations that 14 are coming down with, you know, Department of 15 Health and Medicare in terms of psychotropics 16 in elderly, I have to say very honestly the tertiary psych facilities don't know what to 17 18 do with these people. 19 Now they are stuck at our 20 facilities like long term facilities or acute 21 care hospitals. Really nobody knows what to 2.2 do with these patients, and then there's

1	regulatory issues in terms and then there's
2	quality of life issues.
3	I think there has to be a little
4	better guidance, because they're regulations,
5	but they don't make sense in certain
6	populations. The intent is good, yes, but it
7	doesn't apply to everyone. That's my dilemma.
8	So I agree with you. Thank you.
9	CO-CHAIR PINCUS: Raquel.
10	MEMBER MAZON JEFFERS: I also want
11	to say what an incredibly rich learning
12	experience this has been for me. So thank
13	you.
14	But I wonder if it's worth taking
15	maybe a very small group of people, to look at
16	the in terms of process improvement, to
17	look at the documentations, the documents,
18	because I found myself struggling and tripping
19	over and re-reading and searching to find.
20	My guess is that there might be a
21	way to streamline that. I mean eventually I
22	found everything I needed. But it seems like

1	it might be it might be simpler. There
2	might be a way to simplify it.
3	MS. BAL: And then just feedback,
4	that we are in the process of updating those
5	work sheets. Could you give a little more
6	detail, like what exactly you found difficult
7	to find just so we can know?
8	(Off mic comment.)
9	MS. BAL: Okay, thank you.
10	DR. BURSTIN: Poonam's our lean
11	person, so she's the right person to work with
12	on this. So we'll make sure that we get a
13	group of you together.
14	CO-CHAIR PINCUS: Tami.
15	MEMBER MARK: Basically it was
16	just said, yes. If we could
17	CO-CHAIR PINCUS: There's a couple
18	of things, as kind of homework. One is that
19	we do want people to think about, and we're
20	going to have this follow-up call in January.
21	But people to think about it, and actually
22	even before January, actually to respond to

1	the staff, I think, with regard to number one,
2	recommendations for future measure
3	development.
4	So this is what's up here is
5	what was actually in the report from Phase 2,
6	and obviously we didn't fill everything today
7	in terms of those gaps, and to sort of look at
8	that and think about how one might refine
9	that, but also add to it based upon what
10	you've observed and both here, but also what
11	you observed back home as well.
12	CO-CHAIR BRISS: In addition to
13	that, sort of so in every measure
14	discussion I've ever been in, people come out
15	with a very long list of additional needs.
16	It would be great if you have
17	thoughts about the highest priorities. In
18	addition to lengthening the whole universe, it
19	would be good to give some thoughts about what
20	are the highest priority things.
21	CO-CHAIR PINCUS: Right. I mean
22	to really think about this, so that we just

don't add, but we actually, you know, do it in a refined way. Then also come back with a different set of recommendations, in terms of process improvements, what we had here.

A number of things have already come up, like the notion of having a different kind of template for patient-reported outcome measures that need to be transformed into performance measures, to think about how we frame the segmentation kinds of issues that we've talked about, in a way that, you know, can make the process proceed more efficiently for segmenting existing measures, you know, things like that, you know, to think about that.

And so you know, speaking for me and Peter can speak for himself, as he does, that it's really been delightful working with all of you and with the staff. Now we're supposed to hear from public comment.

CO-CHAIR BRISS: And while we're waiting for public comment, thanks. I'll add

1	my thanks to everybody, too. Thank you.
2	NQF Member and Public Comment
3	OPERATOR: Okay. At this time, if
4	you would like to make a comment, please press
5	star then the number 1.
6	(No response.)
7	OPERATOR: There are no public
8	comments at this time.
9	Next Steps
LO	MS. DORIAN: Okay, wonderful.
L1	Well, gosh. It's been these two days have
L2	actually gone by really quickly. We just
L3	we have one last slide for Next Steps. So of
L4	course this first one that we've just
L5	completed.
L6	We will work on drafting the
L7	report with your recommendations, and being
L8	careful to concisely and clearly articulate
L9	the areas where we were in the gray zone so
20	that we can solicit comments from members of
21	the public and members of NQF.
22	That will be posted for a 30-day

period, from November 7th through December 8th. Then we do have a call scheduled, it should be in your calendars, to review and respond to those comments, and we may use that call, if there's any additional time, if we don't end up getting, you know, a vast amount of comments, to discuss maybe gap areas or something else. We can think about that as it gets closer.

We will then draft the report for NQF member vote. That's for a 15-day period through February 6th, and then we have our Consensus Standards Approval Committee review your recommendations at a pretty high level. They sort of review them as a whole group and pull out any that they wish to discuss.

Then we have endorsement by the Board, and finally an appeals process. You also did have an optional date held in your calendar for I believe this Tuesday, and that was if we were unable to get to all of the measures in time. So you can release that

2.2

1	date. We'll cancel it.
2	I'm sure you'll heartbroken about
3	that. Don't cry too much. So yes. Just on
4	behalf of myself and my colleagues, I'd like
5	to say thank you so much. It's been a
6	wonderful two days. I've really enjoyed
7	getting to meet all of you, and I think it was
8	a wonderful, rich discussion.
9	MS. FRANKLIN: I'd like to add my
10	thanks to Lauralei's and thanks to our co-
11	chairs for shepherding us through these two
12	days, as well as all the hard work you all put
13	in, and the good recommendations that you gave
14	to everyone, including developers and NQF.
15	CO-CHAIR PINCUS: Okay. Thanks,
16	everyone.
17	(Whereupon, the above-entitled
18	matter went off the record at 3:12 p.m.)
19	
20	
21	
22	

		I	I	I
A	177:19 187:14,20	<b>ACM</b> 193:14	263:3	Adolescent 3:7
<b>a.m</b> 1:10 5:2	194:14 195:15	<b>ACO</b> 264:4 318:3	address 79:8	adolescents 66:19
141:13,18,19	203:3 247:3,7,8	<b>ACOs</b> 310:18	107:17 111:6,8	67:9,13
<b>AA</b> 114:12 120:9	247:16,21 248:1,4	311:19 323:3	134:13 145:2	adoption 100:2
131:17 136:5,6	250:16 264:13	act 153:12 256:11	204:14 225:20	adult 207:7 237:2
161:12	266:15 297:5	action 1:21 113:8	246:17 328:1	261:20 312:10
ability 38:20 59:3	299:6 312:20	339:4	337:13	315:21
70:7 204:10	313:1 328:1,8	action-wise 208:21	addressed 83:5,7	adults 70:2 149:16
252:21 280:11	abusers 248:17	actionable 92:21	95:9 110:20 118:5	advance 87:12
337:13	abysmal 62:1	339:12	159:1 184:1 188:2	advancement
<b>able</b> 19:6 24:6	Academy 89:10	active 119:11 246:5	225:12 230:3	344:12
32:13,18 34:14	accept 274:12	254:22 278:2	337:9 355:16	advantage 21:8
35:1 49:6 53:12	310:18	activity 331:9	addresses 231:13	advertised 176:1
57:6 60:16,18	acceptability 9:11	actual 19:5 46:19	adds 69:20 311:17	advisors 197:18
61:7,21 62:18	12:11,15 14:11	147:11 252:21	adequate 69:12	advisory 160:13
63:10,10,16,21	134:8 148:7	273:2 315:4,13	131:22 132:3,3	advocacy 177:5
65:15 69:22 72:21	189:12 242:12,14	330:19	301:7,9	advocate 265:20
73:5,18 77:17	269:18,20	<b>acute</b> 149:11	adequately 299:18	<b>Aetna</b> 1:17 346:20
78:12 88:12 94:2	acceptable 67:17	152:20 178:1	<b>ADHD</b> 5:17	<b>affect</b> 227:19
111:1 122:21	301:10	205:14 356:20	adherence 44:20	affectionately
125:15 127:5,15	acceptance 335:8	adaptation 111:13	adjudicated 250:3	351:20
144:19 146:21	accepted 99:10	adapted 142:5	adjust 278:8	<b>afraid</b> 228:21
155:12 162:17	access 110:17	add 17:10 35:13	adjusted 6:4	231:22
174:10 185:1	111:1 159:18	38:5 43:4 47:1	108:13 287:8	African 63:19
204:5 221:7 222:5	180:15 341:2	69:14 87:15 111:5	adjustment 247:9	afternoon 7:15
235:5,20 253:22	accidents 77:6	151:12 202:8	249:7,19 250:4,7	235:10
265:19 292:20	accompanies 271:4	239:17 283:9	250:10,19 285:8	age 63:18 250:13
306:7 323:4	accountability 9:4	288:8 359:9 360:1	285:22 286:2	286:15 353:13
326:19 331:18	124:11 126:7	360:22 363:9	287:3,14	aged 237:2 261:20
343:6	166:3 182:19,21	added 300:7,13	administer 304:20	<b>agenda</b> 27:7 107:9
above-entitled	205:4 206:7	302:5 322:22	administered 237:8	305:1
141:17 234:12	221:15 338:18	339:9	254:5	aggressively
363:17	349:19 350:9	addict 60:5	administering	254:13
absence 261:18	accountable 120:1	addiction 2:8,18	238:12 249:16	aging 355:21
absolutely 61:10	120:6 124:10	8:9 23:1 76:7	253:6,13 274:7,21	<b>ago</b> 13:20 66:5
67:22 74:9 100:7	126:18 163:1	130:10	administration 2:5	113:20 175:4
146:18 147:3,5,11	165:20,22 167:21	adding 37:11 144:5	252:10,19	179:16,18 296:10
204:17 300:22	180:14 203:20	305:1 339:16	administrative	320:19 331:22
301:2 309:11	215:11 226:2	<b>addition</b> 359:12,18	47:6	335:9
313:8	accounting 88:10	additional 4:12	administrator	agree 26:5 75:6
abstracted 117:14	accumulate 81:12	11:16,19 13:11	185:5,13	122:10,22 130:1
<b>abuse</b> 26:12 30:21	accurate 51:1	37:10 144:20	admirable 151:1	131:6 167:5
45:8 47:11,15	228:4	173:16 225:7	admissions 347:3,5	175:17 180:7
50:13,22 55:7	accurately 187:8	229:3 230:1 266:7	admit 206:9 354:9	181:20 209:7
63:2 88:19 119:19	aches 207:15	328:13 331:7	admitted 190:18	210:3 231:19
125:11 143:13	achieved 282:7	359:15 362:5	196:4,6	253:16 288:13
154:15 163:5	achieving 265:11	additionally 144:3	admitting 200:6	342:20 347:16

	<u> </u>	<u> </u>	l	l
357:8	alerting 278:6	318:8,13	appears 229:3	146:13,17 170:14
<b>agreed</b> 97:2 143:19	alignment 67:15	<b>Angela</b> 3:13 8:16	234:8 353:11	171:20 180:22
agreeing 208:17	allegedly 167:9	321:2 331:3	appendix 317:14	194:1 195:11
agreement 139:9	<b>alliance</b> 1:22 2:20	<b>angle</b> 304:5	318:2	203:10 228:4
240:14	68:10,12	announce 238:21	Applause 345:2	249:12 321:13,22
<b>ahead</b> 93:16,18	<b>allow</b> 32:22 77:19	annual 79:4	<b>apples</b> 46:16 212:9	appropriately
95:16 279:22	91:12 95:20 96:12	Anonymous 131:20	212:9,10 284:21	113:9 321:6
<b>AHRQ</b> 3:18 341:10	99:15,22 108:19	<b>answer</b> 20:17 34:3	284:22	approval 36:7
<b>aiding</b> 263:17	114:10 135:7,8	38:1,7 40:14 43:3	applicability	362:13
<b>AIM</b> 352:17	145:14 326:3	65:18 76:18 139:7	220:16	<b>approve</b> 12:7 350:7
air 54:22	353:16	139:7 172:16	applicable 257:20	approved 12:3
aired 76:10	allowed 72:4	204:17 292:20	application 35:4	86:10 139:11
alarming 146:14	allowing 10:21	332:12	211:14 227:10	335:19,20 343:7
146:19 147:3,5,11	11:6 76:10 145:12	answered 73:8	299:9 311:5	approving 41:3
<b>alcohol</b> 4:5 7:9 8:3	<b>allows</b> 18:7 62:8	254:1 321:5	315:18 329:21	54:20
30:20 31:14 33:3	155:6 160:4	answering 68:22	applications 9:4	APRN 2:3
34:13 35:10,13	184:22	answers 72:19	329:22	area 15:4,14 32:16
36:3,10 37:12	<b>alpha</b> 243:7 248:15	77:14	applied 70:21	63:8 67:20 156:6
38:14 48:15 49:15	alternate 8:18	anti-depressant	305:21 319:7	174:22 209:18
59:15 62:16 69:1	alternatives 304:16	272:20	323:2	210:2 340:2 349:6
69:4,7,8,12,12,13	<b>AMA</b> 3:16 24:4	antibiotics 74:6	<b>applies</b> 83:22 101:8	349:6 355:22
75:13 107:5,17	amazing 278:21	anticipated 293:9	262:21	area's 174:22
108:1,7 109:1	ambulatory 2:19	anxiety 297:3	<b>apply</b> 14:17 88:4	areas 30:12,13
110:2,6,19 111:8	193:1 205:14	298:16 299:5	105:19 122:21	34:22 35:3 140:12
112:3 113:2,14,14	304:7,11 305:3	306:1 307:21	158:1 221:18	178:5 285:4
114:2 115:1,6,14	amended 114:10	308:5,13	357:7	335:12 355:15
118:12,13 119:19	American 8:8	anxious 354:5	applying 111:15	361:19 362:7
121:2 122:5 124:6	63:20	anybody 133:15	221:9 257:4	arena 127:20 354:2
124:7 126:20	amount 7:2 22:13	146:6 147:3,4	appointed 354:3	argue 144:15
131:14 132:2,12	31:9,13,16 85:15	171:7 219:5,17	appointments	210:14
142:3 146:15	118:12 122:1	259:4 304:1 332:3	120:9	arguing 94:14
154:19 157:9	327:15 342:10,13	341:4 345:5	appreciate 20:8	126:3 182:18
159:3,4 161:5,22	362:6	anymore 295:17	246:21 296:16	argument 18:22
162:4,15 163:5	analogies 199:19	anyway 28:4 87:1	329:18 341:20	37:6,9 66:8,15
168:1,5,7,14	analyses 226:5	242:20	appreciated 7:18	99:10,12 153:3
169:2 170:12	analysis 55:19	<b>AOD</b> 111:10 145:8	approach 13:21	208:12,13
182:1 197:19	213:14 216:8	148:15 157:13	18:5,7 20:3 34:18	argument's 63:1
246:3 247:2,7,16	244:7 266:7	169:19	52:5 76:2 94:3	arguments 136:22
248:3,8,13,21	280:15 281:1	apart 85:20	144:6 145:15	138:3,16 151:22
250:2,16 264:13	304:6	apologize 215:9	212:19 216:6	230:19
297:5 299:6	Analyst 3:12	app 306:13	283:15	<b>Arkansas</b> 2:17,17
301:19 309:14	analytic 160:2	app-based 306:12	approaches 52:2	120:20
alcohol-dependent	Analytics 2:11	appeals 362:18	53:21 76:15	art 80:21
206:22	analyze 226:4	appear 68:2 202:3	227:22	article 38:16
alcohol/substance	and/or 122:5	203:4	approaching 266:3	articles 39:12
266:14	Andy 22:19	appeared 170:12	<b>appropriate</b> 46:6	articulate 100:12
alcoholic 206:18	anecdotal 78:2	appearing 171:11	76:17 122:15	361:18

			I	I
articulated 98:3	272:14,18 320:11	94:20 116:3 121:9	balance 52:6	<b>behalf</b> 363:4
artistic 81:15	assumed 263:7	126:22 141:13	balanced 335:5	<b>behavior</b> 3:8 60:2
ascertain 257:18	assuming 126:2	153:1 155:19	balancing 62:4	200:21,22 348:3
ascertained 36:2	189:1 328:11	174:21 178:14	257:3	behavioral 1:3 2:1
ascertainment	assumption 57:6	185:22 211:16	<b>bands</b> 286:15	3:6 15:7 29:14
169:2	<b>Atkins</b> 1:16 95:2,11	232:2 233:18	bar 11:15 299:14	52:4 110:20 111:2
<b>Asian</b> 63:19	129:18 135:11	245:12 252:20	309:8	115:7 116:17
aside 304:14	220:18 309:21	282:12 327:13	barriers 123:5	118:3 122:17
asked 31:2,6 61:15	312:18 313:4,8	328:5,16 332:3	base 24:22 45:20	124:22 125:1
77:13 106:8 131:7	334:7,7 345:22	334:19 337:7	48:18 57:11 88:7	129:8 149:3 156:5
142:18 174:7	attempts 318:9,11	339:5 343:5	224:10	171:15,18 184:1
253:17 296:20	342:13	359:11 360:2	<b>based</b> 21:17 44:12	203:22 224:21
309:14 320:21	attending 136:6	<b>backed</b> 222:18	52:18 63:11 101:9	263:13 298:12,18
324:21	attention 20:6	<b>backing</b> 324:18	101:9 110:1	301:18 302:7,10
asking 11:18 31:22	301:20 337:16	backs 31:10	118:20 166:9	303:10 306:21
48:5 61:4 74:15	attributed 266:6	backwards 200:11	179:9,17 181:18	312:3 340:7 341:1
76:16 77:4,8	281:9	<b>bad</b> 112:14 169:6	182:4 187:10	349:2 355:19
117:3 131:12	audit 26:14,15,16	347:14	199:2 213:9	356:3,12
218:10 308:7	118:6	<b>badly</b> 13:5	214:11 216:7	behaviors 19:3
316:11,13 338:4	auditor 118:10	bag 31:18	224:4 256:10	232:5
350:20	Authority 22:17	<b>BAL</b> 3:12 96:7,14	273:18 286:17	beleaguered 50:8
aspect 32:2 57:1	25:9	97:5,8,15,18 98:5	298:3 316:21	<b>belief</b> 245:6
322:6	automatically 51:6	98:12 102:9,12,15	321:14 326:12	<b>believe</b> 66:6 91:1
aspects 52:5 317:22	available 149:4	103:18,21 104:11	359:9	92:2 148:13 153:5
assess 37:16,18	163:2 166:7,13,15	104:14,20 105:4,6	baseline 253:20	159:17 163:7
146:21 212:16	250:18 252:1,6	132:22 133:3,20	276:21	175:16 182:6
253:9 279:19	306:11 311:7,15	133:22 134:5	<b>basic</b> 74:8 240:15	190:11 196:11
assessed 154:18	average 213:22	136:13,16 137:3,6	300:19	245:14 252:1
257:1 299:18	218:15 237:20	137:16,19 138:7,9	basically 48:17	307:12 362:20
assesses 299:3	238:3 246:12,15	141:1,4 145:21	100:16 118:12	<b>belong</b> 205:2 334:8
assessing 143:12	264:21 347:5	147:7,14,22 150:3	184:16 201:9	benchmark 60:17
256:20 261:17	avoid 180:20 255:1	150:14 151:3,14	206:20 209:20	60:19 61:22
263:20 277:16	348:4	152:1,5 156:15	213:11 218:5	<b>benefit</b> 32:2 123:5
298:20	aware 103:1 340:15	188:15,19 189:4,9	224:5 358:15	166:10,11,12
assessment 4:10	341:17	219:12,15 228:9	<b>basis</b> 30:11 40:4	169:20,21 180:18
6:8 103:6 255:11	awesome 73:4	228:12 229:8,13	86:13 217:3 232:1	180:19 224:20,21
262:20 296:2	awful 127:17	230:7,10,13 233:2	259:19 274:21	224:22 225:2,2
299:2	awry 353:12	233:5 240:22	307:17 331:19	<b>benefits</b> 90:11 92:4
assessments 24:18	<b>Azul</b> 3:19	241:8,11,17,20	350:10	benzodiazepine
assigned 354:12		242:1,7,9 244:16	<b>Beale</b> 2:20 15:3	77:10
Assistant 2:8	<u>B</u>	244:19 258:6,9	22:4 24:15 66:1	<b>benzos</b> 49:16
<b>associate</b> 2:3,13 3:5	<b>B</b> 239:20	259:8,11 260:10	332:21,22	Bernadette 2:13
84:14	back 5:7,8 8:5 11:1	260:13,22 261:2	<b>bed</b> 186:14 187:2	333:7
association/corre	12:5 13:7 19:11	268:4,16 269:5,9	191:7	best 21:9 25:11
227:13	20:13,13,17 49:11	269:15 287:20	<b>began</b> 335:14	29:20 30:2 52:19
<b>assume</b> 24:16	50:19 74:9 80:11	289:6,18 290:5	beginning 50:20	54:2 61:3 144:5
126:4 205:9	91:13,16 92:13,14	293:20 358:3,9	262:8 286:10	157:3 187:10
	93:20 94:13,14,16			
	1	1	1	1

	i	1	ı	ı
228:20 323:13	101:15 173:19	boxes 100:13	121:18 123:16	301:13 302:13
325:2 344:5	179:10 190:6	boy 235:4	126:21 128:2	319:20 320:6
beta 16:15 213:9	binomial 213:9	brainer 327:9	129:15 130:22	Broadlawn 3:1
<b>better</b> 36:3 40:8	biologist 64:18	Brandeis 2:2	131:11,16 132:5	<b>broken</b> 56:6 279:14
44:16 47:9,9	bipolar 245:11	<b>Braun</b> 167:8,9,12	132:18 133:13,18	<b>brought</b> 34:21 99:5
49:20 50:15 53:15	263:11 297:4,16	167:14	134:9 135:21	<b>browser</b> 306:13
59:4 74:10 78:5	297:18 298:3,6,8	break 141:11,12,16	136:8,11,21 137:2	<b>build</b> 179:14 256:9
83:13 89:1 128:9	299:5 301:19	279:8 331:4,5	137:11,14 138:2,5	280:17
167:17 178:13	305:22 308:22	335:17	138:15,19 139:6	<b>building</b> 23:18 56:5
207:19 218:1	<b>bit</b> 8:15 17:2 24:11	breaks 338:4	139:16 140:10,19	73:1 118:9 183:18
236:16 281:7	31:18 55:17,22	<b>brief</b> 30:16 31:6	141:9,20 142:21	345:11
282:19 283:21	78:15 81:3 88:1	32:2,5,7,13 33:7	144:10 145:16	<b>built</b> 54:16 56:20
293:11 308:15,19	89:22 100:12	33:15,20 34:5,7	146:6 147:2,9,20	101:7 102:3 285:8
309:4,5,5 311:2	174:17 187:6	34:14 36:12,20	148:8 149:13	<b>bunch</b> 333:13
315:11 316:9,15	208:9 233:10	37:19 38:9 40:14	150:12,22 151:11	335:21
317:4 322:19	237:22 243:20	42:13,21 43:2,8,9	151:21 152:3,8	<b>bundle</b> 328:19
326:11,12 335:3,4	254:12,18 265:5	43:21 44:2,5,17	155:14 156:12	<b>burden</b> 35:21
340:1 347:15	274:2 279:5 280:9	44:19 45:8 46:12	157:3 160:16	37:10 82:16
353:17 357:4	307:11 326:3	51:19 52:1,9,18	161:14 164:15	173:21 258:17
<b>beware</b> 352:3	340:13	53:2,8,18,22 56:8	165:12,16 166:19	301:17 339:17
<b>beyond</b> 63:12	bite-sized 51:8	56:10,13 65:2,3	168:16 170:1	Bureau 2:6
127:5 289:17	blinded 308:7	67:17,19 72:3,3	172:9 174:1,15	bursitis 74:11
306:19	<b>blindly</b> 311:10	80:20 81:2,4,8,11	177:7 180:6 183:8	BURSTIN 3:12
<b>bias</b> 78:9 160:18	<b>blue</b> 10:4	81:16 93:6 100:17	188:4 189:14	10:2 11:18 12:8
161:13 226:21	<b>blunt</b> 310:22	101:1,22 112:4	192:3 193:4 199:5	13:10,18 14:8,20
228:21	<b>BMI</b> 107:18 108:1	115:13 116:5	200:6 201:1	15:15 16:21 18:4
<b>biased</b> 278:14	142:3	127:4 144:19	202:22 204:15	19:15 20:16 21:22
bibliography	<b>board</b> 194:17 195:3	239:19 283:10	206:12 208:6,14	22:12 25:5 28:15
247:13	220:16 350:21	briefly 35:19	210:17 211:5	55:8 56:17 57:8
<b>big</b> 21:6 35:21 51:9	362:18	<b>bring</b> 5:13 11:1,2	212:1 214:14	85:2 87:14 89:5
83:15 84:5 112:19	<b>boards</b> 186:13	21:10 22:21 81:1	216:9 218:22	90:19 91:5,15,22
214:6 324:22	<b>boat</b> 122:8 335:1	106:9 206:7	219:22 220:2,9,17	92:8,13 93:1
<b>bigger</b> 35:10 188:1	<b>Bob</b> 94:10 95:1	232:13 233:18	225:5 226:9 228:6	94:16 139:17
324:2	129:16 220:17	290:14 312:2	229:1,6,11,20	140:5 216:5 291:9
<b>biggest</b> 62:15 179:2	225:20 307:7,9	314:17 327:13	230:5,18 231:16	314:15 320:5
<b>bill</b> 54:10 65:5	309:20 334:7	328:16	232:8,22 233:9,21	332:10 334:10
100:7,9,22 173:11	337:22 345:21	bringing 80:17	234:8 285:21	350:19 352:13
<b>billable</b> 50:2,6	349:21	225:19 344:13	288:17 296:18	358:10
100:15 101:1,10	<b>body</b> 131:9 132:16	351:1	315:3 316:5,17	business 129:19
101:11,21,22	344:19	<b>Briss</b> 1:10,12 5:4	323:8 325:12	<b>busy</b> 355:2
102:2 117:1,17	<b>bond</b> 351:21	6:2,20 7:12 11:8	327:3 328:14	Butler 3:3
187:10	<b>Bonnie</b> 3:7 333:6	13:1 25:12 35:18	335:2,15 336:20	<b>buy</b> 50:17
<b>billed</b> 54:11,12	<b>Borden</b> 153:12	82:1 90:22 97:1	339:22 341:4	<b>buyer</b> 352:3
101:17,19 124:2	<b>bottom</b> 165:6	97:13 98:2,18	342:4 345:8 353:3	
<b>billing</b> 72:5,11	<b>bounds</b> 250:14	99:7 102:19 103:7	356:8 359:12	<u>C</u>
99:16 100:1,4,10	bowl 333:13	104:3 107:4	360:21	C 239:20
100:18,21 101:3	box 55:12	111:19 115:22	broader 282:11	<b>CAGE</b> 116:7,8
				118:6,10
	•	•	•	•

	<u> </u>		 	l
calculate 214:4	52:16 64:7 69:3	Caroline 96:1	cessation 144:8	characterize 213:7
calculated 217:20	79:14 80:16 82:15	carried 195:20	145:3	<b>charge</b> 34:6 56:8
218:8	103:2 107:14	carrying 46:16	cetera 86:17	charged 33:21
calculating 271:18	109:20 110:20	<b>cart</b> 16:8,8,11	161:12,12	<b>chart</b> 134:18
calendar 362:20	111:17 113:19	200:11 204:9	<b>chair</b> 3:9 5:4 6:2,20	187:19 212:10
calendars 362:3	114:16 115:1,5,6	carve 125:22	7:12 8:6,13 11:8	<b>charts</b> 135:14
California 178:4,6	115:9 116:17,21	<b>carved</b> 125:18	11:10 13:1,11	<b>chasm</b> 325:4
186:21 317:16	118:2 122:17	case 24:11 26:3	14:17,22 17:13	<b>chat</b> 44:4
<b>call</b> 6:16 30:13	124:4,12 125:2,12	49:14 55:21 117:9	18:18 19:10,22	chatted 101:2
116:19 134:16	126:4 129:8	157:20 168:8,9	20:9 21:19 22:2	<b>chatting</b> 356:10,11
147:4 246:22	130:11 132:1,3	172:1,3 203:21	25:12 26:4 27:11	cheaper 50:18
250:1 256:12	142:14 144:7	213:4 215:12	28:20 29:11 30:3	<b>check</b> 34:5 71:16
291:13 296:9	149:10 152:20	308:9 315:7 316:8	35:16,18 38:3	101:7
312:22 320:19,21	153:17,19 154:4	328:18,20 345:16	39:7 107:3 166:22	check-box 34:16
325:18 326:18	155:10 156:5	cases 110:9 170:13	335:4	checkbacks 19:2
329:12 355:1	157:7,14,15,16	173:3,13,17 265:8	<b>chairs</b> 141:13	checkbox 83:6
358:20 362:2,5	159:15,18,20	282:6 347:12	344:8 363:11	checking 19:3
<b>called</b> 22:15,16	160:9 164:6 169:4	catch 310:12	<b>CHALK</b> 1:17 20:2	100:13 297:15
23:15 39:12	171:4,20 177:16	categories 270:12	83:21 111:22	checklist 5:21
212:20 248:6	178:1 180:22	289:15	131:5,13,18	chemical 169:20
325:13	181:5,8 182:3,12	categorize 23:15	132:16 167:22	180:18 181:4
calling 58:4	182:17 193:15	category 115:19	201:2	191:19 224:20
<b>calls</b> 64:7 318:19	195:11,14 196:7	147:11	challenge 55:17	<b>CHF</b> 312:12
319:11 354:11	196:21 198:13	causal 307:12	149:1 298:9 343:1	chicken-and-egg
<b>cancel</b> 363:1	201:7,10,18	330:16	challenged 149:8	17:2
capability 28:14	202:15,21 203:20	cause 74:15 231:6	challenges 36:9	Chief 2:6,14,18,21
57:3 272:6	204:2 205:14	causes 62:15 77:11	125:10 296:21	3:12
capacity 296:19	221:19 225:1	301:16	challenging 265:17	<b>Child</b> 1:18 3:7
capitated 205:15	231:22 263:13	caution 51:13	329:19	Children's 1:19
capture 51:6	264:16 268:22	<b>CBT</b> 52:12 307:2	<b>chance</b> 49:3 121:19	<b>choice</b> 145:15
118:22 130:15	280:20 285:14,16	<b>CD</b> 128:16	179:8 219:16	choose 32:22
194:6 231:21	289:3 293:15	<b>CDC</b> 1:12	321:17	<b>chosen</b> 35:7 253:1
280:10,12 336:4	296:22 297:1	<b>cell</b> 30:9	chances 74:6	<b>chronic</b> 1:13 59:11
captured 25:8	298:18 299:4,16	center 1:13,18	216:20	74:9,11 114:2
33:17 72:15,19	300:6,11 303:9	22:17 25:9 103:11	<b>change</b> 48:17 173:2	251:3 312:22
127:8 196:2	305:2 306:17	Center/National	183:3 213:20	circle 8:5
271:14 287:1	307:22 309:11	1:21	232:6 235:10	circulate 336:13
capturing 196:1	314:9 341:3	Center/Suicide	254:14 260:2	circumstances 41:7
209:6 237:5	345:15 347:14	1:21	280:21 292:2	cited 227:10 247:15
car 77:6 200:16	350:3 356:21	Cerner 73:2	318:16 345:6	city 207:10 318:3
card 152:4 188:11	care/behavioral	certain 19:3 24:21	changed 320:12	<b>claim</b> 117:6,7
211:1	116:22 339:15	26:21 62:21 176:1	322:3,4	197:20 225:14,17
cards 151:13	careful 327:3	184:6 357:5	<b>changes</b> 60:2 108:9	claim-based 220:20
188:12 210:19	361:18	certainly 62:20	320:21 321:7	claims 10:9 21:12
220:10 225:6,6	carefully 324:12	66:18 142:15	323:7 325:18,21	21:17 113:2
care 2:21,22 31:3	Cares 153:12	253:18 293:5	changing 115:15	134:17,19 160:1,2
43:5 49:13 52:14	<b>Carol</b> 11:8	306:9,18,20 346:4	232:18	178:20,21 179:3,9
				,
	I	l	I	I

	 		]	1
187:6,7,12 189:22	<b>clinical</b> 2:19 39:16	97:13 98:2,8,18	241:3,6,16 242:5	34:14 56:8 65:5
190:14 212:12,13	83:4 106:20	98:21 99:3,7,13	242:13 243:16	71:13,13 101:4,5
216:6 220:14	114:11 115:3	99:19 102:7,19	244:12,15 246:13	102:4 190:6,10
224:15 226:4	289:3	103:7,13,16 104:3	251:11,15 257:2,6	197:6
229:2 243:1	clinically 129:22	104:6,9,22 105:3	257:11 258:3,12	<b>coded</b> 172:19
claims-based 50:3	clinician 80:8	105:13 106:15	259:3,6 260:6,9	codes 22:21 123:8
117:2 159:22	185:4 310:13	107:4 111:19	260:18,21 261:7	124:1 190:14
212:18,18 215:21	339:15	115:22 121:18	265:2 266:17	197:3,7 262:11
claims-only 166:10	clinicians 348:3	123:16 126:21	267:1,9,18 268:6	<b>coding</b> 171:17
clarification 13:12	<b>clinics</b> 1:19 49:13	128:2 129:15	269:19 270:6	247:10
20:10 22:5 45:6	103:3 238:5,12	130:22 131:11,16	271:20 273:16	codings 197:9
155:13 243:9	264:16,18,22	132:5,18 133:13	276:2,7 278:11	cognitive 52:3
266:18	271:17 274:3	133:18 134:9	279:21 280:2	246:7 249:5,10
clarifications	284:22 285:2,3	135:21 136:8,11	282:10 284:4,18	250:2,17
165:18	<b>clock</b> 191:10	136:21 137:2,11	285:7,20,21	cognizant 125:9
<b>clarify</b> 40:20 93:15	255:17 256:15,19	137:14 138:2,5,15	287:15 288:7,13	<b>cohort</b> 63:22 73:18
95:19 134:15	274:13 275:7	138:19 139:6,16	288:17,22 289:12	76:2 83:2 277:9
165:18 196:1	close 84:19 210:19	140:10,19 141:9	290:3,10 291:1	<b>colds</b> 207:14
254:18 257:12	228:22	141:20 142:21	292:16 293:13	COLETTE 3:17
274:2 313:18	closed 128:14	144:10 145:16	295:13,16 296:18	collaboratively
318:15 319:17	closely 232:21	146:6 147:2,9,20	302:16,20 303:22	28:17
320:22	closer 99:20 362:9	148:8 149:13	305:4 306:4 307:7	colleague 78:6
class 25:11 285:3	closet 76:9 80:18	150:12,22 151:11	309:20 313:9,19	colleagues 32:4
classes 95:4	<b>closing</b> 138:15	151:21 152:3,8	315:1,3 316:5,17	51:22 363:4
classic 176:8,22	151:21 230:19	155:14 156:12	317:9 318:14,21	<b>collect</b> 168:10
cleaned 46:19	clue 354:8	157:3 160:16	319:4,15 320:11	250:15 252:22
299:12	<b>CMHC</b> 120:22	161:14 164:15	323:8,9,14 325:12	collected 57:2
<b>cleanly</b> 98:19	CMS 156:8 174:12	165:12,16 166:19	327:3 328:11,14	237:17 264:15
clear 14:7 36:11	197:6 210:7	168:16 170:1	329:8 330:2,5	collecting 318:5
90:1 100:10	237:19 264:2	172:9 174:1,15	335:2,15 336:11	collection 89:18
106:10 122:8,21	338:15 340:15,17	177:7 180:6 183:8	336:20 337:1,10	collectively 23:5
139:20 155:9	341:16	188:4 189:14	337:20 338:20	College 2:15,16
161:10 212:11	CO-CHAIR 40:18	192:3 193:4 199:5	339:22 340:12	<b>Collette</b> 236:12
219:2 231:10	42:3 43:11,15	200:6 201:1	341:4 342:4,18	243:19 251:22
273:13 303:5,11	45:1,13 47:1 48:3	202:22 204:15	343:22 345:1,3,8	254:17 256:5
305:15 315:13	49:2 51:16 54:17	206:12 208:6,14	345:21 348:16	271:1 273:17,21
317:3 323:2	57:4,9 60:6,10	210:17 211:5	349:16 352:11,15	277:13 279:21
clearly 16:16 50:15	61:7,13,17 62:3	212:1 214:14	353:1,3,22 356:7	280:1 281:18
82:19 111:22	64:13,19 65:22	216:9 218:2,22	356:8 357:9	285:9 286:4
189:14 193:7,8	68:18 70:9 71:5	219:22 220:2,9,17	358:14,17 359:12	Columbia 1:16
199:8 208:22	71:20 74:21 78:14	225:5 226:9 228:6	359:21 360:21	combination 44:13
322:15 325:20	78:20 80:10 81:18	229:1,6,11,20	363:15	77:10 349:12
340:2 361:18	82:1 83:19 87:22	230:5,18 231:16	co-chairing 66:8	combine 309:15
clicker 96:5	90:17,22 91:3,7	230.5,18 231.10 232:8,22 233:9,21	Co-Chairs 1:10	combined 69:17
clients 204:4	92:6,10,15 93:14	234:8 235:3 236:5	co-occurring	96:11 101:13,15
clinic 63:3 70:15,18	94:6,8 95:1,15	234.8 233.3 230.3	120:16 310:12	198:19
79:13 135:2,4,5	96:13,21 97:1,4	238:16 240:16,19	code 33:21,22	come 9:15 11:1
17.13 133.4,4,3	70.13,41 71.1,4	430.10 4 <del>4</del> 0.10,19	Couc 33.21,22	Come 7.13 11.1
	<u> </u>		<u> </u>	<u> </u>

	1		1	1
12:5 19:11 20:12	233:20 234:1,3	361:8,20 362:4,7	comorbid 69:9	composite 8:8
20:13,17 39:19	251:10 254:16	commercial 63:16	111:6 125:4	30:11 34:9 35:14
41:8 73:22 74:19	258:2 271:21	64:6 112:12	312:13,14	35:20 45:9 48:16
91:16 93:20 94:12	272:11 284:7	126:12	comorbidity 38:13	49:1 55:5,18,20
94:14,16 113:7	305:19 306:5,6,15	commission 128:21	308:10	56:6 84:6 87:10
116:3 126:22	311:19 313:7	177:21 338:10	companion 255:4	92:20 93:10,21
152:12 167:11	320:10,18 322:16	committee 1:3,8	company 347:8	97:21 98:4,14
185:22 194:22	326:18 327:19	6:15 7:3 10:1	comparable 291:18	composites 7:5
195:6 207:14	328:14 335:16	28:22 29:2 55:2	compare 271:10	55:13 56:18
215:4 220:11	338:3 341:5	68:6 86:5 105:11	compared 47:5	computable 27:21
282:12 313:16	342:19 347:11	111:20 118:16	53:16 56:13	computer 130:19
314:4,21 321:20	358:8 360:20,22	140:12 143:19	212:12 306:2	concentrating
323:5 328:4	361:2,4	149:5,8 264:8	312:16	267:17,19
334:19 339:6	commented 166:21	270:1 282:15,17	compares 287:5	concept 85:4 95:19
340:18 359:14	comments 6:14,18	320:20 321:7	comparing 47:6	178:18 199:17
360:2,6	7:7 39:7 40:20	326:5 331:10	212:9 248:3	200:11 323:18
comes 9:10 10:3	41:12 45:2,3	334:13 336:13	284:21 329:20	324:3,4,17,18
12:2 17:6 19:8	51:17 66:3 81:20	362:13	comparisons	325:5 346:18
54:16 61:18 65:13	82:3 98:22 103:14	Committee's	349:22	347:7 350:14
91:13 92:13,14	104:7,19 106:5	149:14 160:22	compelling 127:21	concepts 10:8,19
172:17,22 177:3	132:6,7 134:11	committees 331:12	competing 209:17	11:6 17:7 25:14
178:22 181:18	135:10 136:8	331:16 336:3	291:16 314:16	351:16
292:21	139:22 143:18	343:8	compiling 129:1	conceptual 45:17
comfort 85:9,18	144:20 145:17	common 106:19	<b>2</b>	46:1 153:19 315:7
1	144.20 143.17	152:22 239:21	complement 183:19	
comfortable 35:8,9	· · · · · · · · · · · · · · · · · · ·	298:17 299:3		conceptualization 89:8
309:1	148:22 149:22		<b>complete</b> 33:10	
coming 8:18 11:21	150:11,13 151:1	346:21	95:5	conceptually 144:12 317:7
20:7 49:8 79:4,20	151:10 156:13	commonness 240:7	completed 31:8	
80:11 113:4 117:1	160:21 185:10	communicate	33:6,6,20,22 34:8	<b>concern</b> 77:3 79:16
100 15 010 10	206 17 214 15	1711101001		00 10 00 4 110 00
189:15 210:19	206:17 214:15	174:11 210:21	35:7 361:15	92:19 99:4 112:20
225:14 249:17	225:7 230:1 234:7	communicating	completely 90:12	114:7 119:6
225:14 249:17 256:11 304:4	225:7 230:1 234:7 234:9 240:16	communicating 182:20	completely 90:12 106:11 138:20	114:7 119:6 120:21 175:14
225:14 249:17 256:11 304:4 307:4 356:14	225:7 230:1 234:7 234:9 240:16 241:22 243:15	communicating 182:20 communities	completely 90:12 106:11 138:20 353:12	114:7 119:6 120:21 175:14 184:14 224:14
225:14 249:17 256:11 304:4 307:4 356:14 <b>commend</b> 344:7,20	225:7 230:1 234:7 234:9 240:16 241:22 243:15 244:12 251:12	communicating 182:20 communities 162:14,21 163:3	completely 90:12 106:11 138:20 353:12 completeness 119:9	114:7 119:6 120:21 175:14 184:14 224:14 304:8 311:13,14
225:14 249:17 256:11 304:4 307:4 356:14 commend 344:7,20 commended	225:7 230:1 234:7 234:9 240:16 241:22 243:15 244:12 251:12 258:22 259:16	communicating 182:20 communities 162:14,21 163:3 176:2 221:13	completely 90:12 106:11 138:20 353:12 completeness 119:9 complex 66:2 95:13	114:7 119:6 120:21 175:14 184:14 224:14 304:8 311:13,14 327:22 347:17
225:14 249:17 256:11 304:4 307:4 356:14 commend 344:7,20 commended 325:17	225:7 230:1 234:7 234:9 240:16 241:22 243:15 244:12 251:12 258:22 259:16 260:6,19 261:6	communicating 182:20 communities 162:14,21 163:3 176:2 221:13 community 3:17	completely 90:12 106:11 138:20 353:12 completeness 119:9 complex 66:2 95:13 204:11	114:7 119:6 120:21 175:14 184:14 224:14 304:8 311:13,14 327:22 347:17 <b>concerned</b> 88:1
225:14 249:17 256:11 304:4 307:4 356:14 commend 344:7,20 commended 325:17 comment 4:7,14	225:7 230:1 234:7 234:9 240:16 241:22 243:15 244:12 251:12 258:22 259:16 260:6,19 261:6 267:20 269:21	communicating 182:20 communities 162:14,21 163:3 176:2 221:13 community 3:17 24:14 103:10	completely 90:12 106:11 138:20 353:12 completeness 119:9 complex 66:2 95:13 204:11 complexity 79:12	114:7 119:6 120:21 175:14 184:14 224:14 304:8 311:13,14 327:22 347:17 <b>concerned</b> 88:1 121:10 124:15
225:14 249:17 256:11 304:4 307:4 356:14 commend 344:7,20 commended 325:17 comment 4:7,14 6:13 17:22 27:12	225:7 230:1 234:7 234:9 240:16 241:22 243:15 244:12 251:12 258:22 259:16 260:6,19 261:6 267:20 269:21 272:8 287:15	communicating 182:20 communities 162:14,21 163:3 176:2 221:13 community 3:17 24:14 103:10 163:2 170:16	completely 90:12 106:11 138:20 353:12 completeness 119:9 complex 66:2 95:13 204:11 complexity 79:12 compliance 185:12	114:7 119:6 120:21 175:14 184:14 224:14 304:8 311:13,14 327:22 347:17 <b>concerned</b> 88:1 121:10 124:15 145:9 161:17
225:14 249:17 256:11 304:4 307:4 356:14 commend 344:7,20 commended 325:17 comment 4:7,14 6:13 17:22 27:12 29:17 64:21,22	225:7 230:1 234:7 234:9 240:16 241:22 243:15 244:12 251:12 258:22 259:16 260:6,19 261:6 267:20 269:21 272:8 287:15 289:4,14,16 290:4	communicating 182:20 communities 162:14,21 163:3 176:2 221:13 community 3:17 24:14 103:10 163:2 170:16 171:21 192:11	completely 90:12 106:11 138:20 353:12 completeness 119:9 complex 66:2 95:13 204:11 complexity 79:12 compliance 185:12 complicated 123:4	114:7 119:6 120:21 175:14 184:14 224:14 304:8 311:13,14 327:22 347:17 <b>concerned</b> 88:1 121:10 124:15 145:9 161:17 162:21 165:4
225:14 249:17 256:11 304:4 307:4 356:14 commend 344:7,20 commended 325:17 comment 4:7,14 6:13 17:22 27:12 29:17 64:21,22 70:6 83:20 102:6	225:7 230:1 234:7 234:9 240:16 241:22 243:15 244:12 251:12 258:22 259:16 260:6,19 261:6 267:20 269:21 272:8 287:15 289:4,14,16 290:4 290:13,17 291:8	communicating 182:20 communities 162:14,21 163:3 176:2 221:13 community 3:17 24:14 103:10 163:2 170:16 171:21 192:11 193:13,16,20	completely 90:12 106:11 138:20 353:12 completeness 119:9 complex 66:2 95:13 204:11 complexity 79:12 compliance 185:12 complicated 123:4 199:9 327:5	114:7 119:6 120:21 175:14 184:14 224:14 304:8 311:13,14 327:22 347:17 <b>concerned</b> 88:1 121:10 124:15 145:9 161:17 162:21 165:4 177:12 203:12
225:14 249:17 256:11 304:4 307:4 356:14 commend 344:7,20 commended 325:17 comment 4:7,14 6:13 17:22 27:12 29:17 64:21,22 70:6 83:20 102:6 106:14 127:4	225:7 230:1 234:7 234:9 240:16 241:22 243:15 244:12 251:12 258:22 259:16 260:6,19 261:6 267:20 269:21 272:8 287:15 289:4,14,16 290:4 290:13,17 291:8 293:16 295:15,21	communicating 182:20 communities 162:14,21 163:3 176:2 221:13 community 3:17 24:14 103:10 163:2 170:16 171:21 192:11 193:13,16,20 196:20,21 201:5	completely 90:12 106:11 138:20 353:12 completeness 119:9 complex 66:2 95:13 204:11 complexity 79:12 compliance 185:12 complicated 123:4 199:9 327:5 component 38:10	114:7 119:6 120:21 175:14 184:14 224:14 304:8 311:13,14 327:22 347:17 <b>concerned</b> 88:1 121:10 124:15 145:9 161:17 162:21 165:4 177:12 203:12 220:15 221:14
225:14 249:17 256:11 304:4 307:4 356:14 commend 344:7,20 commended 325:17 comment 4:7,14 6:13 17:22 27:12 29:17 64:21,22 70:6 83:20 102:6 106:14 127:4 135:6 140:18	225:7 230:1 234:7 234:9 240:16 241:22 243:15 244:12 251:12 258:22 259:16 260:6,19 261:6 267:20 269:21 272:8 287:15 289:4,14,16 290:4 290:13,17 291:8 293:16 295:15,21 304:1 314:11	communicating 182:20 communities 162:14,21 163:3 176:2 221:13 community 3:17 24:14 103:10 163:2 170:16 171:21 192:11 193:13,16,20 196:20,21 201:5 202:4,21 236:12	completely 90:12 106:11 138:20 353:12 completeness 119:9 complex 66:2 95:13 204:11 complexity 79:12 compliance 185:12 complicated 123:4 199:9 327:5 component 38:10 38:15 41:20 43:22	114:7 119:6 120:21 175:14 184:14 224:14 304:8 311:13,14 327:22 347:17 <b>concerned</b> 88:1 121:10 124:15 145:9 161:17 162:21 165:4 177:12 203:12 220:15 221:14 348:6,8
225:14 249:17 256:11 304:4 307:4 356:14 commend 344:7,20 commended 325:17 comment 4:7,14 6:13 17:22 27:12 29:17 64:21,22 70:6 83:20 102:6 106:14 127:4 135:6 140:18 148:19 151:12	225:7 230:1 234:7 234:9 240:16 241:22 243:15 244:12 251:12 258:22 259:16 260:6,19 261:6 267:20 269:21 272:8 287:15 289:4,14,16 290:4 290:13,17 291:8 293:16 295:15,21 304:1 314:11 321:11 322:13	communicating 182:20 communities 162:14,21 163:3 176:2 221:13 community 3:17 24:14 103:10 163:2 170:16 171:21 192:11 193:13,16,20 196:20,21 201:5 202:4,21 236:12 276:9 329:14	completely 90:12 106:11 138:20 353:12 completeness 119:9 complex 66:2 95:13 204:11 complexity 79:12 compliance 185:12 complicated 123:4 199:9 327:5 component 38:10 38:15 41:20 43:22 99:6 246:8	114:7 119:6 120:21 175:14 184:14 224:14 304:8 311:13,14 327:22 347:17 <b>concerned</b> 88:1 121:10 124:15 145:9 161:17 162:21 165:4 177:12 203:12 220:15 221:14 348:6,8 <b>concerning</b> 31:18
225:14 249:17 256:11 304:4 307:4 356:14 commend 344:7,20 commended 325:17 comment 4:7,14 6:13 17:22 27:12 29:17 64:21,22 70:6 83:20 102:6 106:14 127:4 135:6 140:18 148:19 151:12 160:13 167:18	225:7 230:1 234:7 234:9 240:16 241:22 243:15 244:12 251:12 258:22 259:16 260:6,19 261:6 267:20 269:21 272:8 287:15 289:4,14,16 290:4 290:13,17 291:8 293:16 295:15,21 304:1 314:11 321:11 322:13 328:13 332:9	communicating 182:20 communities 162:14,21 163:3 176:2 221:13 community 3:17 24:14 103:10 163:2 170:16 171:21 192:11 193:13,16,20 196:20,21 201:5 202:4,21 236:12 276:9 329:14 346:18 347:7	completely 90:12 106:11 138:20 353:12 completeness 119:9 complex 66:2 95:13 204:11 complexity 79:12 compliance 185:12 complicated 123:4 199:9 327:5 component 38:10 38:15 41:20 43:22 99:6 246:8 components 35:13	114:7 119:6 120:21 175:14 184:14 224:14 304:8 311:13,14 327:22 347:17 <b>concerned</b> 88:1 121:10 124:15 145:9 161:17 162:21 165:4 177:12 203:12 220:15 221:14 348:6,8 <b>concerning</b> 31:18 45:7 75:18 227:15
225:14 249:17 256:11 304:4 307:4 356:14 commend 344:7,20 commended 325:17 comment 4:7,14 6:13 17:22 27:12 29:17 64:21,22 70:6 83:20 102:6 106:14 127:4 135:6 140:18 148:19 151:12 160:13 167:18 180:9 183:22	225:7 230:1 234:7 234:9 240:16 241:22 243:15 244:12 251:12 258:22 259:16 260:6,19 261:6 267:20 269:21 272:8 287:15 289:4,14,16 290:4 290:13,17 291:8 293:16 295:15,21 304:1 314:11 321:11 322:13	communicating 182:20 communities 162:14,21 163:3 176:2 221:13 community 3:17 24:14 103:10 163:2 170:16 171:21 192:11 193:13,16,20 196:20,21 201:5 202:4,21 236:12 276:9 329:14 346:18 347:7 348:20	completely 90:12 106:11 138:20 353:12 completeness 119:9 complex 66:2 95:13 204:11 complexity 79:12 compliance 185:12 complicated 123:4 199:9 327:5 component 38:10 38:15 41:20 43:22 99:6 246:8 components 35:13 35:20 68:1,9	114:7 119:6 120:21 175:14 184:14 224:14 304:8 311:13,14 327:22 347:17 <b>concerned</b> 88:1 121:10 124:15 145:9 161:17 162:21 165:4 177:12 203:12 220:15 221:14 348:6,8 <b>concerning</b> 31:18 45:7 75:18 227:15 <b>concerns</b> 26:22
225:14 249:17 256:11 304:4 307:4 356:14 commend 344:7,20 commended 325:17 comment 4:7,14 6:13 17:22 27:12 29:17 64:21,22 70:6 83:20 102:6 106:14 127:4 135:6 140:18 148:19 151:12 160:13 167:18 180:9 183:22 184:1 187:5 207:3	225:7 230:1 234:7 234:9 240:16 241:22 243:15 244:12 251:12 258:22 259:16 260:6,19 261:6 267:20 269:21 272:8 287:15 289:4,14,16 290:4 290:13,17 291:8 293:16 295:15,21 304:1 314:11 321:11 322:13 328:13 332:9 333:5,11 334:9 335:7,16,22	communicating 182:20 communities 162:14,21 163:3 176:2 221:13 community 3:17 24:14 103:10 163:2 170:16 171:21 192:11 193:13,16,20 196:20,21 201:5 202:4,21 236:12 276:9 329:14 346:18 347:7 348:20 community-based	completely 90:12 106:11 138:20 353:12 completeness 119:9 complex 66:2 95:13 204:11 complexity 79:12 compliance 185:12 complicated 123:4 199:9 327:5 component 38:10 38:15 41:20 43:22 99:6 246:8 components 35:13	114:7 119:6 120:21 175:14 184:14 224:14 304:8 311:13,14 327:22 347:17 <b>concerned</b> 88:1 121:10 124:15 145:9 161:17 162:21 165:4 177:12 203:12 220:15 221:14 348:6,8 <b>concerning</b> 31:18 45:7 75:18 227:15 <b>concerns</b> 26:22 113:6 123:6 144:3
225:14 249:17 256:11 304:4 307:4 356:14 commend 344:7,20 commended 325:17 comment 4:7,14 6:13 17:22 27:12 29:17 64:21,22 70:6 83:20 102:6 106:14 127:4 135:6 140:18 148:19 151:12 160:13 167:18 180:9 183:22	225:7 230:1 234:7 234:9 240:16 241:22 243:15 244:12 251:12 258:22 259:16 260:6,19 261:6 267:20 269:21 272:8 287:15 289:4,14,16 290:4 290:13,17 291:8 293:16 295:15,21 304:1 314:11 321:11 322:13 328:13 332:9 333:5,11 334:9	communicating 182:20 communities 162:14,21 163:3 176:2 221:13 community 3:17 24:14 103:10 163:2 170:16 171:21 192:11 193:13,16,20 196:20,21 201:5 202:4,21 236:12 276:9 329:14 346:18 347:7 348:20	completely 90:12 106:11 138:20 353:12 completeness 119:9 complex 66:2 95:13 204:11 complexity 79:12 compliance 185:12 complicated 123:4 199:9 327:5 component 38:10 38:15 41:20 43:22 99:6 246:8 components 35:13 35:20 68:1,9	114:7 119:6 120:21 175:14 184:14 224:14 304:8 311:13,14 327:22 347:17 <b>concerned</b> 88:1 121:10 124:15 145:9 161:17 162:21 165:4 177:12 203:12 220:15 221:14 348:6,8 <b>concerning</b> 31:18 45:7 75:18 227:15 <b>concerns</b> 26:22
225:14 249:17 256:11 304:4 307:4 356:14 commend 344:7,20 commended 325:17 comment 4:7,14 6:13 17:22 27:12 29:17 64:21,22 70:6 83:20 102:6 106:14 127:4 135:6 140:18 148:19 151:12 160:13 167:18 180:9 183:22 184:1 187:5 207:3	225:7 230:1 234:7 234:9 240:16 241:22 243:15 244:12 251:12 258:22 259:16 260:6,19 261:6 267:20 269:21 272:8 287:15 289:4,14,16 290:4 290:13,17 291:8 293:16 295:15,21 304:1 314:11 321:11 322:13 328:13 332:9 333:5,11 334:9 335:7,16,22	communicating 182:20 communities 162:14,21 163:3 176:2 221:13 community 3:17 24:14 103:10 163:2 170:16 171:21 192:11 193:13,16,20 196:20,21 201:5 202:4,21 236:12 276:9 329:14 346:18 347:7 348:20 community-based	completely 90:12 106:11 138:20 353:12 completeness 119:9 complex 66:2 95:13 204:11 complexity 79:12 compliance 185:12 complicated 123:4 199:9 327:5 component 38:10 38:15 41:20 43:22 99:6 246:8 components 35:13 35:20 68:1,9 85:17 86:4 92:21	114:7 119:6 120:21 175:14 184:14 224:14 304:8 311:13,14 327:22 347:17 <b>concerned</b> 88:1 121:10 124:15 145:9 161:17 162:21 165:4 177:12 203:12 220:15 221:14 348:6,8 <b>concerning</b> 31:18 45:7 75:18 227:15 <b>concerns</b> 26:22 113:6 123:6 144:3

198:10 220:5,19	connect 56:15	312:19	200:19,22	118:20 119:19
222:19 225:13	57:15 119:1	Constance 2:1	controlled 75:5	123:7,10 131:10
264:7 270:3	120:12 159:19	142:22	195:16	142:9 144:1,9
296:10 324:4,14	181:15	constant 119:3	controversy 67:4	145:4,13 221:1
342:22 343:13,19	connected 29:10	constituency	convene 351:2	<b>count</b> 56:14 79:5
347:21	56:15 100:18	156:11	conversation 52:13	108:18 117:11
concert 30:19	108:6 196:14	constrained 21:16	52:17 170:5 219:2	131:10 135:1
concisely 361:18	205:19 209:10,12	construct 211:18	291:20 345:20	153:5,6 154:10
conclude 149:19	222:3	constructed 81:6	conversations	155:4 174:9
conclusion 41:8	connecting 56:7	constructs 252:21	75:20 84:10	191:21,21 192:2
conclusions 222:7	119:7 163:13	Consultant 2:21,22	conversion 20:20	192:17 197:2
<b>concur</b> 247:6 355:9	connection 124:16	3:19	converting 21:1	199:4 207:1
condition 26:21	165:22 166:6	Consulting 2:6	convinced 90:13	239:15 353:21
111:7 125:4	204:19,22 205:18	consumer 119:16	coordinate 106:22	counted 123:8
171:15,19 308:14	connections 176:21	177:5 285:11	130:12	172:6 174:12,13
conditions 143:12	connects 346:4	consumer-facing	coordinated 50:12	counter 205:3
168:7 251:4 312:6	<b>Connie</b> 48:3 67:6	263:22	129:14	counterpoint
312:15 315:9	92:16 106:17	consumers 176:16	coordination 126:3	231:17
<b>conduct</b> 246:22	334:3	231:6,14 338:21	169:4 204:2	counting 195:21
conducted 109:6	connote 350:11	338:22 346:5	Coordinator 13:20	countries 301:17
109:15 248:9	<b>consensus</b> 6:10 7:3	348:19 351:8	28:18	<b>country</b> 30:1 239:9
confabulated 46:22	230:15 337:6	contact 106:13	<b>cop</b> 200:16	310:1 319:7
conference 1:9	350:21 362:13	115:4 253:11	<b>core</b> 22:6 38:2 68:4	<b>counts</b> 50:1 91:4,5
320:19,21	consequences	263:3 265:13,21	68:10	91:7,9 116:20
confidence 214:2	347:18 348:10	274:20	<b>Corey</b> 3:20 30:7	117:5 118:7,9
confidently 214:21	350:10	contacting 226:7	Cornell 1:16	155:10 188:6,7
configured 338:17	consider 36:15	content 355:15	correct 95:22	189:18,19
confirm 99:16	90:7 140:16	<b>context</b> 10:3 21:18	119:20 179:9	<b>county</b> 75:5 178:7
100:1 164:1	152:15 244:10	38:11 216:11	201:3 257:5	<b>couple</b> 18:15 30:9
confirming 256:7	245:21 251:1	282:19 316:18	266:21 275:13	31:20 39:18 59:6
256:15 274:10	295:14 324:12	continually 69:4	281:13	66:3 81:19 106:3
conflated 299:10	328:16 343:6	continue 15:22	correctly 339:8	106:5 160:21
conflict 143:4	considerably 47:9	78:5 177:8 196:22	correlated 59:12	165:18 251:17
conflicted 241:4	consideration	301:11 329:22	correlation 223:13	274:8 300:20
conflicts 7:21	121:15 251:8	continues 282:17	223:15,18,21	335:20 345:22
238:21	324:10 348:15	continuing 107:13	245:15 287:5,7,9	353:5 358:17
confounders	considered 48:22	188:5	correlations 223:4	<b>course</b> 217:13
227:16	186:6 193:17	continuity 157:7,15	<b>cost</b> 240:9 312:6	254:4 270:3 308:9
confuse 89:6	245:8 262:13	344:11,15	cost/affordability	312:5 361:14
confused 136:1	316:3	continuously 336:7	352:20	<b>cover</b> 130:9
217:4 313:12	considering 247:7	continuum 153:19	councils 140:14	coverage 163:16
319:19	consistency 248:15	193:15 195:11	counseling 42:21	covered 156:7
confusing 105:12	consistent 23:14	contradiction 88:3	44:10,14 72:3	164:3,3 264:13
115:12 217:7	25:4 108:22 217:2	contribution	83:9 84:4 95:5,5,7	266:14 267:15
315:17 322:10	317:8	341:20	99:6 100:6 108:17	<b>covers</b> 33:15
confusion 37:10	consistently 31:2	<b>control</b> 39:21 40:3	108:20 109:3,5,15	CPNP/PMHNP
192:7	41:19 42:8 45:22	40:7 46:9 120:8	112:4 114:9	2:13
	1	1	1	1

	<u> </u>	1	<u> </u>	
<b>CPT</b> 71:13	284:11,16	date 256:18 325:14	95:14 184:3	210:6
cracking 10:10		326:12 342:17	191:12 199:11	<b>degree</b> 168:21
crazy 26:17	D	362:19 363:1	235:11,12 261:8,9	338:18
<b>create</b> 126:12	<b>D</b> 2:6 4:1	dates 252:20	314:10 339:4	delay 273:7 277:11
168:4 347:22	<b>D.C</b> 1:10	<b>Dave</b> 238:16	dealing 256:8	<b>Delgadillo</b> 248:6
created 355:13	<b>D.E.B</b> 3:18 341:6	258:12 332:16	257:12	delicate 52:6
creating 76:1	<b>D.F.A.P.A</b> 3:2	343:22 345:3	<b>deals</b> 184:5	delightful 360:18
creative 48:7	<b>darn</b> 270:5	350:19	<b>Dean</b> 2:15 3:4	delirium 246:9
creatively 127:22	<b>data</b> 9:1 16:6 17:5	<b>David</b> 1:18 2:18	<b>death</b> 73:18 263:9	deliver 39:22
creativity 48:12	17:11 19:6 21:2	38:3 68:18 70:9	<b>decade</b> 77:13	delivered 149:11
<b>crisis</b> 173:8,10	21:10 22:6,8	174:19 187:3	<b>December</b> 291:13	delivery's 232:7
175:21 197:2	23:13,14,15,16	199:5,6,11 211:1	362:1	delta 257:9 258:1
crisis-type 176:20	27:19 32:10 40:11	284:5,19 329:9	<b>decide</b> 25:19 85:22	260:2 292:2
<b>criteria</b> 12:9,20	49:19 53:22 57:1	332:17 337:21	86:6 186:15 249:2	delusional 278:22
14:5,9,11 95:21	60:19 63:13,21	<b>Davids</b> 75:1 78:16	330:3,6 349:9,15	demean 84:17
100:6 116:4	67:10 69:22 73:18	<b>Davis</b> 3:15 296:4,6	351:6	dementia 249:13
138:12 139:21	77:18 78:3,8,12	296:20 305:19	decision 269:2	dementing 246:9
140:6,9 350:17	81:7 82:10 83:18	306:9 307:15,20	309:3,4 314:16	demonstrate
351:6	83:18 89:14	311:18 312:20	320:9 326:7	226:19 262:1,16
<b>criterion</b> 9:9,12,15	106:19 112:2,14	313:5 315:16	decisions 308:20	266:9,12
9:17,17 88:14	112:16 127:20	316:16 317:11	352:5	demonstrated
98:9 124:8	129:1,2 134:17,19	318:19 319:1,9	decrease 42:1,14	111:16 213:18
critical 143:20	134:20 146:20	320:3,17 322:8,14	42:19 59:10 74:6	248:9 251:5 264:9
204:20 265:15	160:1,8 166:17	323:11 328:7	decreases 110:11	demonstrates
311:15	168:1,10 169:11	329:7,17 330:4	decreasing 31:15	154:7 254:8
criticism 119:3	169:17 178:20,21	day 4:3 5:3,7 65:4	dedicated 30:18	demonstrating
critique 161:1	179:3,16,17	65:20 73:20 90:2	<b>deep</b> 114:6	255:9 273:9
Cronbach's 243:7	181:18 186:1	154:15 162:10	<b>defer</b> 325:14 326:1	283:17
244:7 248:15	187:6,7,12 189:22	170:20 201:16	327:11	denominator 79:1
cross 129:11	190:15 213:4	218:18 225:14	deferring 325:13	108:15 110:7,11
cross-talk 342:11	220:6 223:1	256:12,13,20	328:12	134:17 171:7
<b>crucial</b> 210:4 338:7	224:15,16 226:20	321:21	<b>define</b> 26:2 63:10	190:3 191:2,8
crux 40:16	228:4 229:2 238:5	days 20:19 158:8	63:16 91:20 190:8	196:18 197:14,15
<b>cry</b> 363:3	254:8 258:19	159:8,8 161:8,8	<b>defined</b> 56:10 68:5	202:19 214:6
CSAC 140:14	264:17 270:19	165:11 171:21,21	68:17 262:3,10	220:7 245:9
cultural 54:1 209:3	276:10 279:3	179:4,6 184:9,12	322:16	249:17 263:6
cumulative 65:7	291:5 292:9 293:10 312:10,18	184:12,13,18,21	defines 347:8	264:19 265:8
<b>curious</b> 314:6	313:11,14,16	184:22 185:18,18	<b>defining</b> 48:12	266:8 273:19
current 55:18	315:4,14,18 316:2	196:5 198:4,5,17	66:16 68:7	323:1
250:10 263:1	316:14 317:16,20	198:18 200:1	<b>definitely</b> 16:11	department 2:7,10
currently 20:11	318:5,8,13 324:18	256:21 335:20	24:14 75:18 122:7	3:9 62:16 130:10
36:2 75:9 90:10	325:3,5 327:21,22	341:10,11 347:1	291:19	157:8 158:2,6,16
113:15 264:15,21	328:8 330:19	353:6 361:11	<b>definition</b> 105:19	159:5,6,13 161:3
285:18 318:4 cut 205:21	349:9,11 354:4	363:6,12 <b>de</b> 79:21	144:6 175:18 176:7 214:20	162:2 163:1,12,21
cutting 206:3 218:3	database 47:6,7	de 79:21 deal 29:20 47:22	322:22	165:1,3,8,20 167:11 171:2,17
cycle 179:17 183:6	160:3,7	65:11,12 85:18	definitions 209:1	175:19 176:7,8
<b>Cycle</b> 177.17 103.0	databases 47:5	05.11,12 05.10	uciiiiiiiiiii 207.1	1/3.17 1/0.7,0
				<u> </u>

181:3,12,16,22	describe 22:22	23:22 111:12	162:9 204:9	dig 69:22
182:9 186:7 187:9	307:11	112:2 291:15	dictate 253:7	dilemma 357:7
188:6 342:1	described 124:3	336:6 337:7	die 77:5	diligence 321:22
356:14	169:10	342:21 363:14	<b>Diego</b> 317:17	dime 302:15
departments 168:5	describes 214:20	developing 29:13	difference 42:13	dimensional
207:6	317:15	106:18 182:21	53:9 222:13,14	301:12
<b>depend</b> 31:20	description 22:19	352:12	223:11 237:11	dimensions 303:3
dependence 116:10	82:4 196:11	development 1:21	255:7 261:15	direct 122:20
146:15 157:13	286:10	2:9 24:13 127:19	277:20 282:9	193:17 196:16
162:1,16 168:14	design 180:2	248:20 250:22	292:14 346:8	201:15
169:20 197:20	designation 12:2	336:17 342:7,8	differences 146:22	direction 7:2,4
dependency 161:5	designed 13:5	359:3	217:2 218:20	directly 41:13
162:5 180:19	245:10	deviations 60:22	285:6	59:12 171:13
181:4 191:19	<b>desire</b> 161:18	devise 204:10	different 8:15	190:18 191:8
224:20	desired 348:5	diabetes 25:18,20	24:11,12 25:22	202:10 228:20
depending 195:8	desk 233:18	76:11 312:12	35:3 46:7,10	<b>Director</b> 1:12,14,17
273:1 352:21	despite 114:1	<b>diagnose</b> 168:5,14	71:18 76:11 79:12	1:17,18,20 2:1,3
depends 54:10	detail 270:1 310:15	diagnosed 240:3,8	79:14 84:15 102:3	2:11 3:1,3,6,13
311:4	325:8 358:6	255:19 262:22	105:20 128:11	directors 186:22
depression 236:9	determination 42:6	272:16 312:7	130:3 157:22	disadvantage 276:8
236:20 237:1,3,7	determine 9:1	diagnoses 161:4	158:3 175:21	disagreements
237:14 239:10,13	42:10 53:15 58:1	162:3 168:1	212:16,17 213:13	140:13
239:16,21 243:12	61:12 94:3 262:6	169:11 207:10	213:22 214:1	discharge 191:15
243:14 245:4	determined 250:21	245:16,18,20	218:6,7,13 219:3	discharged 190:20
246:3 247:2 248:3	determining 42:21	323:5	227:16 232:19	190:21 191:4
248:7,13,22	detox 170:15	diagnosis 123:13	251:21 252:6	192:1,4,11 202:4
250:11 256:8	191:14,15,20	123:19 124:5	256:18 257:1	202:20
261:19,21 262:7	192:2,5 193:2,3,3	158:3,6,9,12,14	267:2 269:2	disclosed 161:15
262:10 263:1,18	<b>develop</b> 21:7 24:12	159:1,4,6 161:4	270:12 276:16,17	discomfort 86:3
264:12 265:14,19	developed 24:5,9	161:22 162:4,8	286:3 289:15	disconcerting
266:13 267:15	31:5 58:8 164:10	169:16 171:8,13	290:20 291:15	284:17
271:11 274:7	300:5 301:17	171:14,18 172:19	300:1 304:5,9,10	discuss 6:18 97:11
277:17 281:5	341:14	173:4 175:2,11	304:20 312:11,17	133:11 150:9
282:3 286:17	developer 8:10,12	179:7 197:16,18	317:20 319:13	235:21 241:15
287:6,8 293:4,14	13:6 39:15 82:10	198:2,5,6,11	323:16 343:1	288:6 314:18
297:3,17,22	86:20 87:5 106:4	199:2,4 203:4,9	351:7,19 352:20	362:7,16
298:15 300:14	107:6 127:8 145:2	203:15 207:17,22	360:3,6	discussant 142:22
301:19 302:12,14	236:6 243:17	215:5 239:13,16	differential 164:5	<b>discussed</b> 84:1 98:3
305:11,12,22	245:22 246:11	243:14 247:7	differentiate 123:9	102:21 107:19
308:12,21 309:14	247:14 252:3	252:13 254:22	differently 268:19	115:13 150:11
319:11,12	261:11 270:21	256:1,7,15 257:19	293:2 347:9	242:14 296:10
Depression/Major	296:3 303:4 306:5	262:9 263:11,18	<b>difficult</b> 45:22 53:8	326:21 343:20,20
4:9 236:4	307:11 321:15	264:12 274:9,11	54:13 93:12 113:2	353:8
depressions 290:22	343:3	275:9,19,20	122:14 178:2	discussion 4:12
<b>Depressive</b> 4:9	developer's 99:10	277:11,17 300:12	247:8 264:20	6:22 43:9,9 68:20
236:4	developers 10:15	322:20	358:6	79:10 84:9,13
Deputy 3:2	17:18 19:16 21:15	diagnostic 123:22	difficulty 243:20	97:22 104:18,21
			•	•

105:1 111:21	142:15 146:21	114:11 116:20,22	doubt 200:2	50:13,16,22 55:7
116:8 132:19	285:16	117:13 118:5	<b>Dr</b> 10:2 11:18 12:8	57:17,20 59:14
134:22 137:10	disparity 111:18	119:13 136:4	13:10,18 14:8,20	62:17 63:2,2 66:4
138:14 144:19	displaced 163:8	159:15 283:22	15:15 16:21 18:4	66:10 69:5,9,13
146:5 148:7	displaying 248:13	355:11	19:15 20:16 21:22	69:14 82:5 88:19
151:20 188:9	289:14	documenting	22:12 25:5 28:15	122:6 146:15
197:17 210:19	disseminating	118:11	55:8 56:17 57:8	149:18,20 157:9
229:21 246:21	78:13	documents 18:3	85:2 87:14 89:5	159:4 161:5,22
247:5 260:17	distant 183:5	239:14 243:21	90:19 91:5,15,22	162:4,15 168:14
268:11 270:7	distinction 12:1	357:17	92:8,13 93:1	169:2 197:19
290:2 291:2,10	205:8	<b>Dodi</b> 2:5 152:4	94:16 139:17	248:8 297:5 299:6
303:12,13,19,21	distinguish 214:21	170:5 284:4 315:2	140:5 216:5 291:9	drugs 26:11 34:13
305:7 320:13	distinguishing	317:10 329:8	296:4,20 305:19	34:13 37:11,21
326:11 327:19	290:14	333:1 337:1	306:9 307:15,20	38:14,20 41:15
330:22 331:1,7	distribute 336:18	doing 13:12 16:8	311:18 312:20	45:19 51:11 57:12
335:11 338:9	distributed 223:17	25:21 27:17 28:9	313:5 314:15	58:9,13 72:18
340:21 359:14	distribution 223:16	28:16 35:5 40:1	315:16 316:16	75:13 293:6
363:8	ditto 345:4	47:16 49:10,15	317:11 318:19	drunk 74:12
discussions 335:13	divergence 353:6	61:1 85:5 108:6	319:1,9 320:3,5	dsiscussion 18:20
339:19 344:6	353:14	116:13 128:9	320:17 322:8,14	<b>DSM-5</b> 73:14
disease 1:13 76:1,8	diverse 126:6	162:6 183:16	323:11 328:7	dual 125:20
76:21,22 301:17	diversity 232:10	203:21 225:15	329:7,17 330:4	due 216:21 321:22
346:12,15	DMH 2:5	255:18 256:5	332:10 334:10	dumped 78:11
disease-oriented	DNP 2:3	259:2 272:7,13	350:19 352:13	dysthymia 237:1,8
346:8	doable 51:9	274:14 283:22	356:11 358:10	237:14 239:13,17
disincentive 168:4	doc 70:17 79:21	285:18 297:7,13	<b>draft</b> 362:10	256:8 261:21
disincentivize	82:15 351:11	297:22 298:10,10	drafting 361:16	262:10 305:22
180:13	docket 43:5	298:20,21 304:5	dramatic 310:3	
<b>disorder</b> 4:9 31:12	docs 70:16 172:16	308:8 309:9 311:6	draw 214:3 275:1	<b>E</b>
59:18 110:6 124:6	175:14 215:4	322:18 323:13	<b>DRGs</b> 312:11,17	<b>E</b> 4:1 235:1,1
124:8 132:13,15	doctor 44:4 64:7	329:20 340:15	313:2	e-measure 98:10
132:17 170:12	doctor's 43:5	341:18 342:15	drink 31:16 120:5	e-measurement
195:10,15 236:4	doctors 52:14,16	348:8	120:7 127:7,12	19:2
245:11,11 249:5	300:6	dollar 62:10	128:1,4 167:4	<b>E&amp;M</b> 101:5
251:3 278:18	document 71:15	dollars 156:9	drinkers 31:15	earlier 42:15 59:8,9
297:3,4,16,18	109:21 117:9	DOLORES 2:5	119:21	96:11 170:5
298:3,6,8,16	136:1 218:16	domain 186:2	drinking 120:18	193:14 252:21
299:5 301:19	243:13 286:11	domains 299:3	128:3	254:4,11 262:14
308:6,22 338:14	304:18 317:15	300:1	<b>drinks</b> 33:12	349:18
disorders 120:17	330:13 337:5	door 229:2	<b>drive</b> 179:14,19	early 20:19 53:17
123:3 193:16	documentation	<b>DORIAN</b> 3:13 5:6	183:3	58:4 209:1 248:19
246:4,4,7 263:12	117:7,8,19 118:13	6:6 7:6,10 96:1,4	<b>drop</b> 77:17 310:15	273:10,21 276:6
298:17 299:4,5	135:1 316:22	107:8 235:20	dropping 65:5	283:20 284:2
303:10 307:21	324:11	326:16 331:2,11	drug 30:20,21	ease 93:11 175:13
308:6	documentations	331:15 335:8	31:19 33:4,14	easier 58:6 198:16
disparate 346:1	357:17	361:10	36:14 38:9 45:8	easiest 58:15 255:1
disparities 113:18	documented 72:11	<b>Double</b> 352:1	46:14 48:10,19	easily 27:21 46:19
				100:4
L	1	1	1	•

	1		1	1
easy 28:1 76:20	118:22 350:4	eleventh-hour	54:10 63:11	entity 22:6 213:6
99:16,22 100:10	<b>EHR</b> 17:6 19:21	324:10	<b>EMTALA</b> 163:20	215:11,12,16
182:8 184:19	21:3,9,13,18	eligibility 71:4	enact 225:14	311:6
258:15 288:14	29:21 72:21 83:17	eligibles 125:20	encounter 193:10	environment
350:12	83:18 348:22,22	elucidate 74:15	encourage 51:7	195:17
eat 199:20 200:2	EHR/EMR 49:20	<b>email</b> 106:6	82:9,13 99:18	envision 185:10
echo 75:19	<b>EHRs</b> 10:13,16,17	<b>emailed</b> 331:22	157:7 181:10	<b>Epic</b> 16:12 18:14
<b>ED</b> 157:21 161:9	12:22 17:11 29:15	<b>eMeasure</b> 8:19 9:7	206:8 253:5	56:4 73:1
170:13 172:16	83:1	12:17,18 18:13	274:17	<b>episode</b> 178:12
177:14 178:6,13	<b>eight</b> 276:18	20:14,18 21:7,8	encouraged 100:3	equal 355:13
180:20,21 182:4	286:11 347:2	27:10 41:20 53:12	encourages 293:16	equivalent 85:10
185:14,17 186:9	<b>Einzig</b> 1:18 70:10	87:2	encouraging 90:15	<b>ER</b> 122:16 167:20
186:10,13,22	79:11,18 199:12	eMeasurement	160:15 167:4	168:2 175:1,7,9
190:8,13 194:2	199:16 200:3,10	87:21	<b>ended</b> 152:7	175:14 176:18,22
195:1,6 201:13	284:20 332:16,16	eMeasures 10:7	endorse 57:5	177:3 179:1
203:8 204:4,5	345:4,11	20:11 87:17	112:20 314:7,13	189:18 191:6,16
209:4 226:6 227:9	either 44:9 55:5	emerge 85:14	endorsed 11:22	192:14 203:4
Edenberg 297:22	59:14 63:8 93:21	89:13,15	12:4,5 20:12,14	204:19,20 205:4
<b>EDs</b> 187:1,14 208:4	100:22 115:11	emergency 3:9	21:20 56:2 86:10	225:14
education 1:20	117:7 124:15	62:16 157:8,15	86:15 90:3 107:22	error 249:8
53:4,5 59:18	134:18 142:8	158:1,5,15 159:5	112:5 267:4	ERs 49:12 180:4,4
345:17	154:14 157:8	159:6,13 161:3	329:16	206:8 231:7
<b>EDUs</b> 159:17	159:8 166:3	162:2,22 163:11	endorsement 93:20	escapes 77:12
<b>effect</b> 37:12,16	196:10 201:13	163:12,21 164:11	141:8 233:6,8	especially 128:16
58:14 61:22 74:15	240:1 262:16	164:11 165:1,3,8	261:4,5 271:3	152:18 274:18
77:22 222:11	307:3 321:19	165:14,20 168:4,5	295:12 314:16	310:3 316:17
226:20	324:22 338:15	171:2,11,16	337:14 362:17	336:2 337:19
<b>effective</b> 44:6,12,22	349:21	175:19 176:3,7,8	enforce 120:14	338:13 345:13
52:11 81:13,14	<b>elderly</b> 355:19	176:22 178:12,14	<b>engage</b> 115:20	essentially 7:1
115:14,20 144:1	356:13,16	181:3,12,16,22	<b>engaged</b> 156:10	20:16 22:18,20
203:19 292:22	electronic 15:5,7	182:9 183:7 184:3	engagement 47:11	92:1 97:1 98:18
effectively 130:15	15:13 16:5,13	186:5,7 187:9	119:5 132:15	99:9 118:10
130:20 254:5	21:10 22:9,10	188:6 198:3 207:6		139:18 155:22
effectiveness	27:4 45:21 57:16	215:4	enjoyed 363:6	268:7 323:6
114:18 253:19	72:16 77:17 89:14	emergent 74:18	enrollees 160:9	325:14 326:2
effects 59:22 143:7	electronically	emphasis 23:20	ensure 13:22 23:12	et 86:17 161:12,12
254:6	26:15	87:9	164:2 231:20	ethnicity 146:22
efficacy 32:19	element 102:2	emphasize 142:11	237:15	EURAC 296:15
40:13 42:11,12	elements 12:14	231:2,5	ensuring 120:2	evaluate 9:6 14:6,9
43:13 48:10 83:16	14:14 17:5,11	<b>empiric</b> 164:18	entailed 81:8	30:21 35:1 73:21
efficiency 151:1	22:7,8 23:13,16	211:18	<b>entered</b> 63:14	255:4 309:8
<b>efficient</b> 7:19 71:8	41:1 57:1 68:4	empirical 316:14	enthusiasm 88:10	evaluated 41:19
141:16	106:19 210:8	<b>EMR</b> 33:18,19 34:3	enthusiastic 89:2	286:16
efficiently 360:12	elevated 256:14	54:11 56:16 75:15	entire 34:12 237:13	evaluating 47:3
effort 17:20 210:2	262:11 274:19	78:11 100:22	331:18	62:13 119:8
226:2 341:21	275:9	101:7 117:2,13	entirely 340:10	282:20
efforts 28:19	elevation 277:21	<b>EMRs</b> 32:18 50:21	entities 214:7	evaluation 2:7 19:9

			<u> </u>	1
55:18 73:7 94:19	293:21 294:1	exclude 202:16	experimental 40:2	<b>fact</b> 15:21 17:10
evaluations 76:15	307:5,17 329:2	249:2	<b>expert</b> 135:11	18:6 21:7 43:12
<b>event</b> 109:10,11	330:8 346:8,10	excluded 110:7	148:17 344:8	49:19 53:22 55:6
198:13	350:10,17	170:9,18 191:2	351:2	55:14 62:21 77:5
events 108:17,20	evidence-based	194:18 196:6,18	expertise 124:16	81:7,10 90:7
109:7,8,14,17	44:5	201:6,8,10,20	explain 11:12	112:11 114:1,8
114:8 119:18	evident 77:4	202:18 203:6	16:19 26:8 54:19	143:21 171:3
142:9,10	evolution 352:2	246:7 247:21	79:1 218:1 224:8	233:11 251:1
eventually 357:21	<b>evolve</b> 336:1,7	298:5,7	243:5 249:6 250:6	297:11,18 298:12
everybody 15:20	<b>exactly</b> 6:6 13:18	excludes 171:7	334:10	302:1 306:11
16:2 28:4,9 46:13	20:22 40:22 48:5	245:10	explained 17:16	337:3 340:7
73:21 96:5 97:2	59:8 88:4 89:11	excluding 203:13	224:7 250:1	<b>factor</b> 256:7 276:13
102:22 129:2	109:13 194:19	exclusion 171:6	explanation 223:22	factoring 339:18
147:18 150:20	309:22 310:2,9	196:13 202:9	explicit 44:19	<b>factors</b> 73:15 93:5
209:6 215:16	322:2 358:6	247:3	explicitly 170:19	250:22
219:16 229:14	exam 163:22	exclusions 170:3	172:4	<b>failed</b> 227:12
230:11 241:21	examines 143:20	190:16 245:8,22	exploring 211:19	<b>failure</b> 159:18
244:20 275:7	example 13:14	246:17,18 263:8	expressed 149:5	210:20
294:13,21 295:8	18:13 19:18 29:14	excuse 240:13	264:7	fair 7:2 15:16 22:13
331:22 334:21	33:10 47:2 90:7	exercise 340:6	<b>extend</b> 47:21	85:15 139:11
335:3,4 345:5	238:11 285:2	exist 54:6 307:6	extensions 132:6	324:13 327:15
353:21 361:1	293:3 307:2,21	existence 250:16	extensive 101:8	<b>fairly</b> 144:19 219:1
everybody's 7:18	312:9 317:13	existing 35:14	286:10	<b>fall</b> 115:19
82:1	319:10 323:3	107:21,21 108:10	extensively 18:4	falls 53:10 67:20
everyone's 298:10	329:15 331:17	110:6 119:4	extent 24:21 25:2	familiar 158:19
evidence 9:19	340:18 347:19	157:18 184:17	49:21 120:20	187:3 214:18
12:10 24:22 36:5	examples 329:2,6	262:22 283:6	130:5 291:18	<b>family</b> 103:4
36:8,18 39:8	353:11	360:13	extra 41:11 69:20	340:11 341:5
42:16 44:12,21	exams 84:3	exists 53:20 168:3	326:4	351:11
45:20 50:4 51:19	excellent 184:2	expanding 49:13	extract 19:6 160:2	far 34:22 49:4
57:11 82:5 85:9	335:16	expect 63:5 71:2		51:17 84:19 94:4
85:12 86:4 88:7	<b>exception</b> 90:9,16	86:17 183:11	<b>F</b>	161:17 162:21
88:12,18,22 89:15	90:18,20 91:19,20	expectation 16:2	<b>F</b> 235:1	172:2 186:16
89:18 90:6,8 91:2	91:20 96:10,20	19:13 85:4 86:12	<b>FAAN</b> 2:13	306:17
91:12 92:2 95:18	133:9 146:4	86:14 88:5 89:22	<b>FAANP</b> 2:13	fatigue 251:3
96:8,9,10,18,19	188:22 241:14	337:8	face 114:5 148:17	favor 89:2 355:7
110:1 114:17	exceptional 235:5	expectations 109:8	164:20 215:2,2	fear 75:22
116:3 121:11	310:19	113:11	222:18 229:3	feasibilities 258:20
127:1 132:22	exceptionally	expected 13:13	243:11	feasibility 12:17,19
133:7,8,9 143:6,7	176:12,13 177:4	14:6 19:12 64:2	facilitate 24:3	13:14,15,22 15:13
143:19,21 144:9	excess 312:6	196:21	facilities 190:13	18:13 102:18,20
145:22 146:1	exchange 57:17	expecting 11:20	191:14 356:17,20	103:1,5,19,22
149:19 177:13	349:6	expecting 11.20 expects 125:21	356:20	113:1 137:10,12
188:16,20 227:3,6	exchanges 340:22	expects 123.21 expense 13:8	facility 122:16	137:17,20 150:19
240:13 241:1,12	excited 5:8 68:21	expense 15.8 expensive 50:17	162:18 171:3	157:17,20 130:19
,	69:21 70:8 82:2	_	190:5,9,12,19	*
267:22 268:19		<b>experience</b> 124:12 278:4 357:12	195:8 205:4	229:9,17 258:11
269:6 292:19	<b>exciting</b> 5:9 84:17	270.4 337.12	facing 285:12	258:13,14 259:4,8
			Iucing 203.12	

			I	I
259:12 288:6,8	<b>figuring</b> 349:10	<b>fish</b> 333:13	126:19 132:11	<b>forum</b> 1:1,9 27:6
289:5,7,9 294:21	<b>file</b> 271:17	<b>fits</b> 270:8,10 292:12	141:21 142:5,7	66:5
295:1 339:19,20	<b>fill</b> 88:12 324:22	<b>five</b> 44:4 75:10,12	144:7 146:14,18	<b>forward</b> 11:5,7,13
<b>feasible</b> 14:1 51:9	359:6	75:16 150:17	157:18,21 158:7	18:6 37:7 86:2
150:21 229:3	<b>final</b> 136:16,21	262:4 275:3	158:10,17,18	95:20 96:16,20,22
258:15	138:2 148:12,14	297:12 301:17	159:7,15 161:7,19	97:10 98:1,16
<b>February</b> 362:12	260:18 301:15	317:15	175:12 185:7	102:17 104:1,16
federally 103:2	330:22	<b>fix</b> 187:22	191:17 193:5	113:6 133:10
<b>feds</b> 338:15	<b>finally</b> 186:14	flags 140:12	195:1,22 196:2	134:2,8 136:19
<b>fee</b> 220:14	362:18	<b>flat</b> 279:12	198:4,21 199:19	137:9,22 139:8
<b>fee-for</b> 162:12	<b>find</b> 12:22 19:21	<b>flaw</b> 179:21	201:16 202:5,6,13	146:4 147:17
fee-for-service	32:1,1 37:19	flexible 99:11	202:21 211:13	148:6 150:8,19
160:8	62:19 63:10 84:17	flip 252:15	218:18 225:15	151:7,19 155:18
feedback 283:5,11	127:22 129:3	<b>flog</b> 73:20	226:16 227:4,8	156:20,21 188:22
329:19 358:3	154:9 155:3 164:9	Floor 1:9	231:10 253:11	189:12 219:20
feel 35:8,9 52:19	208:17 221:7	<b>flow</b> 10:22 50:19	255:14 263:5	228:5,17 229:18
53:3 82:11 133:15	223:11,18,20	209:4	266:2,6,8 271:4,7	233:8 242:3,12
167:3 208:9 309:1	227:12 286:6	flus 207:15	279:7,14 280:4,12	245:2 256:19
324:9 325:8 335:3	308:14,20 310:20	<b>FNAP</b> 2:13	280:22 281:2,10	258:11 259:13
335:4 340:1	312:10 357:19	focus 17:18,19	283:21 293:15	260:16 262:15
350:19 353:17	358:7	30:12,13 36:6,8	348:12 358:20	269:7,12,17 290:9
feeling 84:20	<b>finding</b> 10:16 42:1	39:9 115:22 116:1	<b>followed</b> 165:10	295:3,12 331:10
205:19 281:7	50:14 64:5 222:10	142:17 160:12	173:5 184:16	<b>found</b> 10:15 44:1
327:6	344:13	169:3 196:19	185:17 201:5	64:2 110:12,16
feels 208:10,11	fine 78:19,20 132:6	202:19 209:22	270:15 279:9	121:15 125:15
339:1	298:21	302:6,20,22	280:19 281:12	148:19 169:10
<b>felt</b> 111:13 118:21	finesse 49:22 50:8	323:18	following 31:17	178:1 223:9 243:3
119:10 132:10	<b>finish</b> 34:12 131:3	focused 58:10	52:11 120:21	243:10 245:14
145:12 198:15	172:13 174:4,18	109:3 157:6	281:8	317:21 318:10
239:22 240:6	199:7	159:10 197:13	<b>follows</b> 313:22	329:19 357:18,22
245:17 246:18	finished 28:19	focuses 32:20 108:8	<b>force</b> 36:14,17	358:6
258:15,17 259:21	33:19	focusing 302:9	239:3 300:14	Foundation 2:12
270:1 287:13	<b>first</b> 5:16 7:11 9:12	folks 27:7 49:15	328:17 350:21	<b>four</b> 14:9 30:13,14
female 19:14 63:18	9:16 17:22 41:10	134:13 144:20	<b>forced</b> 129:12	35:19 37:8 86:4
78:22 143:1	45:3 55:12 65:10	148:18 163:11	Ford 2:19	132:10 148:5
158:11 241:5	86:18 108:6 113:4	165:1 184:6	forever 49:22	157:22 161:2,21
275:18	170:22 171:12	239:14 348:19	<b>forget</b> 87:3 317:22	175:4 212:6 225:6
<b>field</b> 23:11 27:20	172:13 178:21	<b>follow</b> 47:19 92:17	<b>forgot</b> 242:17	233:13,15 237:9
63:15 68:17 87:12	185:10 190:3	108:6 131:8	<b>form</b> 21:1	239:12 252:10,11
146:16 283:12,17	199:8 207:1	184:17 284:8	<b>formal</b> 19:9 337:5	252:22 253:12
<b>fields</b> 20:5,6 30:14	235:12 236:19	288:19 336:5	339:12	255:20 257:21
<b>fifth</b> 164:8 298:14	238:2,20 249:10	338:2	formalized 283:4	265:9 272:14,17
<b>Fifty</b> 207:10	254:9 262:2	<b>follow-up</b> 17:21	Former 2:21	275:1,21 276:22
<b>figure</b> 39:13 53:12	272:16 290:16	46:6 72:10 84:1,4	<b>forth</b> 19:7 50:19	277:8,15 312:16
78:4 127:11	296:13 307:8	107:5 108:3,12	155:19 271:2	312:21 317:17,19
276:21 298:11	326:22 331:3	109:22 111:9	306:18 312:13	four-month 237:6
336:4 351:5	354:2,8,11 361:14	113:22 119:12,22	322:20 350:17	<b>fourfold</b> 265:9,10
		·		,
	I	I	I	I

			l	
282:8	<b>further</b> 8:22 20:10	generally 164:20	<b>global</b> 301:16	53:8,11 54:13,14
<b>fourth</b> 164:7	64:21 104:18,22	169:14 215:22	314:9	56:20 60:16 62:18
<b>FQHCs</b> 297:12	136:20 138:13	270:2 327:16	globally 311:9	63:15 70:19,20
fragmentation	146:5,7 147:20	generate 106:2	<b>go</b> 11:13 13:6 20:14	71:1,10 73:6,11
125:10 126:13	151:20 260:17	<b>gentle</b> 296:16	22:8 26:7,16,19	73:17,21 77:19
fragmented 180:1	290:1 300:11	gentleman 122:10	29:20 43:17 45:3	78:11 79:22 81:7
<b>frame</b> 196:5,17	future 121:7	122:22	49:5,6 53:4 64:20	82:14 83:5 84:16
198:21 252:12	227:21 250:21	<b>getting</b> 10:9 14:2	69:5 71:5 86:8	85:11,14 86:22
262:19 267:2	251:8 284:10	40:3 50:14 68:20	94:9 95:20 100:20	88:11,16,22,22
277:15 360:10	326:2,12 335:12	76:9 108:5 120:9	120:13 127:19	92:22 94:2 95:17
framework 55:18	336:16 359:2	181:21 182:2	128:16 129:16	99:15 100:3 107:1
FRANKLIN 3:13		186:17 202:4,6,15	131:4 133:10	107:2,3,10,16
8:17 321:9 322:1	G	207:19 208:2	139:20 140:3	115:10 120:8,9
331:8 363:9	G 4:1	209:10,11,12	141:5 153:1,8,12	121:11 122:1
frankly 82:7,22	gap 35:22 96:20	216:17 221:5	156:17 162:8	126:14 128:6,7,17
89:20 177:1	97:3,5,9 111:17	235:6 240:4	167:21 178:11,14	129:4,7,12 139:8
184:19 325:17	112:1 133:10,20	257:10 271:16	186:8,9,10 191:6	155:18 162:13
freaking 64:7	133:22 142:14	273:14 277:9,12	191:7,8,9,11,14	166:4,21 167:18
<b>free</b> 306:11	146:5,8 147:8,15	282:15 283:20	192:2,19 195:7,7	168:10,11,13,19
free-standing	153:18 188:22	289:2 299:17	196:20 199:5,18	168:20,22 172:18
186:8	189:2,5 222:21	301:9 340:13	200:14 219:18	173:18 174:10,16
frequency 118:11	225:17 231:13	344:8 351:17	220:8 221:19	177:7 179:1,18
frequent 162:7	239:22 240:3,7,15	354:15 362:6	236:1 238:17	181:16 183:3,11
236:22 237:16	241:16,18 242:1	363:7	244:21 268:9	183:13 185:22
274:21	268:1 269:7,10,10	Gilbody 248:6	270:5 271:21	191:11 192:15
frequently 162:7	294:4,6 303:7,8	<b>give</b> 9:8 16:6 49:3	279:22 286:2	194:6 195:1 200:4
171:16 252:16	340:3 362:7	76:18 85:18	287:18 290:11	201:4 202:6
253:6,14,21	gaps 88:6,12 231:4	160:22 161:13	293:5,17 308:14	203:12 209:6,19
274:18 346:22	231:6 283:1	164:14 184:12	321:19 325:7	211:22 213:18,19
<b>front</b> 16:11 353:21	303:20 335:11,17	187:3 215:17	332:5 339:3	213:20 214:5
<b>full</b> 108:4 174:8	336:15 338:8	232:9 249:12	347:18 354:13	215:21 217:13
299:20,21	340:10 341:22	253:7 255:2,10	<b>go-round</b> 251:2	224:15 228:4
full-on 52:12	346:1 359:7	274:9 283:11	goal 240:4 243:13	229:12 232:14,18
<b>fully</b> 32:17 139:11	Garden 206:19	306:8 321:21	296:6	232:19,20 233:12
161:15	gas 200:15	322:2 325:1,9	<b>God</b> 210:1 354:6,13	235:3,11,14
<b>fun</b> 66:13	gather 9:1 81:10	352:8 358:5	goes 6:13 188:14	239:19 243:4
function 156:4	gathering 81:7	359:19	245:12 271:22	256:17 257:15
231:8	Gender 286:16	given 15:4 45:2	306:19 344:17	258:18 261:8,9
functional 19:19	general 5:22 25:14	53:19 55:6 109:9	347:10	268:2 270:1 273:6
functioning 5:22	29:18 66:10 68:2	111:14 154:18	going 7:14,21,22	273:8 277:8,14
fundamental 83:16	75:16 91:15	162:8 168:11	13:7 18:5,16,19	279:11,15,17
180:8	125:11 143:9	272:7 277:19	18:22 19:20 24:21	282:16 286:11
fundamentally	149:15 160:11	278:3	25:8 27:1 28:5,6	290:11 291:12
179:20	224:22 285:22	giving 62:11 179:6	39:22 41:11 42:3	292:18,21 293:17
<b>funded</b> 130:9	316:5,6 338:5	210:11	42:5 43:12 45:11	302:13,15 309:2
<b>funder</b> 340:5	340:2 342:1	glad 43:20 87:15	46:4,8,16 50:12	312:2,3 313:15
<b>funky</b> 22:19	generalizability	105:14 235:4	50:21 51:13 52:18	327:7 328:12
	149:2			

				l
330:11 331:10	<b>great</b> 23:20 46:15	117:2 121:17	130:13 135:2	232:13 317:3
332:14 338:15	65:1 85:18 242:13	123:6 155:1	166:6 181:6	head-nodding
349:14 351:10	252:14 261:13	178:18 207:7	199:18 200:14	327:15
358:20	296:5 302:18	210:10,10 222:12	204:22	health 1:3,13 2:2,4
<b>gold</b> 328:18	316:20 344:15	240:4 252:2 258:5	happened 5:12	2:7,11,12,14,20
Goldstein 1:20	356:5 359:16	259:6 271:21	93:5 113:13	2:21,21 3:6,20 6:7
172:15 333:15,16	greater 168:20	272:22 276:20	happening 30:18	15:5,7,8 22:9,10
<b>good</b> 5:4,6,8 10:6	248:11 261:22	278:1 287:17	30:22 41:21 42:17	28:21 29:14 35:21
15:6 17:1 18:22	262:12 275:12,14	288:22 292:1,11	129:4,13 154:9	37:5 47:4 49:14
19:22 22:12 29:9	275:16 302:6	300:18 301:15	166:1 181:7	53:14 57:16 60:3
32:10,19,19 36:6	greeting 204:5	321:19 327:9	happens 118:1	60:21 72:16 77:18
36:22 40:10,13,15	<b>group</b> 19:9 29:21	328:8 330:21	181:17 183:6	78:8 89:10 93:8
42:16 55:8 64:4	29:22 34:19 39:22	357:20	185:6 191:1 198:9	103:2,10 108:14
68:11 77:22 78:5	40:3,7 52:15,16	guidance 155:11	206:17	109:20,21 110:4
85:2 91:1 106:22	64:6 66:7 84:22	337:6 357:4	<b>happy</b> 52:10 354:3	110:20 111:2
107:1,12 114:5	98:19 110:14	guide 9:6	355:3	112:12 114:15,21
116:9 121:19	131:21 143:18	guidelines 67:16	hard 7:18 10:16	115:8 116:18,22
131:10 142:12	148:18 153:12	<b>guinea</b> 105:15	46:9,11 50:16	117:8 118:3 122:9
162:3 173:9,22	160:12 227:17	<b>guy</b> 51:2	87:11 144:15	122:14,15,18
199:21 206:21	238:7,9,11,12	guys 11:2 95:14	162:22 178:18	125:1,2,6,6,11
209:15 213:16	240:14 243:10	150:9 185:14	199:10 226:19	126:7,8 127:10
215:22 216:1	246:22 247:6	241:14 296:14	229:12 235:8,9	128:20 129:8,19
218:6 236:5,8	249:1 250:22	334:14 339:7	321:21 363:12	134:21 143:16
248:13 259:2,17	259:15 287:12		<b>harder</b> 273:6,8	148:13 149:4
260:4 270:5 272:2	303:2,21 321:18	<u> </u>	280:9	153:9,22 154:1,6
284:18 310:2	324:16 325:18	half 32:12 101:18	hardship 343:17	154:17 155:2
331:16 336:3,22	336:22 344:9,10	101:18 168:3,12	harm 172:17 231:6	156:2,5,6 157:10
337:16 339:19	349:8,8 354:11	334:15,16	harmful 143:7	158:2,7,9,16,17
355:6 357:6	357:15 358:13	halfway 49:5	harmonization	158:21 159:1,13
359:19 363:13	362:15	hammer 308:3	25:11 290:18	161:5,22 162:3,15
<b>gosh</b> 203:15 361:11	<b>groups</b> 142:17	hand 209:7 325:16	291:2,5,7,10	163:9 165:21
<b>gotten</b> 21:14	197:17 253:5	342:14,15	305:7 314:1,5	166:2,12 169:1
201:17 354:6,17	271:10 272:4	handful 52:21	331:1	171:15,18 173:4
government 347:20	274:17 280:12	handle 50:21 327:7	harmonize 23:8	175:2,11,16,20
<b>GPRO</b> 264:4	304:10 311:20	handled 71:19	harmonized 291:17	176:20 180:14,18
<b>grab</b> 233:18	349:3,13 354:20	handling 317:6	harmonizing	181:2,9,14,18
grace 275:5	grow 51:12	hands 339:3	338:19	182:4,13 184:2
<b>grant</b> 353:19	growing 31:13	HANLEY 3:16	harms 90:11 92:5	185:15,20 187:15
Granted 264:19	GRUMET 1:20	23:10 24:20 35:12	<b>Harold</b> 1:10,14	193:22 194:4,5,6
<b>gray</b> 136:19 137:9	172:15 333:15	56:22 71:3 72:2	48:4 55:9 92:18	198:6,7,8 202:17
137:22 138:20,22	Gryffindor 332:15	72:14 79:3,16	166:20 354:16	203:4,9,22 205:2
139:15,21 140:6,7	guaranteed 298:13	80:6 87:7 100:5	hat 166:22 185:3	207:22 208:3,4
140:20 228:17	guarded 192:16	102:22	hate 124:13	209:4 210:9 213:1
337:17 343:2,7	guess 12:6 29:5	happen 42:16 65:3	haunt 185:22	215:5 218:17
350:13 355:9	38:2 51:14 54:18	77:2 86:18 93:4	<b>HCUP</b> 175:3	221:10,12,15
361:19	61:1 65:2 99:3	115:7 121:12	head 49:7 70:22	224:21,21 225:13
graying 355:18	106:3 115:10	124:22 125:1,2,7	88:15 114:14	225:18,22 226:7
		125:7 126:15		
L	•	-	•	•

			l	ĺ
232:14,15,20	<b>Helen</b> 3:12 20:10	148:1,4,4,15,22	<b>hold</b> 63:15 120:6	hospitalization
240:10 263:13,22	23:18 54:18 84:9	150:6,17 151:6,17	162:22 166:18	157:19 158:19
268:22,22 278:17	87:22 95:22 98:9	176:16 188:20	172:9 174:3,17	177:4 184:17,18
285:4,16 292:22	105:14 321:12	189:5,7,7,10,10	holding 120:1	193:11,18 202:12
296:1 297:2	339:8 349:17	204:1 209:9,19	165:19,21 167:20	205:13,17,22
298:12 299:2	Heller 2:2	216:3,13 217:14	hole 21:6	211:21 222:6,9,15
301:16,18 302:3,7	help 27:8 29:6	217:16 219:19	home 174:11	312:15 313:3
302:10 303:10	37:16,18 78:6	228:15 229:17	186:16 190:20	hospitalizations
306:21 309:22	81:1 113:8 123:9	230:14 241:12	191:4 192:1,19	226:18 231:7
312:3,7,14 313:1	175:13 177:2	242:2,4,5,9,10	194:22 195:6,7	hospitalized 122:5
317:18 338:11,13	181:9,10 182:7	243:2 244:11,22	200:15 263:10	175:6 205:9
339:15 340:7,22	207:20 216:10	245:15 255:9	308:14 359:11	hospitals 49:12
341:1 343:18	231:3 275:10	258:10 259:12	homeless 32:3	156:6 181:10
345:16 348:1	297:9 300:11	260:14 269:10,10	38:17 63:3	356:21
349:2,5 355:20	350:3 351:3,6	269:12,16,16	homes 153:12	host 305:9,13
356:12,15	352:9	274:12 288:1,5	181:8,11 184:2	hot 285:22
health/substance	<b>helpful</b> 17:14 19:8	289:9,21 294:6,7	203:22 302:1,4,8	hours 321:1
177:19	73:11 78:13 81:9	294:9,10,15,19	homework 358:18	<b>House</b> 332:15
<b>HealthPartners</b> 3:6	328:10 348:18,21	295:2,6 298:3	honest 54:11 85:13	houses 194:11
healthy 70:16	349:14	310:8 335:13	honestly 61:21	housing 32:8
132:12 204:13	helping 17:17	362:14	77:12 78:1 356:16	<b>HUDSON</b> 3:16
hear 64:20 85:15	39:15 74:6 231:14	high-risk 48:13	hooch 64:10	107:12 117:4,15
236:13 261:10	321:3	<b>higher</b> 40:1 63:6	hook 130:17 312:1	117:18 123:18
296:5 320:1 332:3	helps 225:20 282:5	265:5 349:19	hope 19:17 29:8	132:8 134:14
338:1 349:20	342:1 351:5 355:4	350:16	62:12 82:20	135:7,19 136:3
356:10 360:20	<b>HENA</b> 3:1	higher-performing	129:15 208:6	142:2 153:4,21
heard 16:7 35:18	<b>Henry</b> 2:19	264:22	227:21	154:3 155:1
35:22 84:9 99:12	<b>heroin</b> 50:17	highest 75:17 352:7	<b>hopeful</b> 233:14	156:22 157:5
99:14,21 116:19	heterogeneity	359:17,20	hopefully 68:12	158:13 165:17
142:15 169:18	53:20	highlight 139:9	94:20 121:8 210:5	169:7 180:10
209:16 288:21	<b>HHS</b> 34:21 340:2,3	328:9	300:7	184:15 190:2
289:13 300:21	340:5,10 341:17	highlighting	<b>hoping</b> 20:2 21:14	192:8,21 196:3
313:14 331:13	342:7	183:16	301:13 334:18	201:9 212:15
hearing 88:21	hi 251:22 270:22	highly 64:17 74:7	Horgan 2:1 48:4	215:6 216:15
133:18 137:2,14	296:5 341:6	213:19 214:9,10	92:17 93:7 334:3	217:18 218:4
138:5 145:19	<b>high</b> 34:22 62:13	216:19 298:17	334:3	222:22 226:3
147:5 156:14	66:14,16,19,20	307:22	horse 16:8,9,10	<b>huge</b> 50:8 87:8,16
208:10,11 222:19	67:8,11,13 70:2	HINS 29:21	127:6 167:3	121:22 231:13
230:5 320:15	74:4 75:6 96:8,18	<b>hinted</b> 349:18	200:10,12 204:8	258:18 340:8
heartbroken 363:2	97:9,10,19,19	Hispanic 63:19	horses 127:11,21	Human 3:8
heated 66:12 75:21	98:15 102:16	historically 177:20	<b>hospital</b> 1:15,15,19	<b>hybrid</b> 134:16
heavily 85:20 114:2	103:9,22 104:15	<b>history</b> 80:4 186:2	3:3,10 16:14	135:8,12,16 154:8
<b>heavy</b> 19:21	109:9 133:7 134:1	255:1	60:20 62:9 73:4	155:6
<b>HEDIS</b> 179:17	134:2,6,6 136:17	<b>hit</b> 186:16 348:20	128:10 129:6	hypertension 76:11
190:8	137:7,20 138:10	hits 204:4 207:4	173:15,20 177:22	hypotheses 41:5
held 84:6 226:1	142:20 146:2	<b>HMO</b> 162:14	181:17 185:13	hypothesis 164:19
362:19	147:15,17,19	163:10	191:16 347:4	222:3
	1	1	1	•

1 1 1 1000 5	l	05 400 45 400 44	l	101 11 055 11
hypothesized 223:7	immediate 108:12	87:6 99:17 120:16	inadequately	121:14 357:11
224:12	immediately	121:14 130:6	176:17 240:2	incremental 266:1
hypothetical 13:2	226:13	142:18 143:20	inappropriately	incrementally
I	<b>impact</b> 37:5 41:16	144:2,16 145:14	240:2	280:6 292:7
ICD-9 262:11	42:22 44:17 60:3	153:17 160:14	incentive 121:4,4	independent 73:15
	69:6 77:20 87:4	176:12,13 177:5	121:12 337:15	93:5
iceberg 207:4 idea 10:5,6 15:16	91:17 92:19 251:2	183:16 221:17	incentives 348:1	independently 93:3
20:21 21:11 85:5	251:7 284:12	231:3 232:17	incentivizes 273:20	94:4
178:17 212:22	<b>impacted</b> 59:17	267:16 276:13	include 24:16,22	index 131:9 132:16
267:15 310:10	<b>impairment</b> 249:10	282:12,17 292:9	46:4 132:9 168:15	161:8 255:17
319:21 334:15	250:2,17	303:2,6 304:7	176:9 197:11,18	256:12,18 262:13
344:11 354:20	imperfect 209:2,21	328:2 335:21	263:9	271:6 275:11
ideal 128:19	imperfections	337:19 338:13	included 79:17,17	278:10 286:18
ideally 128:19	210:1	340:14 341:22	103:4 109:2,4	Indian 285:4
342:17	implement 103:11	346:14 347:13	148:12 149:6	indicated 58:18
ideas 84:15 282:21	123:4 215:15	348:15 350:5	171:20 176:10	261:14
identical 261:15	311:21 349:15	351:12 356:4	191:17 197:8	indicates 143:22
identified 30:15	implementable	improve 129:13	210:8 237:19	263:2
67:8 110:8,11,19	42:8	157:14 205:22	247:22 263:6	indication 139:20
112:1 119:14	implementation	210:6,15 231:3	264:5,8 271:6	indications 283:19
134:18 274:19	16:1 32:11,19	259:22 282:21	320:8	indicator 179:22
303:2,4 336:15	35:2 245:12	329:5 336:8 350:3	includes 142:8	253:18 324:19
identify 113:3	implemented 16:14	improved 270:4	250:10,12,13	325:1
119:19 134:16	32:18 41:18 113:8 242:20	282:8	300:9 305:12 340:9	individual 56:1
213:5 282:22		<b>improvement</b> 32:15 51:10 56:19	including 30:8	57:1 78:9 80:8 85:17 143:4
identifying 47:17	implementing 255:5	127:16 147:13	36:22 65:7 69:22	170:11 194:1
110:9	implicated 114:2	179:5 183:18	109:20 144:1	213:5 225:4
<b>Ignore</b> 294:3	implies 194:16	226:14 238:15	153:14 168:17	259:18 272:3
ill 31:21 201:6	importance 39:9	239:21 259:18	251:1 299:5,6	individually 56:5
205:7,11,12 206:3	82:2 95:18 97:21	260:2 263:19	363:14	56:21 314:20
illicit 30:20 31:19	98:14 131:2,6	264:11 266:21	inclusion 79:6	individuals 122:4
33:4,14 34:13	132:20 133:12	267:7 270:14	170:4 171:20	143:8,13 170:9
41:15 45:7 51:10	144:21 145:17	282:3 283:18	264:2,3	203:2 205:13
58:9 59:14 62:17	172:13 174:4,18	350:4,8 357:16	incorrect 279:1	206:6
illness 74:20	188:12 235:17,18	improvements	increase 152:15	infection 70:20
107:15 108:8,16	238:18 240:17	139:4 266:1	265:10	79:20 80:3
114:4 124:21	257:9 267:10,21	353:16 360:4	increased 62:22	<b>influence</b> 68:13
129:20 132:1	302:21 303:20	improves 36:12	109:8 265:9	200:21
143:8 146:12	304:2 323:17	328:20	increases 59:19	influenced 215:19
157:19 169:15,16	important 6:3,21	<b>improving</b> 113:10	279:7 280:11	influences 213:12
171:9 182:1	6:22 7:16 10:18	284:3	increasing 280:6	inform 88:22 89:19
197:19 199:4	12:1,17 13:4 17:4	impulsive 173:1	342:10,13	information 3:15
207:5,8,12 211:21	17:7 18:12 19:11	in-person 326:20	increasingly 17:4	31:18 39:19 57:17
310:6,7 347:7	29:3,4 61:11,20	in-service 209:8	23:3	72:15 81:10,12
illnesses 114:3	62:8,18 68:22	inaccuracies 54:1	incredibly 44:3	83:4,8,10,12,17
imagine 13:3 178:4	70:11 71:10 80:15	inaccurate 178:22	80:15 120:16	105:21 106:3
285:5		3.2.2.2.2.3.3.4.2.7.0.2.2	20.10	
	I		I	I

	<u> </u>	1	 	l
123:22 126:5	316:2 339:21	interest 87:17	65:13	112:21 113:1
142:13 182:20	insufficient 90:8	220:7 238:22	intrinsically 178:2	130:4 134:10
185:11 271:17	92:2 96:9,9,19,19	356:12	introduce 276:12	137:11 139:22
282:15 283:5	97:10,20 98:15	interested 18:6	introduced 37:10	140:8 144:13
286:6 296:6	102:17 104:1,16	69:11 169:8	197:6	155:8 169:1
323:22 326:13	133:8 134:2,7	interesting 40:5,10	introducing 346:20	183:16 199:9
327:1 349:6	136:17 137:8,21	44:1 89:9 105:17	invest 204:10	209:3 228:1 238:6
informative 270:20	138:11 146:3,3	281:17,19 285:18	<b>invites</b> 139:22	240:13,13 248:21
informed 106:11	147:16 148:5	346:13 351:4,7	<b>involved</b> 48:6 76:7	266:15 267:20
324:6	149:19 150:7,18	interestingly 203:2	130:4	290:13 303:7
infrequent 183:14	151:18 188:21,21	interface 356:2	<b>IOP</b> 153:11	307:18 314:9
<b>initial</b> 89:8 254:10	189:6,11 219:20	intermediate 267:5	irrelevant 316:4	323:16,19,21
261:22 273:1,11	228:16 229:18	<b>internal</b> 135:15,16	<b>island</b> 121:21	324:17 326:19
275:15 278:9	230:15 241:13,13	226:14 248:14	issue 28:13,16	340:18 355:20
286:18 299:9	242:3,11 245:1	internally 58:3	29:18 39:8 45:7	357:1,2 360:10
315:17	247:10 259:13	intervene 38:20	49:22 50:8 66:2,4	item 186:4
initially 303:14	260:15 269:11,17	43:2 52:18 159:19	66:9,20 68:15	iterations 296:8
initiating 318:12	288:2,5 289:10,22	intervened 42:20	74:8 82:2 83:6,7	355:16
initiation 47:10	294:7,11,16,20	intervention 8:8	89:11 92:18 95:17	iterative 18:8
119:5	295:3,7	26:2 30:17 31:6	112:7,8 114:6	- J
initiatives 50:12	insurance 164:1	32:2,6,7,13 33:7	116:1 119:13	
injury 171:12	209:11 250:12	33:15,20 34:5,7	120:16 123:14	<b>JAMA</b> 37:1 38:16
inner 207:10	287:1	34:15 36:12,20	130:22 131:1,16	297:20
innovative 11:6	insured 38:22	37:20 38:9 40:4	143:20 145:2,6	January 121:8
inpatient 122:16	integrated 116:15	40:14 42:13 43:10	149:13,15 156:1,3	326:18 358:20,22
153:5,10 154:5	238:11,14	43:21 44:2,5,11	156:8 158:16,18	<b>Jeff</b> 18:18 127:2
162:19 186:14	integrating 156:4	44:17,19 45:11	162:5,11,11 167:4	267:10 269:20
187:2 190:19,22	integration 2:12	46:12 51:19,20	173:1 175:15,16	288:8 307:7,9
191:7,9,13 192:9	126:3	52:1,9 53:3,9,19	176:16 185:8	317:10 334:2
195:21 196:2,14	integrative 345:14	53:22 56:9,10,13	187:15 195:3,19	349:16
201:14 202:11,14	intellectual 356:2	65:3,16 67:18,19	199:11 211:4	Jeff's 60:6
205:17 206:4	intellectually 355:5	71:12 72:3,4 76:5	221:18 226:10	<b>Jeffers</b> 2:11 14:4 43:19 80:13
211:13,21	intended 114:15,21	76:19 80:21 81:2	264:14 267:16	
inpatient-based	117:22 211:2	81:5,8,11,17 82:7	270:21 271:22	114:13 145:1 170:2 192:6 193:6
193:2	351:7	82:17 93:6 100:17	272:1 276:15	
input 58:22 232:4	intensive 153:6,7	101:1,22 115:14	282:11 289:4	194:13,19 195:4 203:1 211:3
354:17	170:20 193:10	118:15 120:10	309:22 310:2	203:1 211:3
inputting 25:10	195:14 201:18,22	269:1 328:19	320:6 324:2,17	
insertions 243:22	202:1,7 203:21	329:3	330:20 335:17	333:17,18 357:10 <b>JEFFERY</b> 3:4
instance 26:10	intent 84:22 253:8	intervention-type	340:8 346:14	Jensen 2:3 332:19
121:1 331:17	357:6	175:22	351:17	332:19
<b>Institute</b> 1:18 2:1	intent's 232:7	interventions 38:21	issues 22:1 29:4	Jersey 203:20
3:8	intentionally 17:9	45:8 67:21 82:5	31:20 35:11,21	Jesus 128:5
instruct 249:11	intently 354:10	82:12 119:2,2	36:1 37:8 66:22	job 78:5 127:6,17
instrument 244:5	inter-rater 142:12	154:18 328:19	67:5,11 68:8 84:5	235:5 355:6
260:5 310:22	148:11,15	interviewed 297:12	97:13 98:4 106:7	joint 128:21 177:21
311:2 315:6,19	interaction 106:11	interviewing 52:4	106:8,12 112:10	226:2 338:10
				440.4 330.10

<b>jour</b> 79:21	187:11 188:7	102:3 105:12,17	317:14 320:4	303:1 333:9,9
journey 87:13	190:5,6 201:7	105:18 106:1	327:12 329:4	348:17
107:13	207:2 225:16	112:19 114:1	330:9,9,12 332:1	large 31:9 32:10
judge 268:15	235:19 255:13	115:4 116:7	332:4,5 333:12	35:4 41:18 77:20
Julie 1:20 188:10	272:11 275:1	119:21 120:3,4,13	336:8,22 337:11	97:2 116:8 159:12
333:15	277:17 278:5	124:12 126:8,16	338:10 339:1,7,10	238:10 273:9
jump 7:11	285:19 290:21	127:9 128:12,13	339:21 340:2,16	318:3
JUNQING 3:17	292:6 299:10	128:21 129:5	340:16,20 342:2	large-scale 40:11
	300:18 301:11,13	131:22 135:15,18	343:4,19 344:18	largely 110:17
K	304:6 306:19,22	135:20 140:8,16	348:2,13,19 351:8	347:20
<b>K-6</b> 310:8,21	308:7 309:7	142:11 152:21	351:10,14,22	larger 169:1
Kaiser 2:18 128:15	316:19 319:10	153:13,20 154:11	353:10 354:6,7,7	largest 16:12
<b>kappa</b> 148:20	329:22 330:8	156:7 162:13	355:2,13 356:14	Larry 71:8 94:10
243:6	336:7 338:19	163:3,13,15,17,19	356:17 358:7	122:13 183:20
keep 10:9,10 45:13	339:2,9,12 355:6	165:2 166:4 167:7	360:1,11,13,14,16	313:19 353:2,22
49:7 71:7 86:7,8	358:18 360:7	168:2,17 169:5	362:6	lastly 187:5
144:19 173:14,15	kinds 25:16 84:12	173:7 174:11	<b>knowing</b> 17:6	late 39:14 58:12
177:8 210:18,19	109:7 112:21	181:19 182:13,14	341:21 342:14	183:5,14 273:11
231:11 235:7,8	130:3 175:21	185:8 187:7 188:2	knowledge 252:4	laudable 283:14
302:13	209:13 210:7	196:12 198:6,12	known 32:21 58:22	Laughter 64:15
keeping 29:10	212:17 310:5	199:20 200:4	342:3	90:21 157:2
keeps 26:13 34:15	314:9 360:10	202:9 205:20	knows 167:10	160:19 165:15
Kelleher 2:5,6	knew 284:13	207:21 208:19	340:2 356:21	199:15 200:9
152:6,10 153:8	know 7:13 10:8	209:5,11,20 210:1	<b>Knudsen</b> 2:6 143:2	216:14 239:2
154:2,11 284:6	15:10,15 17:4	210:15 213:21	143:3 146:9	258:21 268:13
329:10 333:1,1	18:9 19:17 20:21	223:6,12 226:11	147:18 148:10	296:17 336:19
337:2,12	21:2,15 22:18	226:13 227:1,3,6	150:10,20 151:9	<b>Lauralei</b> 3:13
Kendall's 287:9	24:1,4,7 26:14,17	227:7 230:21	333:20,20	321:2,13
<b>KENDRA</b> 3:16	26:18 27:5,14,22	232:9 235:17,19	kosher 48:16,22	<b>Lauralei's</b> 363:10
kept 322:6	29:12 33:12 34:22	239:20 243:7,11	<b>Kraig</b> 2:6 143:2	LAURENCE 2:17
key 41:1 111:20	38:12,18 39:5,17	243:19 253:6	333:20	law 156:2 168:3
153:17 330:20	40:21 41:13 44:6	257:12 265:7		lawsuit 242:19
338:7 342:9	44:11,20 49:11	271:21 272:2,7	L	LCSW 2:8
kick 141:22	50:3,18 51:4,11	273:15 276:9	labeled 140:20	lead 29:12 35:17
kid 199:20,22	52:3,7,8,9,20,21	278:16 279:2,19	lack 28:13 112:22	120:4 127:6,21
200:5 207:13	55:4,22 56:6,17	280:16 282:2,8	159:14 166:7	142:21 250:9
kids 149:16,21	58:3 59:6 62:9,12	283:3,7,13 284:11	221:19 266:6	309:5
207:12,14	63:12,17 69:6	284:11,13 288:14	323:21 341:1	leaders 344:21
kind 13:12 21:5,12	70:4,7,16 73:6	288:15 291:4	lag 225:13	347:20
29:6 38:6 49:15	74:4,11,18,22	292:1,8,12,12,17	language 19:5	leadership 2:4 29:3
49:17 66:22 67:1	76:18 77:12,14	293:5,18 296:8,15	27:18 146:22	288:15 344:21
67:6 68:2,3,6 71:6	79:22 84:15 85:3	296:22 297:1,16	323:2	leading 120:6
83:15,18 88:20	85:5,19 86:2 87:7	298:7 302:6,10,21	languages 251:19	167:3 344:8
109:19 118:13	88:2,6,14,14,19	303:7 304:9,11,15	251:21 252:2,6	leads 101:21
126:13 129:3	89:17 90:13 91:18	306:4 307:20	<b>Lardieri</b> 2:8 27:13	163:16
149:16 163:16	93:10 94:4 95:12	308:3 311:10	29:19 65:1 135:22	lean 358:10
174:3 179:11,21	99:8,17 101:8	312:5 316:7	136:7 174:6	learn 15:19 87:19
182:18 183:15	77.0,17 101.0	212.2 210.7	232:12 302:18	10.17 07.17
	l		l	l

129:12	300:22 302:11,20	linkage 172:3	152:21	157:20 169:17
learned 17:1 21:4	345:19	173:8,22 177:22	logic 118:21 177:12	177:20 178:18
105:16 135:17	letters 335:9	178:1,17,19	177:14 179:21	212:6,13 218:7
354:13	letting 140:3	179:15,22	180:8 183:6 185:2	226:15 230:22
learning 80:16	level 50:5 55:20	linked 100:4	315:12,14	243:1 272:4 302:2
344:10 346:7	62:9,10 80:8 85:9	linking 177:18	logically 18:17	305:21 312:11
357:11	86:3 87:8 88:4,5	links 316:14	long 50:6 58:10	316:21 319:10
leave 129:5 181:17	108:10 114:16,21	lion's 297:1	94:21 100:5	looking 8:19 9:8,12
195:6 342:3	116:16 117:5	<b>Lisa</b> 2:3 3:2 332:19	117:12 158:22	9:13,16,22 23:16
leaving 233:12	121:1 124:11	333:22 334:1	161:14 185:6	24:7,14,17 27:16
<b>left</b> 194:2 342:14	127:10 142:6	<b>list</b> 51:21 66:19,20	191:20 219:1	30:19 78:8 80:1
legislature 121:9	165:19 167:19	176:17 318:22	231:15 239:7	105:11,22 106:20
legitimate 37:3	171:4 182:18	359:15	279:18 300:2	108:17 116:6
221:4	183:4 195:9 201:7	<b>listed</b> 91:9 118:11	347:4 356:20	117:19 123:22
<b>Lehrer</b> 167:8	213:4 238:9 252:4	listened 354:10	359:15	124:1,21 142:4
length 184:6	281:5 290:18	listening 68:20	long-term 58:21	154:12,12 156:3
lengthening 359:18	292:13 307:1	340:4 354:14	longer 21:15	158:4 159:5,7,22
Les 17:20 26:4	310:8,15 335:13	literally 90:20	174:17 347:1	161:2 178:22
96:13 127:4	343:17 350:15,16	101:6	longitudinal 262:5	179:3,11,15 190:4
160:17 206:15	362:14	literature 31:13	longitudinally	190:4 191:4
211:9 219:22	levels 100:17	159:11,16 245:13	253:4 262:15	192:18 196:7
228:2 231:17	152:20 352:7	246:22	look 12:16 14:13	197:15 202:2,5
257:6,11 314:2	levied 102:4	little 8:15 24:11	15:12 20:18 22:6	203:14 211:13
332:12	liability 175:10	28:3 31:17 40:7	22:19 23:7,12	215:12,14 223:14
<b>Leslie</b> 3:9 15:2	231:9	55:17,22 78:15	53:13 57:15,22	239:5 242:22
16:22 182:10	<b>Library</b> 22:16 24:2	81:3 88:1 99:20	71:17 78:12 85:10	252:18 253:3
309:9 356:11	<b>life</b> 19:21 83:3	100:12 115:11	91:14 107:14	256:6 258:1 262:6
Leslie's 28:16	173:3 240:10,10	162:20 165:4	119:4 135:14	262:15,19 267:6
lesser 168:21	357:2	174:17 187:6	140:15 153:2	275:2 280:14
lesson 172:22	Likewise 159:2	208:9 211:12	154:1,4 160:4	286:7,14,14,16
let's 30:3,6,10	<b>liking</b> 243:8	217:11,17 237:22	164:17,21 165:7	297:20 304:16
45:13 64:19,20	limitation 149:9	243:8,20 254:12	169:11 175:3	307:17 319:19,20
71:6 86:16 92:15	limitations 175:8	254:18 265:5	197:21 201:20	346:6 349:22
92:15 96:16,21	200:7 343:10	274:2 279:5 280:9	212:19 214:19	352:21 354:4
103:16 104:9	limited 112:3	283:21 284:16	223:4 226:22	looks 23:1 30:16
111:19 123:16	146:20	326:3 335:6	227:17 228:1	132:14 157:18
131:4 132:18,19	limiting 149:7	340:13 357:3	232:4,5,21 246:13	299:22 308:4
133:19 136:11	limousine 200:16	358:5	282:5 285:15	losing 7:14
137:15 148:13	line 20:7 165:6	<b>LIU</b> 3:17 111:5	304:8 312:5	lost 185:7 280:22
151:13,22 172:9	173:8 230:19	169:19 202:8	313:16 314:19	340:10
190:3 194:10	240:4 275:2	live 178:15	324:11 329:1,13	<b>lot</b> 6:22 7:20 10:13
199:5,7 200:14	lined 289:16	lives 194:16 346:12	338:8 339:13	10:15 20:20 23:10
211:16 229:6	lines 173:10 233:22	<b>living</b> 153:16 195:2	344:19 346:14,15	24:21 29:12 30:6
230:6 232:22	<b>lingo</b> 87:3	<b>LOC</b> 176:15	348:22 349:1,1	38:13 50:9,11,19
234:10 261:10	link 55:7 177:14	locations 59:7,9	357:15,17 359:7	51:22 63:6 66:8
267:9 269:19	204:6 307:13	285:1	looked 25:18 47:13	67:5 82:19 105:16
272:14,18 273:5	316:20 330:16	locked 93:12	107:20 108:11	125:17 127:14
	1	1	1	1

		<u> </u>	1	ı
128:12 153:11,13	<b>lumped</b> 51:11	343:2	Mathematica	meaningful 218:20
153:17 177:1	lunch 141:11	male 63:17 268:14	341:13	223:21 237:20
184:16 188:5	233:18 234:10	man 173:2	matter 46:18 61:2	264:2,5
189:19 195:19	335:17	manage 306:22	61:4 76:13 141:18	meaningfully 217:2
197:16 198:16		309:2 323:5	234:13 293:2	means 87:2 90:19
199:16 203:13	M	managed 160:9	346:16 363:18	90:22 114:11
205:20 209:10,15	<b>M.D</b> 1:16 3:1,2,4	298:18 312:7	<b>matters</b> 78:2,3	135:13 140:3
213:17 214:2,6	65:8	management 2:2	346:10,11	216:11,17 235:13
216:2 218:12	<b>M3</b> 3:15 296:6	117:9 124:4 172:1	<b>Mazon</b> 2:11 14:4	253:11
220:5 229:21	303:15,17 313:13	172:3 203:22	43:19 80:13	measure 5:17 6:14
230:22 240:14	319:20 324:19	300:12 309:5	114:13 145:1	7:11 8:9,11,17,20
259:16 274:3	325:1,3 327:19,22	manager 3:13	170:2 192:6 193:6	8:21 9:7,9,14,18
292:10 308:9,13	328:5	109:21 116:21	194:13,19 195:4	9:20,22 13:3,5,7
315:18 325:17	<b>MA</b> 338:16	managers 49:14	203:1 211:3	14:7 15:22 16:3
327:22 347:12	<b>Mady</b> 1:17 20:1	130:11 345:16	220:12 305:5	17:18 20:22 23:17
351:5 354:14,17	83:20 111:19	managing 204:1	333:17,18 357:10	23:22,22 24:6,13
lots 10:8 20:3 25:15	129:16 131:3,12	mandatory 29:15	<b>MBA</b> 2:10 3:9	30:4,12,17 31:4
84:15 189:15,17	143:2 167:21	<b>manner</b> 23:14	<b>MD</b> 1:12,14,18	33:10 34:10,17
189:20 220:9	201:1	Manor 3:1	2:17,18 3:5,7,9	36:6,7,8 37:15,22
227:15 340:9	<b>Mady's</b> 107:3	manually 26:16,19	mean 16:17 18:9	38:6 39:6,9,14
loud 332:7	Magellan 346:19	<b>MAP</b> 340:19,19	29:12 33:21 47:2	40:16 42:7 43:20
<b>Louder</b> 236:14	main 29:16 30:13	352:9	50:15 54:11,18	44:8,16 45:9 46:3
love 278:14 332:11	31:20 37:18 51:14	marching 93:16	57:14,15,19 58:9	48:10,19 49:1
345:15	323:7	margin 209:20	60:15,22 64:10,11	54:15,20 55:11,18
low 96:9,18 97:9,20	maintaining	mark 2:10 11:11	64:11 73:17,18,19	55:22 59:5 62:5,5
98:15 102:17	265:13,21 274:20	12:6 45:5 99:14	73:20 74:3 80:7	62:19 67:4 68:21
103:22 104:16	maintenance 20:18	99:21 100:11	84:11,17 85:13	69:18 70:11 71:10
110:13 133:8	337:14	101:20 195:18	87:1 89:5,6,21	79:6 80:15 81:1,5
134:1,7 136:17	<b>major</b> 113:6 114:2	226:15 262:17	90:18 93:11	82:16,21 84:6
137:7,21 138:11	237:1,7 239:16	265:1 278:13	100:10,11,19	85:10 86:20 88:7
146:2 147:16	248:13 256:8	281:11,16,22	110:1 112:15,17	88:11 90:3 92:3
148:5 150:7,17	261:21 262:10	333:19,19 358:15	116:13 124:3	92:22 93:10,19,22
151:6,18 188:21	270:3 274:6	markets 220:21	139:2 153:9	95:18,20 96:12
189:5,11 219:20	305:10,12,21	marshal 82:13	155:21 169:3	98:22 100:8
228:15 229:18	338:12	330:8	172:20 173:20	102:15,20 105:7,8
230:15 241:13	majority 74:18	marshaled 329:2	184:9 193:12	105:9,9 107:2,18
242:2,11 245:1	205:16 208:18	Maryland 312:9	200:11,13,15	108:7,11 109:2
251:5 259:13	making 17:9 21:12	mass 5:22 131:9	209:5 215:17	111:12 112:2,4,10
260:15 264:8	39:5 73:12 76:21	132:16	216:12 217:13	112:11,21 113:12
266:5 269:11,16	119:11 120:7	match 82:6 338:19	227:15 274:2	114:15 118:8,17
280:7 288:1,5	166:13 173:22	matched 34:1	292:13 293:3,13	119:10 122:10,14
289:9,21 292:1	180:14,21 182:9	matches 21:16	299:20 308:12	128:19,20 131:3
294:6,10,16,19	182:12 199:17,18	material 322:4	320:14 321:14	131:15 132:14,21
295:2,6	199:20 221:14	353:20	324:2 357:21	134:16 138:21
lower 50:4 306:22	231:21 235:10	materials 82:6	359:21	140:17 141:21,22
309:7	282:9 283:18	103:5 320:15	meaning 8:20 40:2	142:3,4,6,12
lucky 83:4	302:9 306:17	328:21 353:8	284:12	144:7,12,21 145:3
	309:5 328:18			

			İ	I
145:7,13,18 149:7	267:10,21 268:17	19:19 20:4,10	349:20 350:2,7	medication 31:12
149:9,17 154:8	268:18 270:4,9,21	21:20 23:2,9 25:1	352:12,12,18	58:17 108:22
155:4,16 156:13	271:7,12,13 273:7	25:3,15,19 27:9	355:13 360:8,9,13	142:8 144:5
156:19 157:6,18	274:15 275:5	28:21 35:15 36:14	362:22	145:11,13
157:22 158:19	277:7,21 278:14	47:10,11 48:17,18	measuring 13:3	medications 272:20
159:20,22 160:15	278:17 279:4,16	55:12,16 57:2	100:8 178:19	<b>medicine</b> 2:16,18
161:2,19 165:19	280:5,7,9,11,18	83:22 84:2 86:1	214:8 239:21	3:9 8:9 22:16
166:9 167:19	280:19 281:9,21	86:16 87:9,9,10	243:12 246:3	76:7 164:11
169:4 171:7	282:2 284:7 285:8	87:11 88:8 92:20	261:16 277:1	165:14
172:11,13 174:5	291:14,15 292:4,6	93:9,21 99:8	290:21 292:10,11	Medicine-hosted
175:13 176:11	293:11,22 295:12	106:21 107:16,20	300:10	24:2
180:8 182:17	295:14,22 296:2,7	107:21,22,22	mechanism 177:3	meet 24:9 72:5 90:3
183:2,10 184:17	299:8,13 302:4,11	108:2 111:6,11,14	mechanisms 59:1	100:6 145:13
185:12 188:3,12	302:21 304:3	112:16 113:7,14	median 218:17	232:1 363:7
190:17 191:3	306:19 307:11	119:4 124:13	mediating 226:7	meeting 1:3 106:17
194:4,18,21	315:19,20 316:4,7	125:14,16 126:2	<b>Medicaid</b> 1:17 2:17	108:19 282:14
200:19 202:16,20	316:9,13,19	126:13,14 129:11	2:17 39:2 112:13	336:21 338:5
204:8 205:2	317:18 318:16,18	130:2 139:19	113:22 121:1	340:4 341:9 344:4
206:14 207:3	318:20 320:4,6,7	140:15 141:11,15	125:22 130:12	344:22
211:20 212:18	320:12 322:7,11	149:16 159:21	152:18 160:2,7	meetings 326:20
213:3,12,19	322:12,15 323:17	168:17 177:17,21	162:12,14 163:10	meets 101:16
214:10,15 215:7,8	324:7 327:5,7	183:15,19 197:10	163:18,18 164:2,3	350:22
215:15,21 216:1	329:20,21 330:6	209:17 212:17,19	165:9 169:17	Melnyk 2:13 333:7
217:20 220:20	330:10,13 336:5	214:9 216:7	172:4 193:22	333:7
221:11 223:3,6	336:16 340:10	220:13 223:4	220:14 221:3	member 4:7,14
224:3,9,11 226:12	342:7,8,21 349:10	230:22 231:3	309:22 310:3	11:11 12:6 14:4
230:1 231:22	351:6,11 352:1,1	233:13,16 237:3	312:9,14 347:20	15:3 16:4 17:21
232:5,11 233:7	352:6,13 355:11	237:19 238:1	Medicaid-covered	18:19 20:2 22:4
235:12 236:6,10	355:11 359:2,13	240:11 245:4	164:6	24:15 26:5 27:13
236:18,21 237:5	measure's 9:2	249:18 252:17	medical 1:12,16,18	29:19 38:4 43:19
237:12,13,17	160:14 168:11	253:3,21 254:21	2:20,21 3:1,2,4,5	45:5,15 48:2,4
238:18 239:1,4,6	measured 259:20	255:16 257:13,16	3:5 10:10 15:9,14	49:8 62:20 65:1
239:8 240:17	261:19	261:14 265:8	16:5,13 27:4	66:1 68:19 70:10
242:18,18,21	measurement 3:18	266:20 267:5	52:16 57:16	71:9 72:9 78:18
243:12,13,16	29:6 87:12 192:13	270:5 271:2,5,9	110:18 117:7	79:11,18 80:13
244:1 245:4,7,9	236:13 237:10	271:14,18 274:16	124:2 125:12	83:21 84:8 86:19
245:10 247:4	262:8 263:9	282:16,20,22	134:19 135:9	91:11,18 92:17
249:3 250:4	272:13 273:8	283:6,12 287:8	153:15 154:13	93:7 94:11 95:2
252:17,22 253:2	275:16 276:10	290:19 291:16	155:10 163:22	95:11 99:14,21
253:12 254:21	283:1	304:22 305:9,20	181:8,10 224:22	100:11 101:20
255:2,7,22,22	measurement's	306:3 314:17,19	238:9,11 302:1,4	111:22 114:13
256:9 257:3,13,14	289:2	317:7 318:9	302:8 312:6,22	116:5,12 117:12
257:17 258:4	measurements	326:21 329:13,15	349:2	117:16 119:17
259:17,20,21	273:4	335:19 336:7,8	Medicare 112:13	120:15 121:16,20
261:11 262:2,5,21	measures 5:10,11	337:18 339:10,10	125:21 126:11	127:3 128:5
263:3,8,12,21	6:8 8:4 10:18,21	340:22 341:1,13	180:11 309:13	129:18 131:5,13
264:1,4,10,15	11:20 12:4 14:1	344:14,20 349:7	338:16 356:15	131:18 132:16
	<u> </u>		ı	ı

135:11,22 136:7	312:18 313:4,8,10	mention 319:1,2,2	middle-aged 173:2	294:22 295:9
139:1,12 140:2,14	313:17,20 314:12	322:9 338:20	<b>Mike</b> 27:11 49:3	mission 206:20
143:3 145:1,5	314:22 319:17	mentioned 23:18	64:20 135:21	350:6
146:9 147:18	320:1,14 321:12	111:16 176:14	174:5 200:4 208:6	Missouri 57:21
148:10 149:5	324:9 327:18	319:3,5 339:5	232:8 241:3	mistake 53:19
150:10,20 151:9	329:10 332:12,14	merit 224:9,11	302:16 333:9	188:17
152:6,10 153:8,9	332:16,17,19,21	314:20	340:13 348:16	mistreating 298:13
154:2,11 155:21	333:1,3,6,7,9,12	meritorious 161:19	mild 115:16 297:4	misunderstanding
160:18,20 161:16	333:15,17,19,20	message 204:3	<b>milder</b> 297:4	250:9
164:17 167:22	333:22 334:2,3,5	met 1:8 71:13	miles 178:6,13	misuse 45:19 57:11
170:2 172:15	334:7 337:2,12	<b>method</b> 287:11	<b>MILLER</b> 2:17 71:9	58:9 59:14
174:6,20 177:10	338:1,22 342:19	methodologic	72:9 94:11 120:15	mixed 31:18
183:1,21 185:3,9	344:1 345:4,11,22	147:12	183:21 185:3	mixing 274:15
192:6,12 193:1,6	348:17 349:17	methodology 135:8	313:20 314:12,22	<b>Mobile</b> 197:3
194:3,8,13,15,19	352:16 354:1	135:12,17 214:18	332:14 354:1	<b>model</b> 23:14,15
194:20 195:4,18	356:9 357:10	214:19 221:7	<b>million</b> 32:12 69:2	177:12 213:10
199:12,16 200:1,3	358:15 361:2	222:20 250:19	<b>mind</b> 86:7,8 133:6	247:9 250:10
200:10 201:2	362:11	metric 130:16,20	181:1 208:10	251:9 286:2,12
203:1 204:16	members 119:16	184:4 212:21,22	231:11 253:13	287:3,14 315:12
206:16 208:8,16	224:20 326:5	347:14	283:14 350:11	315:14 319:10
211:3,11 212:3,5	361:20,21	metrics 130:21	mindfulness 52:5	modeled 157:17
214:17 216:13,19	mental 2:7 47:4	346:5,13 347:18	mine 245:19 284:6	<b>models</b> 53:6 345:14
216:20 217:4,6,8	107:14 108:8,16	348:9	mini 319:2	<b>moderate</b> 96:8,18
220:4,12,18	114:3 124:20	Mexico 32:11	<b>minimally</b> 301:7,9	97:9,19 98:15
221:22 225:10	125:11 129:20	<b>MIA</b> 2:11	minimum 72:6	102:16 103:22
226:15 227:11	132:1 143:8	<b>mic</b> 79:10 93:1	189:17	104:15 115:16
228:19 230:21	146:12 157:10,19	102:6 104:19	Minnesota 1:19	133:8 134:1,6
231:18 232:12	158:2,6,9,16,17	106:14 109:13	3:17 236:12	136:17 137:7,20
233:20 238:19	158:21 159:1,13	132:7 135:6,10	237:18 239:14	138:10 146:2
239:3 242:16	161:5,22 162:3,15	140:18 152:9	242:17 258:18	147:15 148:5
244:9 245:3	166:11 168:22	241:22 251:10	263:12 264:17	150:7,17 151:6,17
246:15 249:4,21	169:15,15 171:9	258:2,22 261:6	265:22 276:9	188:20 189:5,10
251:14,16 252:8	173:4 175:2,10,20	320:10 321:11	298:5 329:14	219:19 228:15
253:16 254:19	177:19 180:18	322:13 332:9	minus 256:20,21	229:17 230:14
255:12,13 257:7	181:14 182:1,13	333:5,11 334:9	<b>minute</b> 113:20	241:12 242:2,10
258:14 259:1,15	185:15 187:15	335:7 345:10	141:12 295:20	245:1 258:10
267:14 269:22	197:19 198:6,7	356:8 358:8	minutes 44:4 65:6	259:12 260:14
272:10 275:11,15	199:3 203:3,8	<b>Michael</b> 2:8 3:5	65:15 72:7 101:10	269:11,16 288:1,5
275:20 276:3,14	207:5,8,11,22	128:2 131:6	101:11,12 233:19	289:9,21 294:6,10
278:13 281:11,16	208:4 211:21	155:20 334:5	234:10	294:15,19 295:2,6
281:22 283:9	215:5 218:17	337:21 345:12	mirror 179:12	297:4
284:6,20 286:9,19	224:21 249:13	microphone 99:20	mirrored 73:16	modest 248:19
286:21 288:10	278:17 296:1	152:10 291:8	missiles 167:10	modification 7:22
290:16 291:4,21	297:2 299:2 302:3	295:15,21 314:11	missing 63:8 96:15	<b>modify</b> 41:9 55:6
292:18 302:18	310:5,6 312:7,14	<b>mid</b> 58:11	98:12 122:7	98:9
303:1 304:4 305:5	313:1 317:18	mid-1980's 245:14	148:22 154:20	moment 5:15 10:4
307:10,16 309:21	338:13 347:6	<b>middle</b> 285:3	241:20 244:19	90:14 286:1

moms 75:12	98:1,16 102:17	name 122:11 332:6	330:8 349:1 354:5	194:16
money 304:12	104:1,10,16 107:2	narrow 223:16	360:8	<b>nights</b> 74:12
339:17 341:15	113:9 133:19	narrowly 223:17	needed 9:1 35:6	nine 261:22 262:12
monitoring 57:18	134:2,7 136:11,19	<b>national</b> 1:1,9,13	39:13,17 118:22	272:21,22 275:14
57:20 263:19	137:9,15,22 138:6	13:20 22:16 23:19	204:6 309:2	275:16 277:2
month 181:19	145:20 146:4	24:2 28:8,17 66:4	311:22 326:6	318:11
237:9 239:12	147:6,16 148:6	66:6 87:8,15	357:22	nirvana 342:12
252:18 253:1	150:1,8,18 151:7	239:15	needing 226:1	nitty-gritty 45:16
261:10,10 262:17	151:18 156:20	nationally 23:12	needle 53:1 279:20	45:17
262:17 264:1	183:12 188:22	75:10	282:3 283:8	NLM 23:4
267:12,13 280:5,5	189:11 219:10,20	natural 27:18	needs 24:10 76:18	no-brainer 327:10
280:7,8 290:12,15	228:17 229:18	naturally 123:11	101:3 147:10	Nobody's 298:20
290:15 292:8	230:6,16 240:20	nature 58:5 175:7	205:3 359:15	300:1
293:19 297:11	242:3,11 245:2	<b>NCQA</b> 3:16,17	<b>negative</b> 33:14 37:5	noise 212:21 213:9
months 58:16 80:2	258:11 259:13	5:17 6:8 20:20	37:12 46:5 76:4	216:8
109:18 162:16	260:15 269:7,12	24:5 113:15,19	88:20	non 74:18 100:22
252:10,11 253:13	269:17 289:22	114:8 155:22	negatively 38:19	non-Hispanic
255:18,20 256:19	292:7 293:1 295:3	197:9 232:3	60:3	63:19
256:21 257:16	295:12 330:21	290:19 302:2,3	neighbor 229:2	non-user 72:18
262:1,2 266:2,3,4	343:16	341:12 342:9	neophyte 323:12	noon 141:15
266:4,9 267:8	moved 113:16	<b>nearly</b> 36:19	<b>net</b> 37:4,4,11,16	<b>normal</b> 94:13
271:8,8,12 272:14	156:19 233:8	335:21	network 103:3	115:2
272:17 275:1,3,21	279:20	necessarily 68:9	106:20 125:8	normally 114:17
277:8,16 281:3	movement 264:20	79:22 120:7	166:14 182:7	North 2:9
284:14 291:22	292:10	172:19 173:18,21	neuromolecular	Northeast 3:4,4
292:2,3,5,6 293:8	<b>moving</b> 10:6 87:17	176:19 280:16	64:18	<b>note</b> 6:9 19:7 27:17
293:12 316:1	132:20 188:13	349:4 352:3	Neuroscience 3:8	107:8 110:5
335:9	238:8 240:7 282:2	need 7:20 17:3,15	never 77:2 91:14	130:19 134:22
<b>mood</b> 246:8 298:17	283:8 345:14,17	23:21 24:10 27:18	133:6 153:18	265:7
299:4 308:6	<b>MPH</b> 1:12,16 2:11	30:14 31:5,7	183:13 255:2	<b>notes</b> 5:16 154:13
morbidity 67:12	3:7,19	34:22 38:7 41:9	304:8	286:8
morning 5:4,6 8:1	MSW 1:17	43:6 50:5 55:22	<b>new</b> 1:14 10:6,8,14	nothing's 210:3
32:5 107:12,15	multidimensional	61:12 70:5 72:5	10:18 23:20,22	<b>notice</b> 167:22
167:1 235:6	296:1 299:2	78:4,14 85:8,22	32:11 110:9	225:16
mortality 67:11	303:18 305:11,16	93:4 95:7,8	137:11 203:19	noticed 225:11
motivated 103:10	317:18 318:20	124:18 127:11	210:2 281:20	<b>notify</b> 181:10
<b>motivation</b> 47:18	322:6 327:21	133:4,15 153:1	282:14 318:3	204:21
122:20 161:18	328:2	155:8 164:1 173:5	331:12	noting 149:10
motivational 52:4	multiple 126:9	180:2,16 201:7,22	newly 262:22	340:22
65:13	303:3,9	202:21 206:8	nice 59:22 64:4	<b>notion</b> 330:15,19
Mount 3:9	musculoskeletal	207:20 221:6	168:14 204:9	360:6
mouth 235:7,9	55:15	229:4 233:22	282:2	<b>November</b> 6:17
move 8:3 11:7 37:7	myth 200:20	240:15 241:8	Nicholson 2:12	362:1
53:1 55:3 74:21	N	263:2 274:11	nicotine 42:14	nowadays 58:7
86:1 90:14 93:16 93:18 95:16 96:16	N 4:1 235:1,1,1	275:1 304:22 310:14 320:8	<b>NIDA</b> 34:20 66:6 106:16	<b>NQF</b> 3:11,19 4:7 4:14 9:9 13:18
96:20,22 97:10	<b>N.W</b> 1:9		night 30:9 120:18	17:15 22:11
70.20,22 97.10	nail 308:4	324:11,15 329:16	mgnt 50.9 120.18	11.13 44.11
		<u> </u>	<u> </u>	<u> </u>

	l <u> </u>			
105:15 107:21	observational	105:3,6,13 107:1	307:8 310:1	operationalize
112:5 147:10	226:20	109:12,13,13	327:16,17 330:21	350:12
156:3 233:20	<b>observed</b> 359:10,11	117:4,12,20	338:2 343:22	operationalizing
283:16 336:5	obviously 121:21	118:19 121:21,21	352:15 358:9	121:10
341:8 342:9 343:1	128:12 143:6,11	122:13 123:18,20	361:3,10 363:15	OPERATOR
343:5,5 344:4,20	143:15 144:11	127:1 131:5	<b>old</b> 167:7 348:7	234:2,6 361:3,7
345:5 361:2,21	177:18 257:8	133:20,22 134:5	353:13	opiates 49:16
362:11 363:14	352:4 359:6	136:7,13 137:3,16	<b>older</b> 237:2 261:21	<b>opinion</b> 232:10
<b>NQF's</b> 84:22	occur 49:18 109:5	137:19 138:9	<b>ONC</b> 13:19 29:3,13	opinions 238:22
NQF-endorsed	109:17 159:7	141:1,5 142:2	349:7	<b>opioid</b> 60:4,4 77:10
35:14	182:22	145:21 146:1	once 20:14 33:6,9	<b>opioids</b> 59:10
<b>number</b> 6:21 35:3	occurred 247:5	147:7,14,22 150:3	43:3 237:9 253:12	opportunities
45:2 46:14,15	occurs 197:20	150:5,14,16 151:3	347:18 349:9,15	264:10
49:11 50:10 60:1	256:13	151:5,11,14 152:1	one's 352:2	opportunity 12:21
62:2 110:9 122:8	<b>October</b> 1:6 6:17	153:4,8 156:15,17	ones 36:2 55:5 56:2	48:12 79:9 154:21
160:3 165:11	<b>office</b> 2:4,21 13:20	156:22 157:5	133:12 157:12	159:19 238:15
184:5 186:3,4	28:17 56:11 75:9	158:9 160:20	174:8 201:11	281:6 314:18
208:15,17 216:12	341:11,15	172:14 174:18,21	202:3 205:10,10	opposed 176:3
234:4 251:18	<b>Officer</b> 2:14 3:12	188:15,19 189:1,4	261:10 281:7	177:3 217:1
265:8,10 279:4	oftentimes 173:10	189:9 190:2	298:1,5 301:6	252:12 307:17
282:6,18,20,22	326:19	191:18 196:21	<b>ongoing</b> 16:1 23:11	345:7 352:3
300:1 306:20	<b>oh</b> 11:10 20:1 22:3	197:14 199:4	263:3 265:13	opposition 332:1
307:3 330:2,5	79:2 83:20 88:18	201:12,12,19	331:19	<b>option</b> 90:8 285:14
359:1 360:5 361:5	92:10 127:6 136:7	211:7 212:15	<b>online</b> 307:2,4,4	optional 362:19
<b>numbers</b> 213:10	141:5 152:3,10	214:10 218:21	open 10:10 39:4	options 96:8
297:6 310:3 318:7	161:16 185:14	219:12 224:4	96:7 97:6,16 98:6	268:20 293:21
numerator 108:16	203:15,17 233:21	228:3,9,14 229:8	102:10 103:19	<b>Optum</b> 2:21
108:19 109:14	266:22 307:8	229:16 230:7,15	104:12 105:4	oranges 46:17
119:18 134:18	333:22 337:20	233:2,5,13 234:2	133:1,20 134:3	<b>order</b> 26:18,18,20
145:14 155:5	354:5,13 356:9	236:5,8,13,15,18	136:14 137:4,17	30:21 31:7 179:5
170:9,18 171:6	<b>Ohio</b> 2:7,16 3:4,4	240:19,20,22	138:7 141:2	205:21 255:15
191:22 193:7,8	okay 5:14 7:10 8:13	241:6,11,17 242:1	145:22 147:8,22	organization 18:1
197:14 220:6	14:15 15:1 19:22	242:9 244:15	150:4,15 151:3,15	22:11 27:2 100:14
239:11 282:5	20:1 22:2 24:4	251:15 252:8	152:2,5 156:16	213:6 301:16
323:1	30:3 39:11 43:15	258:4,4,9,12	166:21 188:16,16	organization's
nurse 101:15	43:18 45:14 48:3	259:6,8,11 260:9	189:2,22 219:13	276:8
116:21 117:11	49:8 57:9 64:19	260:10,13,21	228:10 229:9	organizations
135:1	65:22 70:9 78:21	261:2,7 268:2,6	230:8 233:2,22	164:12 203:21
<b>nurses</b> 111:1	80:13 91:8 92:10	268:10 269:5,9,15	241:1,18 242:7	214:7
<b>nursing</b> 2:4,15 3:1	92:16 94:8,8,9	269:19 271:20	244:17 258:6	<b>oriented</b> 346:5,10
263:10	95:1,11,15,16,22	284:4 287:17,20	259:9 260:11,17	original 107:9
	96:6,17,21 97:4,5	287:22 289:5,6,8	260:22 269:3,7,13	109:2 111:12
0	97:8,15,18 98:5	289:18,20 290:3,5	287:20 288:3	118:8
O 235:1,1,1	98:10,13,13 102:7	290:7 293:17,20	289:7,19 290:5	originally 239:7
<b>OB/GYN</b> 75:9	102:9,19 103:13	294:2,5,9,14,18	293:21 294:4,8,17	313:12
obese 132:4	103:16,18,21	295:1,5,10 296:5	295:4,8	ought 41:4 152:15
obesity-related	104:6,9,11,14	298:11,21 302:16	<b>opened</b> 134:10	270:11 315:10
131:17				
			•	•

	İ	1	İ	1
327:11	138:13,17 139:21	parallel 226:18	partnering 210:6	59:13 60:14 61:3
outcome 87:9,10	140:21 141:6	266:20	partnership 341:16	62:13 63:4 65:10
222:10 237:3,12	148:21 151:19	paralleling 73:2	parts 178:4,9	73:9 74:10 75:4,8
249:18 253:3,22	156:18 188:2	<b>Pardon</b> 286:20	pass 12:9 96:12	76:2 77:21 79:19
254:20 255:2	227:20 230:17,20	parenting 200:7	138:12 349:10	90:11 124:17
261:14,18 263:16	233:3,6 240:9	part 15:1,12 42:4	passed 5:18 329:16	129:13 145:14
266:5 267:5	260:16 261:3	46:11 61:17 68:11	337:18 343:14	148:14,15 149:3
268:18,22 271:5,6	264:20 279:13	72:8,19,20 75:15	<b>passes</b> 343:9	153:11 164:6,7
274:15 277:21	290:1,6,8 295:8	76:8 85:12 88:9	passing 141:7	175:1 176:2
278:16 287:6	295:10 304:9	101:21 106:10,19	349:9	181:11 185:17
292:8 293:11,22	overarching 7:7	135:16 149:17	passionately 130:1	187:1 199:18
299:11 318:18	overdose 77:6	161:11 166:8	<b>path</b> 18:16 127:19	201:4,6 202:18
322:11 329:15,21	Overeaters 131:20	184:14 193:14	pathway 8:18	204:11 205:8,16
330:10,14 348:5	overlap 38:13	204:20 209:20	18:22 35:5 58:8	206:9,10 207:6,11
360:7	308:13	220:22 221:13	115:3 118:18	231:21 237:1,2,6
outcomes 1:14	oversee 331:18	223:10 237:18	307:12	237:21 247:1,21
32:20 36:12 41:22	overwhelming	239:7 244:2 246:8	pathways 32:11	247:22 249:2,16
41:22 83:12	306:16	251:9 278:9 287:2	patient 26:10,20	250:17 254:21
115:15 143:17	owner 252:3	305:6 325:2 328:2	27:20 33:11 50:15	261:20 262:22
251:7 282:3	owns 153:20	338:9 350:5	52:7,8,19 57:14	263:4,10 264:12
307:14 309:6		351:16	64:10 68:12 70:13	264:19 265:11,14
315:6,11 316:9,15	P	<b>partial</b> 193:10	70:14 76:4 79:12	265:18 266:8,10
316:21 317:1,5	P-R-O-C-E-E-D	PARTICIPANT	80:4 120:2 163:21	267:6 271:5 273:4
328:20 329:5	5:1	19:14 78:22 143:1	165:10 186:8,13	274:18 276:4,15
330:18	<b>p.m</b> 234:13,14	158:11 241:5	187:8,17,19	280:14,22 281:7
outlier 218:3	235:2 363:18	268:14 275:18	200:13,17 202:9	282:6 293:4
outpatient 122:17	<b>package</b> 54:12,13	participants	247:18 250:14	298:14 299:17
149:9 152:17	261:9	288:12	253:4,8,15 256:16	301:4,4,9 304:6
153:6,7,10 157:16	page 231:19 286:11	participate 348:20	256:17,22 261:16	306:22 307:14
158:10 162:18	317:15	particular 6:15	261:17,17 262:7,9	308:21 309:18
170:19,20 186:18	paid 102:2 123:3	14:7 15:14 54:21	262:16 263:4,15	312:10,14 315:21
191:9,11 193:9,9	154:16 156:9	84:6 124:19 170:6	263:20 265:18	356:22
193:10 195:14,22	168:6 187:21	190:5,6 215:13	274:5 276:22	<b>Pating</b> 2:18 38:4
196:7,8 203:11	193:21 194:5	219:11 247:11	278:2 280:10	68:19 78:18 139:1
221:1 300:6	209:4 351:13	255:7 262:18	308:18 309:3	139:12 140:2
<b>outside</b> 76:9 130:12	pain 59:11 74:9,11	308:17 315:19	346:9 352:19	177:10 183:1
165:2	painful 157:4	317:17 318:17	patient's 79:4	200:1 212:5
outweigh 90:11	pains 207:15	340:5 351:9	187:19 200:15	221:22 238:19
over-emphasize	paired 93:9 236:21	353:11	248:22 250:11	239:3 242:16
83:14	260:1	particularly 45:21	253:9 278:8	244:9 245:3
over-hospitalized	panel 109:10	67:12 88:13	patient-centered	246:15 249:4,21
176:14	118:21 119:10	125:19 157:4	302:1,4,8	255:13 258:14
over-reliance 310:4	132:8 142:16	178:3 179:3	patient-reported	259:1,15 291:21
over-specify 53:18	148:18 160:13	227:14 254:5	87:10 318:17	324:9 332:17,17
over-supply 314:2	351:2	341:2 352:8	360:7	344:1
overall 63:2,6	panels 119:16	parties 338:7	patients 30:8 32:3	patterns 160:4
104:17 105:6	panic 301:19	partly 167:15	42:2 43:7 48:14	223:5
	paper 120:5 324:17			

pause 98:11 102:14	113:21 114:3,16	percent 38:17	263:9 275:6	Pharmacy 2:19
230:12 241:10	113.21 114.3,10	47:14,15,16 60:13	279:18 318:11	phase 1:3 246:5
352:8	119:1,8 124:20	62:1 64:5 69:9	362:1,11	267:4 336:14,14
pay 20:6 28:2,3,4,6	125:3 126:18	74:7 75:10,12,16	periodically 339:6	359:5
63:17 86:16 121:2	128:13,16 130:5	122:3 143:10,10		
	131:8 132:4,12	· · · · · · · · · · · · · · · · · · ·	permanent 263:10 Permanente 2:18	phases 152:12
153:10 156:2 169:22 183:10	*	143:15 146:12,17		<b>PhD</b> 1:17,20 2:6,10 2:13
	135:13 140:7,13	175:5 185:15,16	perseverate 209:22	· -
301:20 337:15 343:12 349:21	140:15 142:17	186:22 207:10,14	<b>persistent</b> 310:6 347:6	phenomena 17:3
	145:9,10 146:12	217:10 218:18,19 218:19 230:19		phenomenon 169:9
paying 28:9 121:13	157:7,13 158:5,7		person 59:10 96:15	<b>phone</b> 30:9 96:2
126:8 180:19,21	159:3,12,20 161:18 164:10	237:21 238:4,13	112:18 127:18	116:19 250:1 327:8
181:3,5 182:5,16 338:16		238:13 239:15,18	136:5,6 148:3	
	167:16 169:5,10	244:6,7 248:12,12	173:14 178:7	<b>PHQ</b> 273:7 297:13
payment 187:16	169:15 171:10	248:18,18 264:22	192:14 194:16,22	299:20,21,22
351:18 352:4 Payne 248:6	173:6,17 176:14	265:1,3 266:3,4	195:5 204:5 254:6	<b>PHQ-9</b> 235:12
•	178:10 179:1,6	266:10,11 267:7	272:18 293:8	236:10,20,22
<b>payor</b> 63:11 232:19 286:19,21	180:4,15,22 181:14,15 185:6	280:8,21 281:3,4 288:20 297:7,16	321:13 358:11,11 person's 195:14	237:8,15,16 239:5 239:12 243:11
•		,	-	
payors 62:10 102:3	190:18,20,21 191:4,5 192:10,19	298:2 301:8	personality 245:11 263:11	244:5 245:17
126:12 287:2	, ,	308:21 343:15		246:3 247:1,13,15
pays 121:5 125:12	193:15 196:4,8,20	percentage 59:13	personally 113:12	247:18 248:10,10
PCMHs 310:18	197:15 201:13,21	61:8,13 75:8	persons 246:6 249:5	249:12,16 251:18
311:19 323:3	202:2 203:7,13	207:8 315:21		252:1,10,19 253:6
<b>PCPI</b> 3:16 20:20	205:9 208:2	percentages 251:6	perspective 39:16	254:3 255:3,5,9
56:3	209:18 219:2	percentile 217:9,11	49:9 70:13 86:21	255:19,20 256:3,5
PDMPs 57:19	221:5 222:3	217:16	87:15 116:14	256:10,14 257:9
pediatric 5:21	230:22 239:22	perception 75:22	120:4 123:5	257:10,21 258:16
149:6 316:19	240:3,8 248:16	279:1	175:17 177:6	261:19,22 262:11
Pediatrics 2:15	257:19 258:15,17	perfect 38:5 87:20	351:9	262:20 263:1,5,15
peer 54:7 119:1	270:12,13,15,20	231:12	perspectives	264:11 266:2,9,12
136:1	279:8 280:18	perfectly 128:12	352:21	267:8 272:13,16
peer-lead 119:1	281:2,12 283:20	<b>perform</b> 168:11	pertinent 170:4	272:20 273:11,19
peers 136:2	288:19 289:3	211:19	<b>PES</b> 186:9,10	274:8,12,14,19
peg 21:6	290:13 297:2,7,9	performance 35:22	Peter 1:10,12 35:16	275:9 277:6,11,22
penalized 202:17	297:17 298:5,8	37:17 62:5 97:3	64:20 71:22 81:19	278:3,4,9 280:14
penalties 348:1	304:19 305:21	112:1 146:7	83:22 96:22	297:11 298:4,11
penetration 15:6	308:5 310:5,21	183:11 214:21	139:18 235:4	305:10 308:2
15:13	312:13 315:8	215:8 217:19	285:20 300:21	310:4 319:16
<b>people</b> 7:15 19:19	327:16 328:13	218:11,12,14	315:1 330:12	<b>PHQ-9s</b> 258:19
25:21 31:21 32:12	334:11 336:18	264:9 281:8	338:2 353:1	271:4
32:22 40:1 47:17	340:3 342:6 346:9	282:16 283:6	354:16 360:17	PHQs 283:22
49:6 50:5,9 55:3	346:22 347:4,6,19	343:12 349:22	Peter's 107:2	physician 2:20 30:7
60:1 61:8,14 69:2	348:8 355:3,12	360:9	PH 262:3	78:3 101:13,17
77:5 78:12 84:1	356:18 357:15	period 53:14 65:21	<b>Pharm.D</b> 2:19	115:5 214:22
91:16 93:17	358:19,21 359:14	201:17 202:13	pharmacotherapy	215:11,13
107:14 108:5,8,15	people's 40:19	237:7,10 239:12	44:10,13 143:22	physicians 164:11
110:6,10 113:21	83:12 346:12	252:18 253:1	144:8 145:3	317:20

	ĺ		I	I
pick 8:5 15:21	97:4 98:8,21 99:3	342:19	232:14,20 254:15	<b>plenty</b> 143:6 345:9
27:16 69:15 107:6	99:13,19 102:7	pipeline 340:17	343:18 350:1	<b>plural</b> 221:13
130:20 213:1	103:13,16 104:6,9	Pittsburgh 297:19	plan's 169:21 182:5	plurality 208:18
215:16 217:1	104:22 105:3,13	<b>Pitzen</b> 3:17 236:7	194:6	<b>plus</b> 69:13 190:9
224:15,16 233:15	106:15 218:2	236:11,12,15,18	<b>planes</b> 7:16 93:17	256:19,21
302:11 324:21	235:3 236:5,8,14	243:18 246:20	233:12	<b>POEMs</b> 346:9
331:5 351:11	236:17 238:16	249:9 250:8	planning 7:13	<b>point</b> 10:13 14:1
352:5 353:10	240:16,19 241:3,6	251:22 252:14	238:1	16:11 19:11 21:2
<b>picked</b> 302:11	241:16 242:5,13	254:17,20 256:4	<b>plans</b> 108:14 110:4	22:5 25:7 44:15
picking 302:13	243:16 244:12,15	257:5 261:13	112:12,14,18	45:5 57:12 63:13
331:9	246:13 251:11,15	265:4 266:22	114:1 120:1,11	73:19 83:21 84:22
<b>picks</b> 69:8	257:2,6,11 258:3	267:3 270:22	121:6 125:14,19	87:16 155:22
<b>picture</b> 324:22	258:12 259:3,6	274:1 275:13	125:20 128:20	167:6 191:10
<b>piece</b> 10:2 28:4	260:6,9,18,21	277:13 279:22	129:19 135:20	193:5 229:15
41:12,13 42:7,10	261:7 265:2	280:3 281:14,18	148:13 153:10	255:10 262:8
44:21 51:9 53:7	266:17 267:1,9,18	282:4 285:10	154:1 156:2,5	272:21 284:18
55:7 59:21 62:18	268:6 269:19	286:4,13,20,22	166:2 176:21	289:1 300:20
88:19 356:5	270:6 271:20	<b>place</b> 12:10 27:8	181:9 185:1,20	301:15 316:11
pieces 61:20 75:3	273:16 276:2,7	28:8 29:20 30:2	202:17 208:3	335:10
126:9 182:5	278:11 279:21	155:7 170:22	209:4 210:9 213:2	pointing 339:9
Pierson 287:4	280:2 282:10	182:16 184:3	213:22 220:14	points 140:17
<b>pig</b> 105:15	284:4,18 285:7,20	192:20 199:13	221:10,15 224:18	219:3 257:1
piggyback 128:8	287:15 288:7,13	218:13 265:21	224:19 225:13	261:16 323:7
<b>pilot</b> 59:7,9	288:22 289:12	272:3	309:22 338:11	355:9
piloted 64:3	290:3,10 291:1	places 58:2 64:3,4	348:1	<b>policy</b> 1:17 2:2
piloting 64:3	292:16 293:13	110:22 128:11,17	<b>play</b> 12:20 29:7	28:21 335:13
<b>Pincus</b> 1:10,14 8:6	295:13,16 302:16	218:6	272:12 339:14	<b>Poonam</b> 3:12 5:12
8:13 11:10 13:11	302:20 303:22	<b>plagued</b> 49:22 54:1	<b>player</b> 338:12	<b>Poonam's</b> 358:10
14:17,22 17:13	305:4 306:4 307:7	<b>plan</b> 2:20 43:13	players 342:9	<b>poor</b> 143:16 281:8
18:18 19:10,22	309:20 313:9,19	49:14 93:8 109:20	<b>plays</b> 65:16	<b>poorly</b> 312:7
20:9 21:19 22:2	315:1 317:9	109:21 111:1,2	<b>please</b> 102:13	<b>pop</b> 71:1
26:4 27:11 29:11	318:14,21 319:4	113:8 114:16,21	127:1 129:17	population 38:18
30:3 35:16 38:3	319:15 320:11	116:16,19 117:5,9	131:4 132:21	38:22 39:1,2 46:8
39:7 40:18 42:3	323:9,14 328:11	122:10,14 125:6,6	133:5 136:12	46:15,16 47:13
43:11,15 45:1,13	329:8 330:2,5	126:7,8 127:10	137:15 141:12,22	53:13 60:21 63:7
47:1 48:3 49:2	336:11 337:1,10	129:6 130:8	145:20 147:21	67:8 75:7,17
51:16 54:17 57:4	337:20 338:20	134:21 135:9,16	148:3 151:2,22	76:22 77:3,18
57:9 60:6,10 61:7	340:12 342:18	153:22 154:6,17	152:8 174:18	78:8 79:1 108:14
61:13,17 62:3	343:22 345:1,3,21	155:2,6 160:9	211:1 225:9 228:8	109:9 110:10
64:13,19 65:22	348:16 349:16	163:9 165:19,21	228:13 229:7,14	111:8,10,15
68:18 70:9 71:5	352:11,15 353:1	166:10 167:19	229:15 230:6	114:19 115:16,18
71:20 74:21 78:14	353:22 356:7	175:16 180:14	232:11 233:1	115:20 118:15
78:20 80:10 81:18	357:9 358:14,17	181:2,18 191:18	234:1,3 243:17	123:11 124:20
83:19 87:22 90:17	359:21 363:15	193:22 194:4,5	244:21 265:7	143:9 144:4 145:7
91:3,7 92:6,10,15	Pindolia 2:19	198:8 205:3 213:2	280:2 294:13,22	145:8,9 146:16
93:14 94:6,8 95:1	225:10 313:10	213:21 221:12	295:9 331:22	149:2,6 152:14,18
95:15 96:13,21	327:18 333:3,3	225:3,18,22 226:7	342:2 356:8 361:4	157:12 203:5
L		•	1	1

207:7 237:13	327:1	89:9 146:11 149:1	155:10 156:5	26:1 27:15 48:1
239:18 247:19	potentially 173:3	166:17 218:13	158:6,11,13 159:6	48:19 60:14 76:8
248:16 251:6	338:8 350:9	219:5 224:1 238:6	161:4 177:15	77:11 119:20,21
257:22 265:14,18	<b>Potter</b> 3:18 341:6,7	303:14 315:5	181:4,7 182:1,12	121:22 126:20
276:22 277:12	pounding 21:5	328:22 341:14	197:13,16,21	157:9,10 163:17
310:19 315:21	practical 49:9	presenting 207:6	198:2,15,15 203:3	164:7,8 168:18,18
318:10 355:18,18	292:13 300:3,4	214:13 238:1	203:14 263:13	175:1 184:11
355:19,21	<b>practice</b> 1:20 53:21	<b>President</b> 2:9,10,14	264:16 285:13	187:20 188:1
population-based	58:7 103:4 122:17	presiding 1:10	296:22 297:1	198:1 224:7 289:2
278:16	122:18 280:20	press 234:3 361:4	298:18 299:4,16	313:1 355:14
populations 48:13	304:7 308:22	presumably 103:10	300:6 303:9 305:2	problematic
54:2,3,6 62:22	practices 249:11	presume 17:22	306:17 307:22	123:15 162:20
66:15,17,21,22	255:4 298:19	pretty 16:16,20	309:11 339:15	211:12
70:1 71:19 273:14	299:4,16 300:10	51:1 55:16 86:22	356:12	problems 25:16
357:6	305:2,3 307:22	146:14 162:3	<b>prime</b> 84:20 244:5	159:14 169:2
portfolio 331:18	309:11 323:3	196:12 215:22	<b>PRIME-MD</b> 239:8	187:4 191:12
339:13	practicing 296:12	216:1,5 270:5	245:13 247:15	278:6 297:3 301:5
<b>portion</b> 101:13,14	practitioner 103:3	298:10 299:12	Principal 2:5	312:8
273:10 313:16	103:9 158:22	303:5,11 311:2	principle 21:21	proceed 290:9
position 77:15	practitioners 293:1	330:13 362:14	57:5	360:12
324:6	<b>pre</b> 324:16	prevalence 46:10	<b>print</b> 353:20	process 20:15 23:5
<b>positive</b> 33:8 37:4	pre/post 318:8	47:14 60:9,11	printed 82:6	28:6 40:22 41:7
41:15 46:6,12	precipitating	63:6 67:14 80:16	<b>prior</b> 34:14 314:15	79:19 86:9 105:15
48:14 59:14 61:14	198:12	110:2 143:14	318:12	121:13 139:2
64:5 73:8,13 76:5	<b>precise</b> 9:14 12:13	prevalent 307:22	priorities 359:17	140:4 236:21
82:12 95:3,6	precision 14:14	preventable 62:15	prioritize 142:19	250:7 269:1
100:20 108:7	pregnant 66:19	preventing 79:3	<b>priority</b> 97:11,14	271:16 274:15
110:13 123:13,21	67:8,9,13 70:1	<b>Prevention</b> 1:13,20	97:19 134:3,6	277:22 278:5
129:20 297:17	75:4	1:21,22	147:17,19 148:1,4	282:13 283:1
298:1,14 310:11	preliminary 160:21	preventive 36:13	181:15 189:7,10	293:18 299:8,11
positives 53:11	prescribed 58:17	71:2 300:14	242:4,6,10 268:1	299:13 314:2
63:5 93:6	58:19 59:10	328:17	269:12,16 294:7	315:20 316:4,7,8
possibility 68:21	165:10	previous 124:9	294:10 359:20	320:4 322:11,15
possible 62:21	prescribing 31:11	157:11 242:18	<b>private</b> 47:7,15	324:13 326:14
126:21 166:6	42:14 60:4	320:12 355:16	63:17 342:16	329:14,20 330:10
170:21 204:12	prescription 30:20	previously 167:6	proactive 181:21	330:12,17 331:12
225:9 291:18	34:13 45:19 50:13	<b>prework</b> 329:11	182:3 226:5	344:3,15 350:15
possibly 326:4	50:16,22 57:12,17	primarily 122:18	probable 62:21	353:4,15,18
327:5	57:20 58:4,13,18	160:7	probably 39:22	354:15,19,21
<b>post</b> 326:17	63:1 77:9	<b>primary</b> 31:2 43:5	49:9 55:22 63:4	355:4 357:16
post-comment 6:16	prescriptions 58:2	49:13 52:14,15	71:11 84:8 140:22	358:4 360:4,12
post-discharge	59:15	64:7 69:3 70:16	203:10 210:12	362:18
226:16 227:4,8	<b>present</b> 1:11 3:14	79:13 80:16 82:15	216:22 231:2	processes 83:11
<b>posted</b> 361:22	3:22 149:1 161:3	115:1,5,8 116:17	248:5 274:14	265:20 293:7
postpartum 297:21	169:16 229:12	116:21 118:2	279:19 284:12	processing 19:6
potential 92:4	328:9	122:17 124:12	311:20 323:12	27:18 271:15
231:14 307:18	presented 9:19	125:2 129:8	problem 25:22	produce 154:7

	I			
155:3,6 348:4	proudly 339:9	257:8 296:12	276:11	38:8 40:13 43:4
produces 348:3	proven 353:4	psychiatrists 297:8	<b>purposes</b> 7:13 9:5	48:5,6 55:9 58:7
<b>product</b> 250:12	provide 16:21	psychiatry 1:19	98:10	58:20 59:1 60:7
287:1	127:20 155:11,12	2:10,16 3:8	<b>push</b> 10:5 17:8 20:5	65:2 69:10,20
professional 18:1	161:20 270:17	263:14 264:16	27:6 29:6 75:11	70:12 71:11 72:8
82:16	310:21	345:18	112:20 121:9	72:12,12 73:8
<b>Professor</b> 2:1,15,15	provided 100:6	psychologists 297:9	188:8	75:3,6 77:9 80:11
3:7	113:19 154:5,6	psychology 345:18	push-button 34:16	85:3 89:17 92:14
profiling 66:22	164:4 221:2 286:6	psychometric	pushback 89:10	92:16,18 94:12
<b>profit</b> 209:19	<b>Providence</b> 3:3	263:16	<b>pushed</b> 34:20	95:3 108:18,21
<b>program</b> 2:9 17:5	provider 50:3	psychosocial 5:21	<b>pushing</b> 11:5 15:17	116:6,13 118:5
57:18,20 125:22	53:10 56:14 70:17	67:20 153:15	113:6 177:2 305:1	120:22 121:16
130:9 170:15	79:13,14,14 80:9	210:8	<b>put</b> 14:2 28:8 34:19	123:7,19 124:9,10
184:19 194:14	100:14 108:10	psychotherapies	87:18 100:22	130:6 131:7,12
237:20 264:4	109:6,20 117:1,17	221:2	126:6 136:18	139:1 170:4 171:5
304:17,18	142:6 161:9,10	psychotherapy	142:19 176:15	171:19 172:16
programs 2:19	174:12 182:12,14	123:10	187:14,18 199:2	174:7,21 176:4,6
193:20 312:4	185:22 205:16	psychotic 178:11	207:20 208:4	181:1 183:22
352:10	221:13 263:4	psychotropics	239:3 271:2 272:2	184:8 186:11
progress 127:16	272:3 276:8	356:15	292:5 335:18	187:16 192:4
130:18 134:22	351:13	<b>PTSD</b> 297:5 299:6	347:14 363:12	194:9 201:2 207:1
263:20 292:5	providers 16:13	<b>public</b> 4:7,14 6:13	<b>puts</b> 77:15 143:11	221:8 225:10
progression 11:5	50:6 53:15 60:20	35:21 37:5 39:1	343:17	243:17 249:10,20
<b>project</b> 3:12,13	86:16 124:13	63:17 66:10 68:3	putting 17:20	252:9,14,16 254:2
18:13 285:15	125:8 135:14	148:18 156:9	18:11 62:6 89:16	255:14 257:7
projected 41:6	181:5 182:7	160:13 183:10	92:3 185:3 198:2	270:11 272:12
projects 84:16	185:20 193:13,21	185:13 186:1	199:13 345:18	279:1 284:20
197:8	221:3 226:1	225:12 233:20,22		292:1,15 296:21
<b>promote</b> 236:22	231:20 232:6	234:7 259:19	Q	299:22 305:6
237:16 281:20	273:20 284:22	285:11 342:16	qualified 103:2	313:11,22 314:1
promotes 263:3	285:14 297:1	360:20,22 361:2,7	qualifying 195:13	329:18 338:3
<b>Promotion</b> 1:13	306:17 309:19	361:21	quality 1:1,9,14 3:3	question's 313:15
2:14	317:21 343:18	publicly 271:3	3:19 23:15 27:8	<b>questions</b> 7:7 9:21
properties 263:17	<b>provides</b> 206:20,21	<b>pull</b> 17:9 57:20,22	28:20 29:5 47:3	15:2 17:14 31:1,1
proportion 158:5	providing 124:5	63:21 77:18	56:19 66:5 83:9	37:3 39:4 45:15
159:12	proviso 300:7	120:19 211:15	113:6,10 179:5	49:4 61:5 68:22
proposal 268:7	proximal 330:14	214:3 271:11	183:17 200:19	71:6 73:10 74:3
proposals 351:1	<b>proxy</b> 250:12	362:16	226:14 240:10	74:14,16 76:17
propose 7:21	<b>psych</b> 186:8 187:1	<b>pulled</b> 14:10	259:18,22 284:13	77:4 78:16 83:15
<b>proposed</b> 8:2 35:19	356:17	pulling 70:1	302:10 349:7	83:16 84:12 94:9
305:8,17	psych-related	punishment 348:3	350:4 352:19	102:20 103:8
proposing 330:7	207:16	348:4	357:2	145:17 170:3
prospective 182:4	psychiatric 51:22	purchasers 351:9	<b>quarter</b> 194:11	174:16 175:18
protect 231:8	163:4 186:5	<b>pure</b> 131:9	queasy 350:6	177:9 188:5
protection 177:5	190:12,13 207:17	<b>purpose</b> 24:8,9	<b>question</b> 11:9 14:3	189:15,17,19,20
<b>protocol</b> 54:21,22	226:17	253:1 348:14	15:4,11,16 17:1	190:15 197:1
protocols 51:5	psychiatrist 2:17	purposefully	22:12 29:5 31:22	214:14 220:5
			34:4 37:18 38:2,8	

	_	_		
245:7 251:17	ran 205:14	342:12	62:8,17 63:16	355:4,5,7 356:21
258:4 259:4	random 216:21	reaching 124:8	66:21 68:3,22	359:22 360:18
260:19 266:15	randomized 227:2	257:22	69:11,17,21 73:11	361:12 363:6
278:11 287:16	randomly 331:21	react 325:21	77:16,22 78:2	<b>realm</b> 338:9
293:17 299:7	range 63:18 174:8	reaction 127:4	80:18 84:20 86:5	rear 179:11
304:2 308:8 314:2	218:15 238:12	read 46:21 119:17	87:5 88:18 89:12	rearview 179:15
quick 9:6,8 15:4	297:6	130:14 217:8	101:2 105:22	reason 47:12 58:18
94:12 139:6,7	ranges 214:12	332:6,7 353:7	106:2 115:18	127:18 159:10
179:4 183:21	216:16 217:9	reading 46:3	116:9 120:19	182:2 223:10
322:2	218:18	353:12	121:11 123:3	225:19 253:17
quicker 183:22	Raquel 2:11 64:21	readmission	124:1 126:2,11,18	reasonable 63:4
quickly 28:15	80:10 99:4 144:22	173:10 279:10	127:17 130:6	119:12 132:11
65:19 126:22	170:1 202:22	readmissions	131:17 152:15	182:10,15 198:8
129:16 198:1	204:17 209:8	180:13 227:5	153:3,17 157:6	reasonably 317:7
202:1 206:13	211:1 220:10	readmit 346:22	161:2 167:20	326:7
211:9 220:13	305:4 333:17	347:1	169:8 170:17	reasons 11:12
225:8 232:11	337:21 356:7	readmitted 185:7	172:5 173:7,14	161:21 168:13
273:10 329:11	357:9	202:12	174:22 177:2	303:4 311:8 348:9
346:2 361:12	Raquel's 120:22	ready 10:14 16:7	178:21 179:19	recalcitrant 119:22
quite 11:14 17:9	314:1	83:20 84:11 85:6	183:17 184:9,13	recall 103:12
30:8 61:20 77:12	rarely 215:4	85:7 96:5 102:8	188:8 190:19	140:10 315:4
78:1 84:21 90:1	rate 40:1 110:13	140:22 224:3	192:18 196:19	<b>Recap</b> 4:3 5:3
152:22 156:10	169:19 187:10	258:5 259:7 268:2	198:12 204:9,20	receive 33:13
243:6 250:5	205:22 211:20	287:17	205:18 206:13	119:18 123:11
252:16 273:13	217:19 271:7	real 80:4 83:3	207:21 208:22	<b>received</b> 6:19 106:6
274:6 278:21	280:12 313:3	89:16 123:4	209:15 211:8	receives 204:3
314:8	rates 46:7 63:5	154:21 180:2	212:5 213:3,5,21	receiving 58:2
<b>quiz</b> 71:1	64:5 85:16 148:22	232:16 339:14	215:15 216:3,12	278:2 301:5,7
quote 229:1 287:4	157:22 158:4	343:17 350:6	216:17 221:17	recipients 165:9
319:21	159:2,9 161:2	real-time 89:17	225:21,22 228:3	recognition 93:19
quote-unquote	173:10 218:14	realistic 74:4 180:3	231:10,13 232:4,4	302:3
154:13	222:5,15 237:21	311:14	232:21,21 235:5	recognize 10:12
<b>quoted</b> 167:8,9	238:8 255:6 266:1	reality 52:1,22	240:12 252:9	18:9 315:10
	266:5 279:7,10,15	64:16 73:5 77:8	253:2 255:22	recommend 91:2
<u>R</u>	279:16 280:4	78:7 88:5 105:18	257:17 272:11	245:21 325:15
<b>R</b> 235:1	287:6 288:20	<b>really</b> 6:13 10:6,16	277:9 278:5,15	326:1,15 337:4
race 146:22	rating 351:21	13:16 14:14 16:22	282:17 283:14	recommendation
raise 103:7 147:4	352:14	17:16,17,18,19	290:20 299:12	66:12,14 119:15
219:6	rationale 268:21	18:11,21 19:1	304:8,15 311:4	156:20
raised 15:11	310:9	20:4,8 21:5,17	316:3 319:19	recommendations
137:12 140:1	rationalize 69:7	24:4 27:14 28:12	320:3 324:11,14	6:3 8:20 106:4
144:14 197:1	re-examined 85:12	29:4,9,12 30:17	325:7 328:21	335:12 336:16
199:10 219:7	re-finding 44:8	32:10,20 38:7,15	329:11 337:15	337:6 359:2 360:3
224:14 226:10	re-reading 357:19	38:18 43:20 48:10	338:7,14 346:13	361:17 362:14
228:2 229:4	<b>re-up</b> 345:9,9	49:20 50:5,22	347:13,13,13	363:13
276:14 307:19	reached 6:10	55:11,19 58:11,15	348:6,7,10,14	recommended 5:20
344:14	230:16 293:9	59:22 61:11,19	350:5,11 354:17	6:9 29:16 36:13
raising 106:7,8				
		·		

		 	<u> </u>	1
132:9 261:4 321:7	176:19 178:8	177:11 231:11	243:12 248:7	<b>reported</b> 19:4 46:3
reconcile 114:14	185:14 194:2	255:15	270:2 287:14	60:9,11 140:7
reconsideration	203:10	relationship 173:1	319:8	238:8 261:18
327:14	referring 351:20	224:12 268:21	reliably 152:19	263:16 270:11
reconvenes 6:16	refills 58:4	273:2 315:5 317:4	339:12	278:19
record 22:10 45:21	refine 359:8	330:17	reluctance 28:13	reporting 46:20
57:16 72:16	<b>refined</b> 270:18	relationships	rely 24:22	108:13 139:14
114:11 117:8	360:2	330:14	<b>remain</b> 68:16	183:10 226:12
119:14 124:4,4	reflect 187:8 228:3	relative 312:15	remained 196:8	263:21 270:18
136:2,4 141:18	reflecting 276:10	relatively 129:16	remaining 14:13	271:3 285:11,19
154:7,13 155:4,7	refresher 9:8	216:21	202:3 233:13	reports 51:3 136:6
155:10 234:13	regard 13:12,14	release 362:22	344:18	repository 23:19
363:18	39:8 98:22 112:7	releasing 175:10	remains 112:8	representation
recorded 332:8	123:15 227:13	231:9	remarks 127:9	345:13
records 10:10 15:5	267:20,22 268:1	<b>relevant</b> 74:7 170:7	349:20	representatives
15:7,14 16:5,13	272:5 288:7 289:4	247:17	remember 348:7	345:17
22:9 27:4 110:18	289:12 304:2	reliability 6:1 9:2	remind 5:11,15	represented 164:12
111:2 134:19	359:1	9:13 11:3 12:12	remission 237:4	197:12
135:9,16 142:14	regarding 38:16	13:8,16 14:12,18	240:8 255:10	representing 23:13
149:1,4 274:3	72:2	14:19 89:13 112:8	256:20,22 257:15	25:3 264:18
recovery 195:17	regardless 237:14	131:2 134:12	261:18 262:1,7,16	represents 29:22
346:3,4	regards 39:3	136:9,14 139:4	263:7 265:11,15	159:18 160:3
redesign 13:7	291:22	142:13 148:11,16	266:11 270:13	340:9
reduce 227:4	<b>regions</b> 220:21	150:1,4,6 172:12	271:12 274:22	repressed 223:1
<b>reduced</b> 339:10	regular 40:4	174:2 188:9 189:7	275:3 279:16	requested 111:2
reduces 173:9	Regulation 3:3	189:16 199:8,14	281:4 282:7	321:4
reduction 31:15	regulations 356:13	210:18 211:6,7,10	283:19 284:1,14	requests 304:10
reexamination	357:4	211:11 212:2,8,16	284:15 293:9	306:16
267:2	regulatory 357:1	212:20,21 214:13	remote 183:5	require 44:20 79:7
refer 32:14 206:18	Rehabilitation 3:2	214:15,20 215:2,7	<b>remove</b> 249:7	80:8 81:21 123:12
346:9	reimbursement	216:3,8,13 217:1	renewable 332:11	123:19 124:14
reference 113:3	101:16 187:16	217:7,14 218:6	334:17	126:5 144:8
201:4 322:5	reinvent 23:20	219:1,8,9,11,13	repeat 72:7 262:19	169:20 195:16
referral 26:11	reiterate 14:5	219:19 240:12	replicates 312:19	197:10 198:1
27:21 32:6,8	67:18	242:15 243:3,8,22	report 6:12 57:21	205:13,14,17
41:14 120:12	<b>reject</b> 138:21	244:4,10,13,16,22	61:8,18 72:21	224:17 226:5
163:14,15 170:14	rejected 316:18	248:14,19 251:20	132:21 140:6	265:20 304:17
171:22 172:6	relate 8:21 223:6	252:5 270:9	144:22 145:18	required 12:18
206:19 293:7	230:2	271:22 272:8	169:12 174:5	72:20 205:18
300:12 308:19	<b>related</b> 19:1 48:20	284:7 287:16,18	188:12 218:13	requirement 75:11
309:3 310:14	85:21 113:9	287:21 288:1	224:18 238:18	117:21 158:20
referrals 165:8	143:16 144:12	294:12,15 316:12	240:17 259:19	198:8
304:13 306:18	168:7 171:13,14	325:7 352:7	267:10,21 271:9	requirements
322:19	211:20 223:8	353:18	302:22 304:3	56:18
referred 43:8 56:12	233:14 245:16	reliable 160:10	312:12 323:18	requires 55:19
135:3,4 136:5	291:17	213:19 214:10,11	359:5 361:17	109:14 155:19
170:8 173:7	<b>relates</b> 48:7,10	216:18,19 222:4	362:10	163:20
L	•	•	•	•

requiring 128:22	172:10 204:11	228:14 229:16	<b>Rhonda's</b> 34:3 75:3	343:4 348:9 353:9
145:10 198:3,21	229:5 230:4 234:5	230:13 233:5	RI 3:3	353:21 358:11
254:3	237:4 240:18	241:12 258:9	rich 39:12 106:6	359:21
research 1:14,18	242:19 244:14	260:13 261:2	357:11 363:8	rigorously 227:2
2:7 31:10 69:20	246:1 259:5 260:8	264:9 269:15	ride 178:12,14	ringer 334:8
84:14 122:2 173:9	260:20 267:6	287:22 288:4,11	right 7:1,4,11	ripe 39:5
227:10 247:12	270:15,20 271:13	289:8 291:19	10:13 13:10 19:20	rising 171:3
reside 153:14	272:19 284:14,15	322:18 332:7	22:14 26:6,7 27:6	risk 18:21 31:15
residence 3:7	325:18 361:6	resumed 141:19	27:17 28:10 30:5	59:19 62:14,22
263:10	responses 123:17	234:14	37:21 44:3 49:4	66:14,16 67:8
residential 152:21	responsibility	retained 322:6	51:18 58:13 59:6	70:2 74:4 75:7,17
154:16 170:11,15	120:11 127:13	retardation 249:13	61:4,5,5 62:6	76:21 77:3 109:9
190:22 191:15	163:8,8 166:8	retention 76:12	67:22 73:1 83:6	143:11 232:14
192:9,15 193:19	181:21	retest 248:14,19	90:13 91:3 92:11	247:9 249:6,18
194:14,15 195:2,8	responsible 74:17	retesting 42:2	93:7 96:4 100:9	250:4,6,10,18
195:20 196:15	125:6,17 166:11	retooling 20:21	109:13 117:5,15	278:8,13 285:7,21
201:14 202:11,14	166:12 167:15	retroactive 179:10	117:18,18 118:1	286:2,12 287:3,14
206:5	169:21 180:17	retrospective	118:14 121:18	310:19 312:15
resolved 326:20	182:9,14 185:21	226:11	124:6,11 133:6	risk-adjusted
343:16,21	191:19 208:1	retry 148:3	134:16 135:1	287:5
resource 1:21	224:15,19 225:3	return 19:16 311:5	140:21 141:13	<b>RN</b> 2:13
173:17	rest 116:4 168:10	revealed 121:22	144:17 147:21	road 65:14
resources 162:12	186:2 247:22	review 5:9 30:4	148:10 151:2	<b>ROBERT</b> 1:16
162:15 163:1	restart 234:11	91:12,13 95:21	152:4 156:10	<b>Robinson</b> 2:20 15:3
304:12	restarted 141:14	107:16 111:4	157:13 158:14	22:4 24:15 66:1
respect 318:9	result 72:17 89:18	134:20 135:9,15	161:16 163:15	121:16,20 174:20
respiratory 74:19	136:16 137:6	212:10 247:1	177:10,15 183:14	192:12 193:1
respond 28:15 45:4	148:4 151:5	286:1 321:17,21	183:20 190:20	194:8,15,20
49:4,5 51:17 71:7	167:17 213:5	331:19 353:19	191:3,22 192:12	204:16 230:21
71:21 74:22 180:9	214:5 244:22	362:3,13,15	192:21 199:13,21	251:14,16 252:8
224:13 243:17	259:11 269:5,9	<b>reviewed</b> 5:16,17	200:3,15 201:11	253:16 254:19
254:11,14 273:10	289:20 290:7	111:11	201:17,18 202:11	255:12 272:10
273:17,21 276:6	294:5,9,18 295:1	reviewer 35:17	204:18 208:14	275:11,15,20
276:15,16,19	295:10 300:16	113:4 114:12	213:11 216:16	276:3,14 332:21
277:7 280:1 285:9	315:11 316:9	reviewer's 245:19	217:15 218:21	332:22
304:1 317:10	resulting 168:6	reviewing 340:21	221:4,20 235:16	<b>ROC</b> 244:7
329:17 358:22	results 11:3 12:5	revise 232:3	250:15 251:9	rocks 52:21
362:4	71:17 91:17 96:17	revised 303:19	267:3 276:1,2	rodeo 354:2,18
responders 254:12	97:8 103:21	revision 300:9	277:10 286:13	role 22:9,11 29:7
responding 47:21	104:14 105:8	303:16	288:20 291:6	282:14 283:16
254:7 276:18	110:14 111:16	rework 165:7	294:1 296:5 303:1	338:17
response 16:22	134:5 137:19	350:16	307:20 309:12,13	roll-up 287:2
78:15 80:12 81:22	138:9 147:14	<b>Rhonda</b> 2:20 15:2	311:19 314:12,22	<b>room</b> 1:9 51:12,13
96:3 99:2 103:15	150:16 151:16	25:7 64:20 65:22	315:15 316:10,16	96:15 171:11
104:8 105:2	188:19 189:4,9	74:22 192:22	317:11 319:4,4,9	176:3 178:12,14
133:17 136:10	214:13 216:3	204:15 251:12,12	325:19 331:11,15	194:17 195:3
137:1,13 138:4,18	223:22 224:2,4,8	272:9 332:21	336:22 342:14	198:3 228:22
	-	-	•	-

234:9 238:15	185:14 192:13	215:6 216:15	38:20 41:12,14	262:2 278:7 292:6
rooms 75:20 168:4	194:7 209:21	217:18 218:4	45:8,10 47:16	337:3 344:2
183:7 184:3	210:10,11 222:18	222:22 226:3	59:16,21 60:2,15	secondary 59:22
rotate 334:14,21	224:10 239:15	school 2:2 345:19	66:9 69:1,5,5,7,8	171:8,17 198:11
round 21:6 343:15	272:22 279:10	SCID 298:1,3	69:13,14,14 71:17	203:8
routine 19:13 69:2	295:18 300:17	science 80:22 81:2	72:13,14,17,20	secret 293:14
258:17	320:2 344:18	351:5	76:16 100:3,20	Secretary 341:11
routinely 51:4	345:12 351:18	scientific 3:12 9:11	101:20,21 102:1	341:15
rule 316:6	352:3	12:11,15 14:11	107:5 108:1,1,2,3	section 221:22
rules 129:19	says 21:17 26:10	81:16 134:8 148:7	108:11,13 109:7	239:20 337:11
run 16:3 30:10	27:20 60:13 78:4	189:12 242:12,14	109:16 111:9	sector 39:1 47:7,15
231:15 341:8	83:6 119:18 125:6	269:18,20	112:3 113:13	342:16
running 7:15	193:7,8,11 215:10	scientists 333:13	115:6,13 117:20	sectors 290:20
rural 32:17 178:5,9	215:10 217:15	score 92:20 95:6	119:11 121:3	secured 175:11
178:16 285:4	<b>SBI</b> 114:18 115:21	237:15 248:10	122:1 131:9	see 7:4 9:13 24:4
ruthless 293:15	<b>SBIRT</b> 39:21,22	261:22 262:3,11	141:21 142:5	26:20 30:8 41:21
	49:15 65:5 118:21	263:1,5 267:8	144:15 146:13,17	43:18 51:4 60:21
S	128:10	278:9 298:14	162:9 163:22	70:15,17 71:18
<b>S</b> 235:1,1,1	Sc.D 2:1	scored 103:9 298:1	207:9 208:2 248:7	75:4 80:1 87:19
safe 173:15	scale 32:10 35:4	<b>scores</b> 264:1	296:2 297:21	93:14 111:7
sake 56:19 63:1	41:18 77:20	266:12	299:7,18 300:15	122:11 142:14
<b>SAMHSA</b> 34:21	scanned 346:2	screen 32:13 33:14	303:9,18 305:13	148:13 152:4
341:16	scared 295:19	33:18 34:6,8,10	306:10,14 308:1	158:15 163:20
sample 148:12,14	scary 333:14	34:12 46:11 48:11	311:7 314:3 315:6	169:13 175:15
213:15,16 214:4	348:11	59:13 61:14 65:4	315:22 316:15	176:12 184:10,22
215:20 216:1	scenario 185:11	70:20 73:13 75:17	317:4,19 319:12	188:14 199:7
sampling 152:16	scenarios 80:5	80:1 100:21 102:5	322:17	202:5 206:17
SAMPSEL 3:19	schedule 8:1	108:7 123:14,21	screenings 71:15	209:14,15 210:5
San 317:16	235:11	129:21 213:11	305:8	211:15,16 216:2
sand 275:2	scheduled 291:10	297:17 300:8	screens 34:11 95:3	218:2,11,14,17
Sarah 3:16,19	291:11 326:18	303:3 305:10	310:11	219:17 227:3
111:16 321:2	362:2	310:12 354:5	<b>screwed</b> 323:12	253:8 259:22
341:13	schizophrenia	screened 42:20	<b>se</b> 79:14 165:9	264:20 273:5
Sates 39:12 106:7	301:20	43:3 46:5 48:14	search 225:16	276:11 277:17
satisfaction 206:1	SCHOLLE 3:16	61:9,16 63:5 75:9	searching 247:16	281:17 284:10
352:19	107:12 117:4,15	75:13,14 112:18	357:19	289:15 296:22
<b>Saturday</b> 74:12	117:18 123:18	113:22 114:22	seated 332:2	298:6 311:16
sauce 293:14	132:8 134:14	126:19 130:5	seating 331:12	320:16 323:14
saved 166:20	135:7,19 136:3	152:19 207:16	second 5:19 42:9	327:5 328:21
saves 326:8,9,10 saw 51:22 112:16	142:2 153:4,21	299:17	43:12 72:8 82:18	345:15 346:2
160:6 185:17	154:3 155:1	screener 116:9	106:15,16 117:22	seeing 32:3 63:3
207:11 284:13	156:22 157:5	310:9	123:17 124:9	70:2 79:21 151:13
327:14	158:13 165:17	screeners 116:7	130:16 163:6	240:20 253:14
saying 21:16 62:4	169:7 180:10	screening 4:10 6:8	166:22 171:14	315:4
69:8 90:2,5 91:13	184:15 190:2	8:7 30:16 32:7,21	172:10 173:6	seeking 62:2
126:16 132:2	192:8,21 196:3	33:3,4,4 36:11,19	204:3 207:2,12	237:12
136:4 155:2 183:2	201:9 212:15	37:13,17,19 38:9	235:15 252:9	seeks 236:21
150. † 155.2 105.2				

seen 59:7,8 157:8	271:14 305:8,18	34:2 56:11 60:19	243:19 278:7	203:5
158:5,15 159:3,12	306:2 323:20	62:9,10 69:22	297:2	<b>SIDDIQI</b> 3:1 356:9
181:11 184:6,10	349:3	95:6 108:2 134:15	<b>shared</b> 280:3	side 15:9 25:7
184:11 187:8	separately 45:12	175:8 176:19	sharing 126:5	64:10 96:16 181:8
201:13 203:19	54:9,14 57:3	212:12,13 224:17	182:20	210:18 252:15
204:13 237:6	separating 285:1	233:17 234:10	Sharpie 345:6	254:6 271:10,10
253:10 255:6	series 106:7,8	263:22 264:17	<b>Shea</b> 3:2 116:5	271:13,13 335:4
274:2 299:3,21	174:16 197:6	291:6 295:17	145:5 194:3	sides 18:17 208:12
315:13 321:16	336:15	299:1 323:20	333:22,22 334:1	208:12
335:19	<b>serious</b> 107:14	360:3	sheets 358:5	sign 5:8 174:20
sees 79:12	108:8,16 114:3	sets 22:17,20 23:4	<b>shelter</b> 206:21	signal 212:21 213:3
segment 70:7	124:20 132:1	23:19,21 24:5	shepherd 39:15	213:8 215:17
segmentation	310:5,6 347:6	25:13,18 26:18,18	shepherding	216:8 284:3
360:10	seriously 201:6	27:3 78:12 110:3	363:11	336:21
segmented 129:9	205:7,11,12	182:17	<b>shield</b> 239:4	significant 31:14
segmenting 360:13	service 72:6 117:10	setting 27:10 29:17	<b>shocking</b> 301:1,3	32:10,15 42:22
select 352:9	117:20 119:8	83:3,18 114:16	shockingly 112:14	53:20 69:16 80:19
selected 264:2	130:18 153:22	115:1,6,8,9 118:3	shoot 167:10	113:18 222:15
331:21	162:13 172:3,5,8	154:21 178:1	Shore-LIJ 2:9	231:4 238:4
selection 226:21	188:7 189:20	190:22 191:9	<b>short</b> 7:21 101:2	240:11 246:19
252:11	191:17 203:11	192:9 196:9,15	184:22	248:5 250:21
self 172:17 265:19	220:14 269:1	201:15 202:1,7,11	short-term 171:2	264:10 266:21
<b>self-help</b> 114:10	serviced 176:17	202:14 304:11	shorten 78:15	270:13 292:4
Semel 3:8	services 2:4,8 36:13	settings 80:17	<b>shortly</b> 174:10	353:14
<b>Senator</b> 165:13	47:4 69:3 100:6	126:6 143:14	shoulder 74:11	significantly 41:15
send 135:13 186:15	114:10 124:1,17	149:10,11 153:7	show 32:19 42:17	59:17 92:4 222:8
232:2 310:13	125:10 130:10	263:14 300:6	51:9 93:4 132:17	<b>similar</b> 107:18
<b>Senior</b> 1:16 2:17	153:11 154:5	setup 175:11,12	171:11 173:18	110:3 227:7
3:13	161:11 163:4,5,10	seven 151:6 158:8	175:1 176:2	316:19 317:7
sense 18:17 21:3,13	164:4 166:7,13,14	159:8 161:7	190:14 192:20	<b>simple</b> 55:16 71:12
21:18 23:8 36:1	169:22 173:12	170:20 171:21	203:7 222:5	216:10 284:8
38:10 41:2,5 62:4	175:22 176:9,20	179:4,6 184:9,11	257:21 292:9	simpler 358:1
110:15 111:14	176:22 177:15	184:18,21 185:18	<b>showed</b> 32:12,14	simplify 358:2
115:7 125:8	180:16 181:4	198:4,17 200:1	143:14 146:11,16	<b>Simply</b> 237:15
128:22 180:3	186:5 187:21	218:18 225:14	170:13 171:1	Simultaneous
200:20 208:9,20	194:5,10 197:2,3	248:2 275:3	224:1,6 317:20	92:12 319:22
208:21 215:3	204:6 206:11,21	312:21	<b>showing</b> 279:3,6	331:14
246:1 257:2 284:9	221:1 224:16	<b>severe</b> 146:12	287:7	Sinai 3:9
292:21 308:15	285:4 300:14	195:15 266:13	<b>shown</b> 58:15,21	single 26:20 58:7
321:20 357:5	328:17	276:5 277:12	60:1 213:10	58:20 59:1 92:20
sensitive 233:11	serving 125:20	281:5 293:4	272:18 280:11	109:10,11 127:17
sensitivity 244:6	session 42:21 44:10	severely 31:21	<b>shows</b> 31:14 33:19	301:11
248:11,18	44:14 95:10	severity 195:9	122:3 159:11	single-question
sent 320:15	177:20	243:14 250:11	173:9 175:4 218:5	58:14
separate 21:20	sessions 95:7	278:8 286:17	<b>shut</b> 235:7,9	sinus 70:19 79:20
45:10 55:5 93:21	set 6:20 22:17 24:8	shades 140:20	sick 201:11 207:21	80:3
95:7 132:13	24:12 25:9 26:20	<b>share</b> 129:2 203:17	sicker 32:3 40:6	sinusitis 70:20
	1	1	1	1

73:22 74:5	321:18 357:15	68:16 187:12	347:12 350:13	26:2 45:18 46:20
sir 43:14	smaller 169:14	279:20	351:15,21 352:2	99:1,5,15 100:4
sit 52:3 62:1	smaller-scale 40:12	song 167:8	352:17,18 354:14	100:19 102:16
site 103:4	<b>smart</b> 84:14	soon 49:16 94:18	354:17,21 355:8	149:17 176:6
sites 39:19 103:2	<b>SMI</b> 84:2 108:14	272:15	359:7,13 362:15	195:19 323:21
317:17,19	111:7,10 114:17	sooner 19:17 94:20	sounding 278:14	324:7
sits 33:18 51:21	114:18,22 115:3	253:20	sounds 46:21 86:21	specifications 9:14
sitting 191:5	115:18 126:18	sophisticated 19:5	93:17	9:18 12:13 14:15
354:14	131:15 144:4	sorry 14:4 78:17	source 173:14	20:19 44:2,8,18
situation 77:16	145:7,8,10 148:14	79:2 87:3 94:11	206:19	98:17 99:22 102:8
170:6 225:1	152:14 154:14	109:1,12 122:11	<b>space</b> 15:8 24:3	114:9 116:6
247:11	157:13 170:21	143:2 152:3,11	31:3,14 87:21	123:12 176:5
six 150:6 151:17	171:3	176:5 189:7	91:21	189:16 190:7,7
255:18 256:2,19	smoke 26:10 27:20	191:13 193:7	<b>spaces</b> 19:18	224:17 270:9
257:16 261:9	64:14 74:5,10	212:3,4 233:21	span 128:20	272:6,7 325:6
262:2,17 266:2,4	143:10	237:22 286:7	speak 41:10 55:2	specificity 244:6
266:9 267:8,11	smoker 74:1	294:3 314:12	99:19 136:20	248:12,18
271:7,12 280:4,7	smokes 33:11	335:3 356:10	222:21 288:11	specified 20:11
281:2 284:14	smoking 64:10	<b>sort</b> 7:7 8:14 10:3	289:10 319:7	65:20 80:7 98:20
290:15 292:2,5,11	75:14 143:15,22	11:4,13 29:15,16	351:8 360:17	<b>specify</b> 53:18 54:18
293:8	soap 73:6	35:21 41:1,8	speaking 92:12	specifying 33:2
<b>six-month</b> 235:18	soar 255:7	43:16 46:22 47:22	109:12 319:22	35:6 51:20 106:21
255:16,21 265:3,6	social 2:2 56:12	50:11,12 55:19	331:14 360:16	318:17
268:3,8,17 275:4	101:14 209:8	71:19 72:1 74:22	<b>spec</b> 174:16 177:8	specs 101:16
six-month's 265:5	345:15	80:11 84:19 86:13	208:7 210:18	172:11 174:2
sixth 164:13,14,16	Society 8:9	88:15,16,19 93:15	<b>special</b> 181:13	177:9 206:14
size 213:15,16	socioeconomic	93:18 106:7,18,21	190:12 280:15	209:5 210:22
215:20 222:11	250:13	129:13 144:10	specialists 285:13	211:6 219:3
sizes 216:1	software 236:2	149:18 172:11	specialty 124:17	spectrum 3:20
skeptical 82:21	<b>solely</b> 266:5 281:9	179:6 183:19	164:12 341:2	355:17
skew 273:3	<b>solicit</b> 6:14 361:20	208:22 222:11	specific 13:21	spending 62:11
<b>skewing</b> 273:14	<b>solo</b> 103:3,8	225:6,7 226:11	29:22 39:11 54:6	<b>spends</b> 209:10
276:4	<b>solution</b> 206:5,9	229:22 232:12	63:12,15 74:14	<b>sphere</b> 153:15,15
Skinner 348:7	221:14 327:2	238:17 246:9	101:4 123:8 140:8	<b>spinach</b> 199:21,21
<b>sky</b> 246:14	solutions 3:19	257:22 282:15	145:6 284:7 308:8	<b>spirit</b> 139:7
sleep 74:13 251:3	203:18	284:16 289:16	318:7 320:21	spirited 132:19
<b>slide</b> 5:13,14 6:7	solve 25:17 26:1	293:14 313:22	322:5 324:19	splintered 129:5
361:13	168:19	314:5 315:14	327:20 340:13	<b>SPMI</b> 122:4
sliding 51:2	somebody 60:12	316:14 317:3,6,12	specifically 18:15	<b>spoke</b> 39:11 262:14
slight 7:22	83:5 86:14 95:3	321:10 323:9	25:6 31:4 34:4	sponsored 66:5
slightly 268:19	132:1 166:4	327:8 328:18	35:4 90:9 139:22	square 21:6
269:2 340:1	172:17,21 181:22	329:15 335:12	144:4 167:20	squishy 68:3
slippery 200:7	216:10 308:11	336:3,17 337:5,17	168:2 219:8	<b>staff</b> 3:11 65:7
<b>slope</b> 200:7	349:12	338:3,18 339:2,3	221:16 303:15,17	124:16 139:3
small 46:14 71:22	somebody's 259:1	339:11 340:4,8	308:17 313:13	147:10 290:18
122:1 216:21	someone's 129:20	341:2 342:6,9	343:11	300:10 314:6
222:12 265:22	somewhat 47:8	345:22 346:7	specification 19:1	319:18 322:19

				<u> </u>
323:4 326:4	210:4 235:4	219:4 287:4	strongly 118:22	8:7 26:11 42:19
327:16 359:1	272:15,19 275:22	stats 175:3	struck 353:5	46:7 47:11,14
360:19	277:4,5,10 280:7	<b>status</b> 19:19 164:2	structural 324:14	80:17 95:4 115:16
stage 167:14 209:1	354:4	250:13	structure 176:18	123:2 125:11
248:20 350:15	<b>starting</b> 8:6 14:1	stay 7:16 347:4	269:1	129:21 132:13,14
<b>staged</b> 350:18	21:11 49:11 51:4	steering 1:8 264:8	structured 27:19	143:13 154:15
stages 268:8	53:2 121:8 225:9	stem 50:13	209:2	159:14 163:5
stakeholder 110:14	254:11 277:22	step 7:1 76:21 77:1	struggle 356:1	171:9 185:16
142:17 197:17	278:5 309:6,8	108:6 119:11	struggled 118:16	187:14,20 193:15
225:12	310:18 334:12	132:9,12 195:11	struggling 357:18	194:14 195:10,15
stakeholders	starts 76:16 255:17	219:17 255:14	stuck 198:14 325:7	203:3,9 226:17
160:12 164:9,20	256:15,18 275:8	steps 4:16 7:4 77:2	334:22 356:19	246:4 247:2,8,16
164:22,22 224:7	state 2:16 50:10	140:11 194:1	studies 37:1 40:11	247:21 248:1,17
<b>stamp</b> 87:1	57:22 121:1	361:9,13	40:12 82:8 207:5	264:13 278:18
<b>stance</b> 343:1	126:10,11 156:2	stepwise 11:4	227:1 247:14,17	305:14 310:11
standard 29:17	164:18 165:22	<b>Steve</b> 3:15 296:6	247:22 248:2	312:20 313:1
53:6 60:22 84:7	168:13 178:10	317:9 321:9 322:1	<b>study</b> 32:11 36:21	328:1,8 338:14
90:4 131:14 216:6	206:19 213:4	stewards 111:13	47:3 143:12	substances 75:5
328:18 349:19	214:1 218:9	<b>sticking</b> 51:5 107:9	146:11 175:3	substantial 15:8
350:16	221:12 237:18	140:16	186:20 247:20	122:2 127:15
standardization	288:12 292:19	<b>stop</b> 38:2 87:13	297:19 324:20	220:22
22:7	346:12 347:19	109:22 128:2	337:11	substitute 128:3
standardize 24:18	stated 42:15	221:20	studying 69:11	suburban 285:3
standardized 32:21	statement 88:1	stopping 210:16	<b>stuff</b> 29:13 51:3	successful 35:3
52:2 239:8	165:5	straight 153:10	63:22 65:13 78:2	204:14 253:22
standards 23:11	states 50:11 77:7	192:4	86:22 139:8 174:3	265:15 329:13
27:4 29:14 66:6	123:2 125:18,18	<b>strains</b> 207:15	189:21 208:7	<b>SUD</b> 73:14
105:20 172:4	130:8 131:21	Strategic 2:9	210:7 235:6	sufficient 109:11
362:13	160:3,5,7 168:3	strategies 44:6	321:20 340:15	133:9
<b>standing</b> 1:3 86:5	168:12 169:14	stratification	344:13 346:11	suggest 67:10
282:14 331:10,12	176:1 178:5 186:6	285:13,19	349:15	106:12 147:12
331:16 334:13	210:7 211:19	stratifications 7:5	styles 53:21	165:7 228:7
336:3	213:14,17 214:1	stream 77:17 78:11	<b>subacute</b> 152:20,21	329:12
standpoint 122:18	217:9,16 218:8,15	streamline 357:21	170:10,15 191:14	suggested 117:10
122:20	220:21,22 222:4	street 1:9 50:18	191:16 193:3,19	182:11 329:11
star 234:4 361:5	222:14 223:5	51:2	subject 38:6	suggesting 67:6
start 7:14 8:2 14:2	338:17 346:15	strength 194:21	submission 103:5	suggestion 280:17
63:22 73:9 133:11	statewide 237:20	stress 143:21	316:22 320:22	suicidal 18:21
191:10 200:8	238:3 264:21	strict 283:13,15	submitted 244:2	suicide 1:22 24:18
209:12 210:6	stating 57:14	<b>strictly</b> 307:16	315:20 321:16	26:3 172:17,22
220:10 273:2	statistic 60:21	strikes 327:4	324:19	173:6 199:1,3
274:12 299:15	213:8,9 214:12	strong 119:15	submitters 243:4	318:9,11
304:15,22	215:18 216:4,15	160:11 173:7	submitting 316:6	suitability 105:7 138:17 140:21
<b>started</b> 5:9,11 20:1 22:3 34:20 43:16	statistically 250:3 statistician 217:22	245:6 263:16	subsequent 260:1 265:10	138:17 140:21 141:6 156:18
100:19 125:13	286:5 287:12	287:7,10,10	subsets 73:10,14	
170:5 202:13	statistics 53:14	330:13,16 337:8 337:15	substance 4:5 7:9	230:20 233:3,6
170.3 202.13	staustics 33.14	337.13	Substance 4.3 7.9	261:3 290:6,8
	l		l	l

295:8,11	229:14 230:11	syndrome 246:9	50:4 77:1 87:20	278:12 333:19
suitable 232:1	231:21 236:11	251:3	113:16 123:16	356:7 358:14
suitcase 93:12	241:7,21 243:6,18	system 16:15 42:9	141:12 145:10	<b>Tami's</b> 282:11
suite 126:2 237:18	244:20 246:10,20	69:1 116:15	166:21 167:2	target 52:21
257:4,13 271:1	249:19 250:8	122:15 127:10	173:21 184:12	targeted 171:22
284:10 329:14	252:14 254:19	128:8,14 130:19	314:8 324:10	172:1,2
summarize 72:1	256:4 270:8,22	179:8,14,19 180:1	331:4 339:4,18	task 31:8 36:14,17
81:19 217:21	274:6 277:18	183:3,12 184:4,12	341:18 343:1,5	300:14 319:18
218:9 321:10	279:2,9 284:21	185:5 188:1	taken 20:3 34:19	328:17 350:21
summary 208:9	285:10 291:16	192:13,14 194:22	58:16 283:15	tau 287:9
210:11 322:2	292:16,19 294:13	200:12 203:18	322:4	team 101:18 204:3
super-impressive	294:22 298:8	204:21 205:15	takes 78:9 155:7	teams 153:13
265:6	302:6,9 312:3	221:11 226:6	288:15 300:2	tease 45:22 58:6
supervised 50:7	317:6 320:2 321:3	231:4 232:15	talk 8:15 30:4 56:3	59:3 69:18 85:20
supplemental	324:5 328:7 355:3	238:14 243:3	65:10 104:4 116:2	teased 68:9
134:20	358:12 363:2	292:7,22 352:14	126:17 138:16	teasing 19:1
supply 53:5	surprised 55:14	system's 204:10	156:11 176:15	technical 64:18
support 16:1 36:5,8	surrounding	System/Health	189:13 190:3	94:12 116:13
68:15 119:1	248:21	2:20	194:10 212:2	313:22 339:20
127:19 131:9	<b>survey</b> 304:6	systematic 298:19	257:15 267:9	technically 172:7
160:11 164:19	surveys 305:2	336:9	269:20 282:13	243:21 252:22
222:10 227:7	309:10 314:3	systematically	324:2 327:12	tee 8:14 148:9
253:2	Susan 141:22	276:12 336:6	339:2 354:22	220:1 232:22
supported 9:19	183:22	systemic 249:8	talked 30:6 59:8	236:9 296:3
36:3 164:20	<b>Susman</b> 3:4 18:19	systems 10:15	77:21 99:8 104:5	teeing 261:11
300:11	45:15 48:2 62:20	21:10 60:20 62:9	110:21 112:9	teleconference 3:22
supporting 160:14	84:8 86:19 127:3	73:4 126:17	113:19 114:8	telemedicine 174:9
267:22 315:14	216:13,20 217:6	129:11 174:22	129:22 133:14	197:4,5,7,11
supportive 28:18	227:11 267:14	175:15 182:19,22	149:12,14 157:12	telephonically
248:2	269:22 283:9	183:19 204:13,13	211:8 220:3 226:6	49:14 116:16
supports 237:3	286:9,19,21	204:18 221:19	247:17 248:20	tell 36:19 57:13
268:21 309:2	288:10 290:16	239:9 258:16	264:5 279:5	64:13 66:13
311:22 323:4	291:4 292:18	259:19 265:20	300:22 302:7	115:10 178:3
supposed 90:16	307:10,16 313:17	293:1 345:19	311:8 319:16	185:21 213:20
130:11 167:16	319:17 320:1,14		337:3 347:21	215:1 245:5
186:17 291:2	321:12 333:12	T	350:2 360:11	246:11 254:9
316:7 360:20	334:2,2 349:17	<b>T</b> 235:1	talking 32:4 35:8,9	354:5
sure 17:9 18:11,16	356:11	<b>table</b> 9:6 14:10	57:13 83:2,3	telling 26:13 89:3
23:3,8 26:6 27:9	<b>suspect</b> 144:18	18:14 21:11 51:22	88:15 120:17	224:6 227:14
39:1 84:21 91:8	187:13 231:16	82:20 122:11	193:13 194:9,12	tells 42:7 84:3
118:4,18 121:5	326:12	123:1 218:16	236:19 257:14	temperature 167:2
130:19 142:2	symptom 5:21	224:1,1 325:10	271:19 277:15	template 244:2
156:22 166:13	symptoms 245:16	327:15 335:18	278:1 301:8	360:7
170:17 172:5	253:10 261:19	345:13,20 353:9	323:15,17 329:3	ten 62:1 77:21
180:15,21 187:2,3	262:8 263:19	<b>tabling</b> 177:8 326:2	349:4,8 352:12	141:12 185:15,16
187:22 190:2	265:16 278:6	tag 122:11	<b>Tami</b> 2:10 11:10	233:19 234:9
198:9 211:22	308:6,16	<b>tailor</b> 308:16	45:4 99:13 226:14	ten-month 255:22
	, ,	take 16:3 21:8 22:6		
	I	<u> </u>	<u> </u>	I

tens 288:11,19	239:7 251:20	363:15	285:16 290:21	143:3 146:14,18
tenure 28:19	testing 8:22,22 9:5	theoretical 49:10	293:1 296:14	147:10 149:14
346:18 347:7	11:3,13,16,19	330:15,19	300:20 301:3,12	153:1 154:20
term 7:21 64:18	12:5,19 13:8,13	theoretically	304:13 306:1	155:15,15,17,18
270:14 332:2	13:17,21 14:21	110:22 275:22	307:3,6 315:17	167:2,6,13 168:16
356:20	15:1,19 16:15	therapeutic 68:10	331:19 335:22	170:3,6 175:12
terms 38:19 66:16	36:7 37:15,22	therapy 52:4 208:3	338:19 340:17	177:11,13,13,22
67:7,11 80:11	38:15 41:1,3,6	thereof 221:19	346:15 354:8,21	178:19 180:1,6,11
81:4 85:16 90:6	42:4,6 43:13,21	they'd 199:3	354:22 355:6	183:2 184:2,13,20
94:14 95:13	44:16 48:6,8	310:20	358:18 359:20	185:4,5,8 186:21
115:15 118:14	54:20 57:11 59:5	thing 26:6 28:8	360:5,14	187:14 188:10,11
143:5,18 146:9	62:7 82:21 85:6	37:14 40:6,10,18	think 6:17 7:2,10	192:3,6 193:6,7
148:16 177:2	89:12,14 91:16	42:18 43:4 47:22	12:13 13:4 15:16	194:8 195:18
184:5 199:1 204:8	92:7,9,9 93:19	70:4 71:22 76:14	15:19 17:1,14	196:10,13 199:8
205:6 209:3 216:7	94:19 98:10 103:1	82:18 86:8 88:9	18:20,21 19:8	199:10,12 200:6
227:2 239:20	110:13 112:22	91:1 106:16,16	20:4,5 21:4 22:14	200:20,21 203:2
240:9 243:7 244:9	121:22 164:18,19	115:12 117:22	24:20 25:5,8,9	204:7,12,17 205:1
245:3,22 249:18	169:12 211:8,10	119:12 144:16	29:3,8,11 38:5,7	205:8 206:2 207:3
257:3 261:11	211:12,18 214:11	169:6 176:11	38:14 39:4 40:13	208:14,21 217:6
274:13,22 280:13	222:9 223:2,3	179:2 203:16	40:16 42:15,16	219:1,9 220:3,4,8
283:1,4,7 284:12	227:14,20 228:1	205:6 221:4	44:7,9 46:9 47:12	221:17 222:19
284:22 285:16	243:22 252:4	223:17 227:7	48:19 50:9 51:7	223:11 224:9
286:6 323:21	342:8	235:19 268:10,11	51:12 52:22 53:17	225:20,21 226:9
331:5,9,20 334:20	tests 24:17 36:7	268:12 274:11	54:4 55:9,10,11	227:5,9,15,17
344:3,18 346:1,5	146:16	278:7 282:4 284:9	56:20 59:2 60:1	228:19 231:19,20
352:17 354:19	thank 48:2,4 72:14	288:18 300:17,19	60:15 61:6 62:7	232:2,6,9,17
355:19 356:1,15	81:18 98:13	303:13 306:2	63:4,9 66:11	233:12 241:4
357:1,16 359:7	105:10,12,13	324:3 325:11,13	69:18 70:10,12	244:10 245:22
360:3	141:9 155:12	331:6 339:5 342:5	71:9 76:20 77:1	253:17 254:1,2
terribly 112:6	165:11,12,13	347:10	77:15 78:7 79:19	267:14 269:22
Terrific 160:16	183:8 188:3	things 7:13 17:19	80:14 82:4,9,14	270:6 273:16,17
261:7 295:13	192:22 206:12	23:2 24:17 30:18	82:22 83:19 85:3	274:14 278:14,21
territory 89:21	219:18 227:11	34:1 39:18 43:22	85:8,17,22 87:7	279:5 282:1,4,10
tertiary 171:8,18	228:6,14 236:7	54:5 58:5,6 60:3	87:17 89:16,22	282:12,21 283:2,3
203:8 356:17	238:19 244:21	64:1,12,17 70:7	90:10 91:22 94:1	283:9,13 286:10
test 10:14,17 12:22	246:20 255:12	82:20 94:13 106:5	98:3 99:4,11	288:10 289:13
15:22 19:20 54:14	261:13 266:15	114:14 116:3	102:21 104:3	291:22 293:15
55:3,4 125:14,15	296:4 305:3 313:6	122:9 124:14	105:14,16,16,17	296:9 299:10,11
125:19 148:12	317:11 322:8	125:18,21,22	105:18 108:21	299:14 300:2,21
tested 10:22 11:20	329:7 345:4 356:5	127:14 129:22	109:22 114:20	300:21 301:22
11:22 12:12 13:15	357:8,12 358:9	142:19 154:18	117:10 118:15	303:16 304:5,15
40:22 41:5,13,17	361:1 363:5	155:17 174:13	120:15 121:14	304:22 306:1,15
45:11 48:13 54:5	thanks 27:13 65:1	177:16 181:6	126:1,15 127:5,8	309:6,7,9 310:17
54:5,9,21 82:21	155:13 160:16	187:11 188:7	127:10,18 130:2,4	311:4,7,14,14
110:2 112:11,12	302:18 345:1	205:1,20 209:13	130:14,21 133:14	313:10,15,20
159:20 160:1	348:17 360:22	210:21 246:16	138:6 139:6	315:8,12,17
220:13 222:2	361:1 363:10,10	249:15 284:1	140:21 141:10	316:18,22 317:13
	,			•
	<u> </u>	I	<u> </u>	

	 			l
321:5 322:3 323:6	172:18 229:4	105:11 108:12	149:20 154:19	<b>toting</b> 46:13
323:15 324:1,13	346:1 359:17,19	109:16 111:3	today 5:10 7:17	touches 205:7
325:2 326:14	thousands 288:12	116:2 153:2 180:3	8:21 9:22 11:21	229:22
327:4,11,19 328:5	288:19	184:7 196:4,17,17	14:6 37:6,9 80:21	touching 282:11
328:15 330:7,20	threat 312:22	198:21 199:11	81:14 99:12	track 40:5,10 45:14
331:2,3 337:9,16	three 10:17 12:22	201:15 209:10	155:16 167:6	56:9 63:11 153:22
337:18 339:6,7,11	19:14,16 30:12,13	220:7,11 225:13	236:19 246:21	312:4
340:12,14 341:19	39:20 48:18 58:16	232:16 233:15	291:11 328:22	tracked 34:1
342:22 344:4,9,11	65:14 69:2 94:13	234:6 235:15,22	350:2 359:6	<b>trade</b> 22:10
344:17 346:13,17	94:17,18 95:4,7	239:7 249:2	<b>told</b> 229:11 323:11	trained 50:7
348:14,21 349:13	100:17 107:22	250:20 252:12	<b>Tom</b> 167:7	<b>Trangle</b> 3:5 49:8
349:17 350:1,5,7	108:2 109:18	253:1,4,8 257:1	tool 24:2 25:6	91:11,18 116:12
351:3,14,15	113:22 114:14	257:10 260:3	32:21 33:1,3,4,5	117:12,16 128:5
352:16 353:6	125:15 133:4	261:17 262:6,18	164:10 182:8	153:9 155:21
354:12,16,19,19	150:18 161:4,6	267:2 268:5 273:6	207:9,13 209:1	208:8,16 334:5,5
355:4,4,10,14,22	179:16 194:11	273:9 275:4,8	226:14 236:20	338:1,22 352:16
356:4 357:3	257:13 282:22	277:1,14,15	237:8,16 246:2	transcribed 332:8
358:19,21 359:1,8	293:6 305:20	279:11,12,18	247:14 248:10	332:8
359:22 360:9,14	306:3 331:20	280:16 292:22	249:14 252:3	transfer 171:1
362:8 363:7	332:13,15,18,20	296:13 304:12	253:7 255:3,5,8	193:17 196:16,16
thinking 10:20	332:22 333:2,4,6	318:11 325:22	255:10 263:15,16	201:16
11:14 23:5 40:21	333:10 334:7	326:2,4,22 327:12	274:21 277:18	transferred 170:10
55:10 88:17 125:3	335:5,9 341:10	334:14,22 336:9	299:2,18 303:18	201:14,17 202:10
129:6,7 145:6	352:20	339:17 340:21	305:11,17 306:10	transformation
199:20 227:19	three-quarters	341:7 344:15	313:21 317:19	350:8
344:19 348:18	77:6	345:9 354:21	318:20 319:13,21	transformed 360:8
351:16 353:15	three-year 332:2	356:5 361:3,8	322:5,5 327:20,21	translated 100:13
<b>third</b> 113:20,21	threes 334:11	362:5,22	328:3	251:19 252:7
115:12 118:5	threshold 72:5	times 65:14 195:19	toolbox 311:16	transparency
149:3 163:7	273:18	212:7 274:8	tools 24:19,19 25:1	139:8,19 353:18
171:19 186:12	throw 18:10 224:3	312:17,21 313:2	25:2 33:5,8 162:9	transparent 278:20
301:3,4,6 344:4	throwing 52:21	353:5,13	238:13 252:5	transport 200:17
thorough 344:6	309:10	<b>timing</b> 19:12 77:16	264:11 297:10	transportation
thoroughly 247:12	THURSDAY 1:5	350:20	300:4 304:20	192:16
thought 98:19	ticking 256:16,19	tip 207:4	305:13,18 306:21	trauma 49:12
99:14,21 109:10	274:13 275:8	tired 231:1	311:16 314:3,8	171:12,13 187:17
139:13 142:17	<b>tide</b> 50:13	tobacco 4:5 7:9 8:4	<b>top</b> 301:16,18	187:18
147:18 150:20	tighter 252:12	30:19 31:11,12	311:11,11	treat 254:12 310:13
153:18 180:5,12	time 6:5 7:17 10:10	33:3,11 34:12	topic 76:7 142:18	<b>treated</b> 76:9 114:17
198:20 259:17	10:16 13:8 15:20	35:9,13 36:3,10	285:22 342:5	139:10 152:19
260:3 279:6	21:5,6 23:21 32:9	37:12 44:9 48:15	topics 4:12 33:16	240:2 353:19
283:10 309:21	40:7,15 53:14	59:15 61:16 72:18	330:22 331:7	treaters 310:16
310:1 322:10	61:5 64:1 65:10	107:17 108:1	total 88:2 128:14	treating 297:2
327:14 338:9	65:12 66:13,14	111:9 141:21	293:11	treatment 1:18
353:4,7	73:3 74:13 84:20	142:4,8 143:7,12	<b>totally</b> 51:1 54:22	26:12 32:6,14
thoughts 29:9	85:1 89:7 91:19	143:16 144:15	90:12 209:7 221:3	41:14 43:8 62:2
49:18 51:15	93:16 101:9	146:13,17 149:15	347:16	76:5 108:5 118:19
	-	=	=	=

119:5,9,22 121:2	278:16 331:15	Tuesday 362:20	334:1,2,4,6,16,19	220:20 223:5
128:18 132:15	truly 19:18 41:21	turn 86:15	334:20 336:14	249:20 250:5
143:14 144:16	53:1 142:18	turns 131:19,20	341:11 349:3	257:18 278:1
149:18,20 153:13	Trust 135:19	twelve 255:18	350:14 361:11	279:2 282:1 298:4
154:16 162:18	<b>truth</b> 147:9	256:2 257:16	363:6,11	311:13 315:7
163:11 170:11	Truven 2:10	262:17 266:2,4,9	twos 334:11	342:21 343:3
171:2 172:5,6,8	try 7:16 29:16 72:9	267:8,12 271:8	type 24:19 51:19,20	understanding
193:20 194:14	81:3 85:20 87:11	twelve-month	122:5 123:10	11:15 43:7 46:2
195:8 205:19,19	89:7 93:15 111:8	255:16 265:3,4	176:8 227:7	48:9 81:14 115:2
209:13 240:7	116:1 129:17	268:10 270:7	types 25:1 45:10	221:6 222:1
253:19,19 254:4	132:19 145:19	Twenty-two 298:2	66:21 79:7 176:9	249:22 266:19
254:10,15 263:2	147:6 159:19	twice 64:8 70:15	206:10 309:4	282:19 306:6
272:15,19 273:3	174:4,16,17	135:2 235:14,17	311:20	326:13 343:7,11
275:22 277:4,6,10	176:21 177:8	298:16	typical 223:2	understands
278:3 301:5,7,10	180:10 181:5	two 7:13 21:20	typically 154:1,4	253:20
306:16 307:1	188:13 208:20	28:20 30:18 33:13	285:12,17	understood 135:13
308:17 310:21	210:4 219:10	34:1 36:15,22	203.12,17	321:3
322:20	223:3,5 228:7	45:15 50:10 51:14	U	undiagnosed 207:5
treatments 76:14	229:6 230:6	59:16 60:22 62:15	<b>U.S</b> 300:13	207:8,11 240:5
315:9 317:5	233:10,17 249:9	75:1,3 77:11	UCLA 3:8	unfair 293:8
tremendous 311:9	274:2 277:14	78:16 79:7 80:9	ugly 67:1	unfortunate 254:2
trended 281:14	310:14 325:21	95:3 101:5 102:12	ultimate 222:10	unhealthy 124:7
trending 280:16	327:7 336:4	103:1 107:15	ultimately 31:9	uniformly 319:6
281:12	trying 19:20 23:3	103.1 107.13	33:21 35:2 94:2	uninformed 347:21
trends 279:13	25:17 26:1,9 28:1	108.9,17,19 109.8	umbrella 52:3	unintended 347:17
	·	119:18 130:2,21	unable 77:1 362:21	348:10 350:9
<b>trepidation</b> 210:13 <b>trial</b> 8:19 9:7 12:3	45:18 49:19,20	,	unacceptable	unit 197:3
	50:9 53:17 54:7	139:13 141:10,14	114:12	
12:4,7 15:22 34:3	68:6 70:12,22	142:9,9 146:2	unadjusted 287:6,8	United 131:21
38:6 39:6 55:10	73:13 79:19 87:18	147:16 151:6	unarguable 35:20	186:6
55:21 85:5,12	99:11 105:20	156:19 158:1,3	uncharted 89:20	<b>units</b> 49:12 176:15 213:13
86:2,10,13 89:19	114:14 116:15,16	159:2 162:11	unclear 67:2	
89:21 98:16	118:18 128:9	170:3,3 179:18	uncomfortable	universal 48:11,20
102:15 105:7,9,9	142:13 157:6,14	186:4 205:1	53:4 84:21	universe 217:12,14
325:6	158:14 168:19	206:16 207:5	under-ascertained	257:19 359:18
trials 39:21 106:20	179:14 180:12	208:12 215:4	36:4 168:20	Universities 1:16
227:2	194:21 196:19	220:18 228:12	under-ascertain	<b>University</b> 1:15 2:3
tried 177:21 212:7	201:20 204:14	245:16,17 254:9	168:22	2:14,16 3:4,5
trifecta 312:21	206:6 207:18	255:15 257:1	under-recognized	297:19 317:16
trigger 256:2	210:18 212:2	261:16 266:20	315:8	unnecessary 231:6
triple 70:3 312:22	213:6 215:18	267:5 276:16		unpack 93:13
351:22 352:17	223:18 232:6	282:20 290:17,20	underlying 46:8	unpackability
<b>tripped</b> 330:1	251:16 257:17,18	293:6 294:12	63:1 322:3	92:19 95:2
tripping 357:18	272:12 276:20	309:16 312:16	understand 39:13	unpackable 92:22
trouble 44:7	286:5 300:19	320:19 323:15	41:4 44:16 45:18	93:2
199:17 200:18	305:15 307:13	324:16 331:3,20	71:12 77:19 80:20	unpacked 56:19
true 63:6 116:20	317:2,3,5 325:17	332:16 333:8,16	81:3 114:20 169:9	57:7
170:21 216:22	336:6	333:18,19,21	172:2 212:6,7	unpacking 93:11
			214:17 215:14	

	 [	 	 	 
95:14	142:8 143:13,16	59:2 148:19	342:18 344:17	79:5,5,8 109:6,15
unrecommended	146:13 151:8,15	222:19 245:6,17	variability 216:2	135:5 157:21
36:16	151:17 152:8	246:2 270:2	238:4	158:8 161:8,9
<b>unruly</b> 344:9	159:14 160:15	<b>validate</b> 73:10,14	variables 249:19	174:9,13,14
untested 36:16	170:12 171:9	validated 24:19	250:2 285:2 286:1	180:20 181:16,19
82:17	177:1 185:16	33:5 58:22 76:17	286:14	182:2 186:7,18
untreated 240:1	193:16 195:10	260:4 263:17	variation 123:1	190:9 191:19
update 197:9	199:3 203:9	318:20 319:12,21	160:6 213:12,17	193:8,9 195:1
updating 358:4	206:10 226:17	327:20	214:7 215:19	198:7,9,17
<b>upper</b> 285:3	227:6 229:19	validation 274:4	216:22 218:11,12	visitation 62:16
<b>uptake</b> 283:7	230:8,14 236:22	<b>validity</b> 6:11 9:2,15	variations 169:13	<b>visits</b> 74:19 79:7
<b>urban</b> 285:2	237:16,20 246:3	11:3 12:12 13:9	<b>varied</b> 223:12	80:9 158:2 170:20
<b>urgent</b> 133:15	247:1,9,13 248:21	13:16 14:12,19	varies 156:1	180:21 197:10
urinary 76:12	249:14 255:3,8	45:6 56:1 85:19	variety 112:13	199:19
usability 12:19	259:14 260:14	89:13 94:3 112:8	various 82:7	volunteering
104:2,15 113:3	264:3,6,11 273:7	114:5 131:2	177:16 222:4	341:21
138:1,3,10 151:7	278:18 289:13,21	134:12 136:9,22	246:16	<b>von</b> 167:8,9,12,14
151:10,12,15,16	295:4,6 303:14,17	137:4,7 139:4	vary 223:15	<b>vote</b> 11:19 14:12
229:19,22 230:2,8	303:17 305:14,16	148:16,17 150:8	vast 74:18 362:6	83:20 85:1 88:16
230:14 259:14,16	310:8,11,20 316:8	150:14,16 152:16	<b>vendor</b> 26:9,13	89:2 95:17 96:6
260:4,7,14 270:10	319:12 321:16	164:18,21 165:5	27:1,2,14,15,22	97:12,18,20 98:13
272:1 289:11,13	329:5 338:14	166:16,17 172:12	28:2,7,10,13 29:2	102:8,13 103:17
289:21 295:4,5	346:21 347:22	188:9 211:4,15,19	29:21 209:19	104:17 127:1
<b>usable</b> 42:8 93:7	350:13 351:10	217:7 219:21	vendor's 27:17	129:17 131:4
<b>usage</b> 143:8	352:4,6 362:4	220:1,6,19 221:8	<b>vendors</b> 16:5 17:3	133:5,19 136:22
use 4:5 7:9 8:7 9:3	<b>useful</b> 20:5 40:21	221:9 222:1,2	17:10,17,22 18:5	138:3,6,17,19
9:5 12:3,4,7 14:2	113:9 226:13	223:1 224:4,10,14	18:15 29:20 30:1	140:2,22 141:4
15:22 16:1,6	317:21 322:21	225:7,11,16	348:22 349:1	147:2,6,21 150:1
23:14,17 24:6,16	usefulness 219:4	226:16 227:8,14	verbal 82:4	151:13,19,22
24:19 30:19,20,20	users 46:14 248:8	227:20,22 228:8	<b>verify</b> 163:19	156:13,17 189:1,6
31:11,12 35:15	319:12	228:14 242:15	version 101:2	219:10,16 228:7
40:15 46:8 55:11	uses 351:7,19	245:2,4 251:12	versus 28:13 63:16	228:13 229:8,13
59:14,18 62:17	usual 84:10 139:9	252:5 258:5,7,10	63:17,18,18,18	230:11 233:1
63:2 66:4,10 69:9	140:13	278:12 284:8	93:9 143:10	235:14,15,17
72:18 80:17,22	usually 291:5	287:16,18 288:2,4	153:15 285:2,3,13	241:9,16 244:20
85:5 86:2,11,16	utility 209:14	294:16,19 316:12	316:1 327:20	244:20 258:5
89:19,21 93:8	<b>utilization</b> 31:10,19	325:6 352:8	339:20 350:1	259:7 260:16
98:16 104:2,15	42:1,19 43:1	valuable 313:21	Veteran's 2:4	268:2,3,4,7,8,16
105:9 107:17	236:9,20 243:2	value 22:16,17,20	vetted 18:2	287:17 290:1
108:22 110:2,6,19	utilized 39:20 76:3	23:4,19,21 24:5,8	viable 173:14	294:11,13,14,20
111:9,10 114:15	utilizers 204:1	24:12 25:9,12	Vice 2:8,10,13	294:22 295:4,5,7
114:21 115:1,7,15	209:9	62:11 69:21	vice-versa 24:6	295:9 300:22
115:17 118:12,13	utilizing 247:13	243:11 311:6,9,17	view 125:5 179:12	301:3 324:6 325:9
122:6 123:2,13	$\overline{\mathbf{v}}$	344:16	219:3 293:13	326:9 350:15
124:6,7 129:21		Vanita 2:19 225:9	visible 76:22	362:11
132:12,13,14	VA 47:4,8,13,16	307:8,9 313:9	visibly 324:13	voted 139:14
138:1,3,10 142:4	vague 44:3 68:16 valid 42:9 58:21	333:3 337:20,21	visit 23:1 34:7 71:2	229:15 241:21
	vanu 42.7 38.21			

	1			
305:9,12 326:10	294:12 360:22	279:2 280:1	209:3 217:19,20	53:11 54:7,19
326:21	<b>walk</b> 160:17 211:9	281:20 285:9	220:11 221:18	56:4 57:12 59:5
votes 133:4 228:13	279:12	288:8 290:14,17	224:16 226:8	60:16,16 62:18
230:11 294:13	<b>walking</b> 88:15,17	291:15 292:5	231:7 237:15	63:15 64:3,4 73:1
<b>voting</b> 11:15 94:9	<b>wall</b> 186:16	302:17 303:22	246:10 249:22	73:5,6,12,17 77:1
96:7 97:5,7,15,17	<b>Waller</b> 3:20 8:11	306:5 318:14	254:7 270:18	81:6,15 83:19
98:5,7 102:9,11	16:10 30:5,7	321:9 328:4	272:4 278:20	87:11 88:11 94:2
103:18,20 104:10	39:10 41:10 42:5	329:12 330:22	283:4 289:14	95:16 96:15 98:12
104:11,13 105:4,5	43:14 51:18 56:4	334:13 336:17	298:19 317:8	100:8 107:1,9,10
132:20,22 133:2	57:10 60:8,12	337:2 344:7,20	319:8 321:19	107:13,16 116:15
133:11,21 134:3,4	61:10,15,19 62:6	347:14 348:8	328:9 336:9 337:5	116:16 117:19
136:12,13,15,19	63:9 64:16 65:18	357:10 358:19	339:5,12 342:15	118:9 122:7
137:3,5,15,16,18	72:22 75:2 78:17	wanted 5:11 125:14	350:12 357:21	123:21,22 124:21
138:7,8 141:1,3	93:2 94:1,7 95:8	152:6,11 183:17	358:2 360:2,11	126:17 128:6,13
145:20,21 147:7	100:16 102:1	187:5 189:13	ways 6:4 25:22	128:14 129:11
147:22 150:3	105:10	243:19 278:7	47:9 127:11,22	133:3 139:14
151:2,3,14 152:1	want 8:14,15 10:5	335:18 344:2	166:5 182:6	140:3,22 148:2
156:15 188:13,15	11:12 12:16 16:18	wanting 183:4	212:16 255:1	156:3 158:14
188:18 189:2,3,8	17:12 18:10,11	wants 179:14	328:16 335:22	159:5,22 167:6,13
210:12 219:12,14	21:7 27:9 28:10	warranted 198:22	336:4 351:10	167:15 169:8
228:9,11 229:6,10	38:4 47:20 54:19	Washington 1:9	355:12	174:10 179:15,18
230:6,7,9 233:2,4	55:3,4 65:11	wasn't 39:15 40:5	<b>we'll</b> 6:13 7:19 8:2	188:4,11 190:4
235:21 236:1	67:18 68:15 73:19	72:12 84:7 106:11	8:3,5 9:8,11,16	196:7,19 197:11
240:21,22 241:2	80:14 81:19 82:3	116:9 212:11	15:19 49:3,5 63:9	197:15 201:20
241:17,19 242:7,8	83:21 84:5 90:6	222:8,12,15 243:6	63:10,21 96:20	202:2,5 207:18
244:16,18 258:6,8	90:22 91:2,8	258:17 279:9	97:10 104:1,16	209:6 211:22
259:9,10 260:12	94:21 98:9 99:16	326:22 338:5	111:21 116:3	212:1 214:12
260:17 261:1	100:1 104:20	watch 41:21	129:12 133:10	215:12,18 216:17
268:11,19 269:2,4	106:12 125:2,3	water 120:7 127:6	134:2 136:19	219:15 222:19
269:7,8,12,14	126:14 128:4,7	127:22 128:3,6	137:22 138:11	224:3,5 225:1
287:19 288:2	131:22 132:5	167:4 200:13	141:10,14,14,15	228:4 230:10
289:6 290:11	133:10 134:14	204:8	147:16,21 157:3	231:19 232:18
293:18 294:2,3,7	136:20 142:11	way 22:18,21 25:4	161:20 219:20	233:10 235:3,10
294:16 324:1,8	146:6 155:15	26:7 27:3 29:6	220:10 233:12	235:11,14 236:19
Voting's 260:10,22	165:16 166:18	33:17 34:2 43:17	245:1 259:13,22	239:17 241:20
287:20 289:18	170:22 177:14,14	49:11,21 61:5	268:14,18 269:11	242:21 244:19
290:5	180:9,20 184:9	62:7 67:17 72:22	291:19 314:17,21	257:12,14,15
<b>VP</b> 2:19	188:8 200:8,13	81:1,5 88:13 89:1	331:2 332:5	258:5 259:7 261:8
vulnerable 111:15	203:17 204:16	91:19 93:9 98:8	358:12 363:1	261:9 262:14,19
<b>vying</b> 209:18	206:2 208:3	101:6 110:3	<b>we're</b> 5:8 7:14,20	267:15 268:2
	209:18 219:6	122:21 126:22	7:22 8:6,19 9:22	271:16,17 274:14
<u>W</u>	224:13 231:1,5,10	128:7 129:1,14	10:12 11:18 15:17	275:2 277:15,16
wait 16:18 43:11	231:18,20 232:15	139:10 175:7,13	16:15 18:16 20:6	280:15 282:20
94:17,21	232:15,21 238:17	175:14 176:18	21:14,22 23:3,13	283:20,21 284:1
waiting 87:19	241:7,14 245:21	178:20 179:21	23:16,18 24:7	284:21 286:14,14
102:12 148:2	256:9 267:11	180:11 181:13	33:2 41:2 50:14	286:16 287:17
186:14,19 187:1	269:21 273:21	190:17 207:19	50:14,20 51:3,3	290:10 291:1,12
191:6 228:12				
	•	•	·	

202.17.204.22	254.10			252.16 250.1
293:17 294:22	354:12	wondered 39:10	works 16:16 37:20	253:16 259:1
295:14,18,18,19	weeks 254:9 276:17	wonderful 77:16	54:2 149:20	270:6 272:10
298:11 300:17,19	276:18,22 320:19	344:22 361:10	190:17 209:9	274:1 292:18
301:8 302:14	weigh 38:19	363:6,8	210:5 246:12	295:16,19 303:5
308:15 310:15	weight 36:18	wondering 44:15	356:3	311:18 313:4
317:6 319:19,20	welcome 4:3 5:3,5	44:18 45:1 65:16	world 54:7 61:3	year 13:19 18:14
323:15 324:5	5:7	67:3 80:22 116:11	80:4 81:15,16	70:15 179:17
325:7 334:12,18	well-defined 347:8	250:6 319:13	89:14 128:13	239:17 267:19
334:22 339:16	well-meaning	word 208:7 232:9	129:6,7 167:14	280:10 297:20
340:15 344:9,10	185:19	words 216:10	175:20 209:2	347:3
344:12,13 345:14	well-recognized	work 7:19 13:19	290:21 301:15	year-old 64:9
349:22 351:1	265:12	14:16 20:7 22:13	336:2 338:14	years 19:14,16
355:2 358:19	well-rounded	23:11 24:3 25:6	339:14	28:20 49:11 66:5
360:19,21	345:20	43:17 50:9 52:15	worried 78:10	94:13,17,18 175:4
we've 16:13,17	well-studied 36:11	66:7 68:6 77:22	82:15	179:16,18 205:15
18:4 21:4,14 24:4	wellness 2:14 79:5	86:17 89:15 98:19	worry 76:1 179:13	257:21 265:9
30:5 34:2 49:10	went 5:22 51:21	120:18 129:3	worse 112:15	279:4 280:6 282:6
49:17 55:15 59:7	125:17 141:18	130:15 139:3	worst 178:20	299:22 331:21
98:3 99:9,11	222:17 234:13	143:18 181:2	worth 113:17	334:16,19,20
102:21 116:13	335:9 363:18	182:7 193:2	210:12 267:17,19	<b>yes/no</b> 94:6
120:20 127:5,15	weren't 85:6	204:18 223:9	353:14 357:14	yesterday 5:12 7:8
133:14 134:10	164:22 198:13	227:18 238:7	worthwhile 336:12	7:19 18:21 24:18
141:10 153:18	326:19 343:19,21	246:22 247:6	<b>worthy</b> 17:19	84:1,7 99:8
157:12,20,20	<b>Wernher</b> 167:8,9	249:1 250:22	wouldn't 11:12	107:19 110:21
159:20 198:19	167:12,14	301:22 303:2,20	35:7 52:10 193:16	112:9,16 113:5
213:17 216:7	<b>whammy</b> 70:3	321:18 324:15	195:22 198:11	139:12,17 316:19
218:7,22 220:2	whatever's 129:7	325:18 326:4	226:13 256:9	335:14 356:11
223:7,12 226:10	whichever 33:1	341:10 349:7,8	281:20 345:7	York 318:3
229:21 230:22	34:10 70:17,17	354:20 358:5,11	<b>wow</b> 240:19	York-Presbyterian
289:13 296:7	<b>white</b> 63:18	361:16 363:12	wrap 70:22 232:13	1:15
299:11 300:5,7	whoever's 321:13	work/mental	wring 339:3	<b>young</b> 70:2
302:2 313:5	wide 160:6 303:8	345:16	write 58:12 341:19	7
314:13 318:2	widely 156:1	worked 18:5 36:20	writing 77:9	<u>Z</u>
320:18 323:16	278:19 279:17	36:22 49:17 321:1	written 19:7 82:11	<b>zero</b> 146:3,4 147:16
335:18,19 338:10	wife 52:10	worker 56:13	83:1 296:13	148:6 150:7,18
344:6 351:16	<b>willing</b> 125:19	101:15 209:9	wrong 294:3	151:18 255:20
360:11 361:14	<b>window</b> 179:16	workers 208:4	wrote 296:11	318:12
weakest 55:7	196:17 262:18	Workforce 2:4	<b>T</b> 7	<b>Zima</b> 3:7 333:6,6
<b>web-based</b> 304:17	275:4	workgroup 28:21	<u>X</u>	<b>zone</b> 136:19 137:9
304:18,19 306:6,7	windows 179:4	146:10	<b>Xanax</b> 298:21	137:22 138:20
306:11,20	wine 120:18 128:6	working 5:14 16:20	Y	139:21 140:6,7
<b>website</b> 263:22	wish 362:16	21:22 24:1 27:1		228:17 337:17
285:11,12	women 66:18 67:9	43:6,6 64:5 81:4	yeah 11:11 29:19	343:2 350:13
week 33:12 64:8	67:9,12 297:21,21	81:15 87:11 181:9	100:16 128:3	355:10 361:19
186:13 187:2	<b>wonder</b> 168:9	197:5,11 287:13	155:14 166:18	<b>zoned</b> 139:15
296:10 320:19	173:16 246:6	341:12 342:7	174:6 200:3 218:4	<b>zones</b> 343:7
341:10,12 350:22	357:14	360:18	220:2 226:9,15	<b>Zun</b> 3:9 16:4 17:21
			227:18 232:12	26:5 119:17
	ı			1

160 10 20 161 16	024 4 241 12	1664510016	2400.2	256 20 21 266 4
160:18,20 161:16	234:4 241:12	<b>16</b> 64:5 102:16	<b>24</b> 80:2	256:20,21 266:4
164:17 185:9	269:11,16 289:21	148:4,18 207:9	<b>24-month</b> 65:20	280:8 288:20
206:16 211:11	293:21 294:10,15	233:7 289:9 295:2	<b>25</b> 266:3,10,11	347:1
212:3 214:17	336:14 361:5	<b>17</b> 25:21 97:9 134:1	281:3,4 286:15	<b>30-day</b> 361:22
216:19 217:4,8	<b>1,000</b> 178:10	189:5 230:10	<b>2597</b> 8:3 96:17 97:9	<b>306</b> 148:15
220:4 228:19	<b>1,340</b> 247:14	289:21	97:19 98:14	<b>31</b> 143:10
231:18 257:7	<b>10</b> 104:15 137:7	<b>18</b> 73:21 134:6	102:16 103:22	<b>331</b> 4:12
304:4 332:12,13	217:9,10,15 277:5	146:2 147:15	104:15 105:7	<b>35.8</b> 146:11
0	312:11,17 313:2	149:8 205:15	<b>2599</b> 8:4 107:2,10	<b>350</b> 264:18
	<b>10,000</b> 297:21	237:2 259:12	133:7 134:1,6	<b>361</b> 4:14,16
0 96:18 97:9,10,20	<b>10:46</b> 141:18	261:20 286:15	136:18 137:7,17	4
97:20 102:17	<b>10:57</b> 141:19	288:5 313:2	137:20 138:10	<b>4</b> 77:2 96:9 102:16
104:1 134:2,7,7 136:17 188:21,22	<b>100</b> 47:16 178:13	<b>19</b> 156:18 219:15	141:7	
	214:12 216:16	242:10 244:22	<b>26</b> 286:15	103:22 104:1 188:21 224:1
189:6,6 214:12	217:15	258:10 288:1	<b>2600</b> 8:4 107:11	
216:16,16 217:15	<b>100,000</b> 237:21	294:19 295:6	145:22 146:1	245:1 259:12
219:20 241:13,13	<b>1030</b> 1:9	<b>1A</b> 177:13 239:20	147:8,15 148:4	288:5 295:6
241:14 242:2,3,11	<b>11</b> 73:14 133:8	2	150:6,17 151:7,17	<b>40</b> 38:17 138:21
242:11 245:1,1	137:21 277:5		156:18	343:14
259:13,13 260:15	<b>11:00</b> 141:13	<b>2</b> 1:6 5:7 73:8 77:2	<b>2601</b> 6:10	400 52:15
260:15 261:3	<b>12</b> 136:17 138:11	91:10 95:19 96:8	<b>2605</b> 8:5 107:10,11	<b>42</b> 218:19
269:6,11,11,17,17	151:6 208:11	96:11 97:19 98:16	156:21 188:16,20	<b>43</b> 238:13
288:1,2,5,5 289:9	248:11 252:18	102:17 104:16	189:5,10 219:19	<b>45</b> 207:14
289:10,22 290:8	256:21 261:10	105:8 137:7	228:15 229:17	5
294:2,6,6,7,11,11	262:1 264:1 280:5	138:10,11 219:20	230:14 233:6	<b>5</b> 4:3 72:6 91:9
294:16,16,19,20	280:8 281:3	229:18 260:15	<b>2620</b> 296:1	95:20 96:9,11,18
295:2,3,7,7,11	284:15 290:12,15	293:22 336:14	<b>27</b> 266:12	97:9 138:11 189:5
<b>0710</b> 290:9 293:20	291:22 292:3,6,8	359:5	<b>28</b> 299:22	219:19 229:17
294:2,4,5,10,15	292:11,14 293:11	<b>20</b> 97:19 105:8	<b>282</b> 244:3	230:14,15 289:21
294:18 295:2,6,11	293:19 301:8	133:3 148:19	<b>29</b> 148:18	<b>5.6</b> 264:21 265:2
<b>0711</b> 268:17 269:6	315:22 317:19,21	242:2 260:14	<b>2a1</b> 14:18	<b>5.0</b> 204:21 203:2 <b>50</b> 125:13 140:20
269:10,16 287:21	<b>12-month</b> 235:13	265:1 297:16	<b>2b1</b> 14:18	267:7 286:15
287:22 288:4	235:18	<b>20's</b> 280:7	<b>2b2.4</b> 221:22	
289:7,8,20 290:7	<b>12:38</b> 234:13	<b>20-some</b> 186:21		297:6 <b>51</b> 286:15
<b>0712</b> 236:10 241:1	<b>12:55</b> 234:14 235:2	<b>200</b> 178:6	3	<b>57</b> 148:21
241:14,18 242:2	<b>120</b> 178:6	<b>2011</b> 248:9 312:10	<b>3</b> 1:3 77:2 96:9,18	37 148:21
242:10 244:22	<b>13</b> 96:20 141:6	<b>2014</b> 1:6	98:15 134:1,6	6
258:10 259:12	229:17	<b>21</b> 143:10 241:12	137:8 224:1	<b>6</b> 137:8 189:10
260:14 261:4	<b>14</b> 103:22 150:7,17	269:10,16 294:15	228:15 230:15	233:7 295:2
1	151:17 189:10	<b>22</b> 96:16 146:16	242:2,11 258:10	6-month 235:13
1 4.2 5.2 17 76.9 21	<b>145</b> 186:5	208:15 261:3	288:1 294:19	<b>6.6</b> 239:15
14:3 5:3,17 76:8,21	<b>15</b> 33:12 65:6,15	269:6 294:2,10	<b>3-0</b> 345:6	<b>6.9</b> 265:6
77:1 91:9 95:19	72:7 101:9,10,12	308:20	<b>3:12</b> 363:18	<b>60</b> 74:6 122:3
96:8,11,19 104:16	219:19 266:12	<b>23</b> 47:14 241:9	<b>30</b> 154:15 159:8	230:18 339:9,10
133:8,8,9 134:1	301:16,18 313:2	290:8 294:6	161:8 171:21	343:14
136:17 137:20,21	<b>15-day</b> 362:11	295:11	184:9,12,13,18,22	60-day 262:18
189:11,11 216:16	<b>15th</b> 1:9	<b>233</b> 4:7	185:18 196:5	275:5
228:16 229:18		<b>236</b> 4:10	198:5,17 201:16	413.3
	•		•	•

			Page	410
<b></b>	I	1		
<b>65</b> 286:15				
<b>65.6</b> 238:3				
<b>68</b> 237:21 248:17				
<b>6th</b> 362:12				
7				
<b>7</b> 4:5 133:7 289:9				
<b>70</b> 122:3 175:5				
248:18				
<b>72</b> 64:9 252:2				
<b>74</b> 218:18				
<b>75</b> 69:8 148:20				
248:12 252:2				
297:7				
<b>756</b> 148:14				
<b>77</b> 143:15				
<b>78</b> 248:14				
<b>7th</b> 362:1				
8				
<b>8</b> 98:15 136:17				
137:21 141:6				
218:16 228:15				
230:15				
<b>8:30</b> 1:10				
<b>8:31</b> 5:2				
<b>80</b> 69:8 218:19				
280:21				
<b>80,000</b> 243:1				
264:18				
<b>81</b> 248:11 287:9				
<b>83</b> 247:17,20				
<b>84</b> 248:15				
<b>846</b> 243:3,5				
<b>85</b> 52:14				
<b>86,000</b> 258:19,20				
<b>88</b> 244:6,6				
<b>89</b> 244:8				
8th 326:18 362:2				
9				
L	•	•	•	

## <u>C E R T I F I C A T E</u>

This is to certify that the foregoing transcript

In the matter of: Behavioral Health Phase 3

Standing Committee Meeting

Before: NQF

Date: 10-02-14

Place: Washington, DC

was duly recorded and accurately transcribed under my direction; further, that said transcript is a true and accurate record of the proceedings.

Court Reporter

Mac Nous &