



## Value Set Harmonization

*DRAFT REPORT*

*February 2016*

This report is funded by the Department of Health and Human Services under contract HHSM-500-2012-000091 Task Order HHSM-500-T0015.

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## Executive Summary

The national shift toward interoperable electronic health records (EHRs) enables the calculation and reporting of innovative quality measures that address critical performance and measurement gaps. The electronic ability to clearly and consistently identify patients with specific conditions or interventions, in a given population or setting, is especially important for patient-centered, longitudinal and meaningful healthcare improvement. However, to meet this promise, measure development needs electronic clinical data standards and reusable “building blocks” of code vocabularies to ensure measures can be consistently and accurately implemented across disparate systems. These coded vocabulary groups, known as “value sets,” provide definitions of the data elements necessary to calculate Clinical Quality Measures (CQMs). A value set consists of unique codes and descriptions, drawn from standard vocabularies such as the Systematized Nomenclature of Medicine – Clinical Terms (SNOMED-CT®) and the International Classification of Diseases – Version 10 (ICD-10-CM), which are used to define specific clinical concepts (e.g., patients with diabetes, clinical visit).

Part of facilitating reliable and interoperable clinical quality measurement is the unification and harmonization of these value sets, meaning that data elements used in a measure’s specifications are grouped into value sets in that align with the category of their intended use. For example, a measure that assesses the quality of care of patients with diabetes, would contain value sets that represent the various diagnoses of diabetes (e.g., “Diagnosis, Active [Diabetes Mellitus]”).<sup>1</sup> Since the publication of Stage 2 of Meaningful Use in the EHR Incentive Program, more than 250 issues were reported by vendors and stakeholders regarding the data elements and associated value sets, such as a significant number of them seemed to be redundant or were overlapping with other, similar value sets. As a result, there became a need to make value sets complete, clinically correct, up-to-date, and non-duplicative as an essential part of a reliable and valid process for measure development and maintenance.

In 2015, NQF undertook a project to identify methods of harmonizing these duplicative and/or overlapping value sets. NQF defines value set harmonization as the process by which unnecessary or unjustifiable variance will be eliminated from common value sets in Electronic Clinical Quality Measures (eCQMs) by the reconciliation and integration of competing and/or overlapping value sets. NQF also examined potential governance models that would oversee the value set development and maintenance process in order to reduce the number of duplicative value sets and establish a standard of high quality of future value set development.

### Methodology and Pilot Tests

To begin this work, NQF developed and followed a structured methodology to begin to examine value sets that were duplicative with other, similar value sets, and to begin to develop governance models in which harmonization could be enforced in the future. To assist in this process, NQF established two multistakeholder committees that would provide guidance, technical expertise and recommendations to

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<sup>1</sup> National Quality Forum. Phrasebook. A plain language guide to NQF jargon. 2013. Available at: <http://public.qualityforum.org/NQFDocuments/Phrasebook.pdf>. Accessed on: January 16, 2014.

the harmonization and governance strategies, as well as assisting in developing an implementation strategy for the recommendations once the project was completed. The first committee was a Value Set Committee (VSC), which consisted of experts from across the measure development, health information technology and informatics sectors that had significant experience in both the development and use of value sets within eCQMs as well as the data elements within EHRs. The second committee was a Technical Expert Panel (TEP), which consisted of providers, consultants, measure developers and informatics specialists that were responsible for piloting the activities recommended by the VSC. NQF also undertook analysis to develop three pilot tests that would be conducted by the TEP around medications, behavioral health diagnoses and clinical encounters to identify methods for value set harmonization. NQF examined a cohort of Stage 2 Meaningful Use quality measures from both Eligible Professionals (EPs) and Eligible Hospitals (EHs) that represented some of the most frequently reported measures since the beginning of the Meaningful Use program that aligned with the three clinical areas of focus. NQF analyzed each of the measures to determine the degree of potential duplication between the value sets. Additional details on each of the pilot tests are available in the report.

#### Governance Models

In addition to developing and conducting three pilot tests to explore possible methods of harmonization, both NQF and the VSC also explored governance models to oversee the development of value sets; establish ways to encourage the use of high quality and harmonized value sets; and to examine the NQF endorsement process of quality measures to determine how to enforce the use of high quality value sets. Details on the governance models reviewed and discussed by the Committee are available in the full report. Each proposed governance model incorporated the following core elements:

The definition and use of high quality value sets.

A methodology for the development of high quality value sets.

Core principles to maintain high quality value sets.

Means of encouraging high quality and harmonized value sets.

The relationship between value sets and measure development.

How the NQF endorsement process can be used to facilitate the use of high quality value sets and harmonization.

Ensure that the use of high quality value sets within quality measures is reflected in CMS programs.

Ultimately, the decision of the VSC was to let NQF oversee and enforce the governance process regarding the review and use of value sets within quality measures. While this is not considered a permanent solution, it represents a temporary process that can be incorporated into the NQF measure review as part of its consensus development process.

## Conclusion

The approach formulated by NQF to harmonize redundant or overlapping value sets, provided a foundation to devise an evaluation process to strengthen the overall content within the Value Set Authority Center (VSAC) as well as within quality measures. However, there were a number of areas that warrant further exploration as well as discussion in order to develop a standard methodology for harmonization as well as a consensus-based governance process to oversee these efforts. Some of the conclusions reached during this project include:

*There are inherent difficulties in moving from an extensional to an intentional value set.* While the overall intent of moving from a group of codes associated with a clinical area to one that is more algorithmically defined was proposed as a potential harmonization method, the approach posed a number of challenges. Some of the final discussions of the VSC concluded that perhaps the first step is to determine if the extensional value set sufficiently satisfies the logic of the quality measure adequately so that using an intentional value set is not needed.

*There are varied approaches to value set harmonization.* While NQF attempted to work with the VSC to develop a structured and standardized process to harmonize value sets, it proved difficult to accomplish. The variation amongst the use of value sets within quality measures, as well as reaching concurrence as to whether the value set was not distinct enough from other similar ones that harmonization was warranted, led to a fluid process that was difficult to formalize. It was eventually concluded that attempting to develop a “one-size-fits-all” harmonization approach would be difficult to develop and implement and the process may vary based on the types of value sets.

*An examination of value set versioning may be an approach to reduce duplicative and/or overlapping value sets.* Rather than attempt to develop a standard methodology to harmonize duplicative value sets, and vary that approach depending on the type and content of the value set, another alternative was proposed. The VSAC lists the most recent version of a value set which is inclusive of the most current terminology that reflects the clinical concept of the value set. The versioning is used mainly for maintenance of a value set to ensure it is updated as needed and to keep both the code system and the value set in sync. It does not, however, reflect a semantic harmonization of all value sets that reflect a singular clinical concept. Using versioning within the VSAC to harmonize similar value sets may be a method to replace ones that are duplicative and/or overlapping. Additionally, a value set that has limited utility or relevancy to a quality measure, or may contain codes that are no longer valid to the measure logic may be considered expired, and could be designated as such from the VSAC and no longer used in a quality measure, but may be used for historical reference. This may potentially reduce the amount of value sets and thereby may eliminate those that are duplicative.

*Using smaller and modular value sets is a preferred approach.* Developing smaller value sets that are built of independent components that can be connected into a quality measure potentially promote a more efficient method to their development. Modularity promotes greater innovation in the design of value sets, in addition to creating flexibility to allow for changes in both terminology and clinical science that may affect a quality measure. Additionally, the use of a modular approach mitigates the need to

create numerous extensional value sets that may be duplicative of one another, while fostering an ecosystem in which they are reusable across a large cadre of quality measures.

Changes to the VSAC may be needed to support harmonization. While the VSAC has considerably evolved in terms of functionality and support for value sets since its initial release, there is additional functionality needed in order to potentially realize harmonization efforts. Some of the recommendations from the VSC included: checking a value set against a set of technical criteria to determine if there are errors in the underlying terminology; checking the that the metadata within the value set is both complete and correct; creating a process to interact with value set stewards when a change is needed due to an update in terminology; creating a function to challenge a value set and offer space to identify the specific reasons for the challenge (i.e., similar to already existing value sets, use of inappropriate code systems, etc.) as well as offer a function to adjudicate the challenge once it has been resolved; offering a set of tools allowing developers to query the VSAC for existing value sets by clinical concept, meta data, type of quality measure it was included into and others; and offering a method to see how a value set progresses from draft to published status.

Specialty societies must become involved in value set harmonization efforts. NQF will be designated as the initial reviewer of value sets to determine feasibility and suitability for inclusion into quality measures based on the criteria recommended by the VSC. However, specialty societies should review the content and coding of value sets that align with their clinical focus to determine whether it is appropriate and of high quality, and to determine if such as value set would replace those that are similar within the VSAC. They would provide the best expertise to evaluate value sets for their quality, in addition prior to the feasibility of including them into a quality measure. It is important the discussions take place to determine how the specialty societies can fill this current gap and effectively and efficiently take over their review in attempt to potentially clean up the existing content within the VSAC as well as setting a standard for future direction.

## Introduction

The national shift toward interoperable electronic health records (EHRs) enables the calculation and reporting of innovative quality measures that address critical performance and measurement gaps. The electronic ability to clearly and consistently identify patients with specific conditions or interventions, in a given population or setting, is especially important for patient-centered, longitudinal and meaningful healthcare improvement. However, to meet this promise, measure development needs electronic clinical data standards and reusable “building blocks” of code vocabularies to ensure measures can be consistently and accurately implemented across disparate systems. These coded vocabulary groups, known as “value sets,” provide definitions of the data elements necessary to calculate Clinical Quality Measures (CQMs). A value set consists of unique codes and descriptions, drawn from standard vocabularies such as the Systematized Nomenclature of Medicine – Clinical Terms (SNOMED-CT®) and the International Classification of Diseases – Version 10 (ICD-10-CM), which are used to define specific clinical concepts (e.g., patients with diabetes, clinical visit). In current programs using EHR data, concepts such as medications, diagnoses, and procedures are addressed, in part, as Data Elements (DE) – the pieces of information to be collected as part of a measure, or as a Common Data Element (CDE), which is a data element found in multiple data sets across different measures. Value sets are the list of possible coded values for a DE or CDE.

Part of facilitating reliable and interoperable clinical quality measurement is the unification and harmonization of these data elements and value sets, meaning that data elements used in a measure’s specifications are grouped into value sets that align with the category of their intended use. For example, a measure that assesses the quality of care for patients with diabetes, would contain value sets that represent the various diagnoses of diabetes (e.g., “Diagnosis, Active [Diabetes Mellitus]”).<sup>2</sup> Since the publication of Stage 2 of Meaningful Use in the EHR Incentive Program, more than 250 issues were reported by vendors and stakeholders regarding the data elements and associated value sets, such as a significant number of them seemed to be redundant or were overlapping with other, similar value sets. As a result, there became a need to make value sets complete, clinically correct, up-to-date, and non-duplicative as an essential part of a reliable and valid process for measure develop and maintenance.

In 2010, the National Quality Forum (NQF) published a report funded by HHS addressing the growing concerns of duplicate or overlapping performance measures.<sup>3</sup> During that project, NQF convened a group of technical experts including measure developers with the goal of developing a set of recommendations on how to minimize and prevent measures that were duplicative or overlapping in intent and/or specifications. The report recommended that developers be intentional when duplicating or creating overlapping data elements and code sets (i.e., only develop new codes sets when absolutely necessary). While these recommendations serve as guidance to developers, there lacked a consistent

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<sup>2</sup> National Quality Forum. Phrasebook. A plain language guide to NQF jargon. 2013. Available at: <http://public.qualityforum.org/NQFDocuments/Phrasebook.pdf>. Accessed on: January 16, 2014.

<sup>3</sup>National Quality Forum (NQF), *Guidance for Measure Harmonization: A Consensus Report*, Washington, DC: NQF; 2010.

process to facilitate harmonization. Most developers indicated that overlapping or identical measures and code sets are first identified when measures are submitted to NQF for endorsement — which is very late in the development process and very costly to correct.

In August 2012, the National Library of Medicine (NLM) took on the role of performing validity checking for codes contained in value sets published with Stage 2 of Meaningful Use Electronic Clinical Quality Measures (eCQMs). As a result of this activity, NLM discovered that one fifth of all codes in the proposed MU measures from the Measure Authoring Tool (the online resource that allows developers to turn a measure concept into the specific format in which the eCQMs are published) could not be validated. In response, NLM began publishing value set content for Meaningful Use in October 2012 through its Value Set Authority Center (VSAC), and has since expanded the content of the VSAC to include research content, drafts of measures still under development, and even an internal platform content created by EHR vendors. VSAC is intended to serve as the authoritative source of value sets for performance measurement and other uses regardless of data source. While this is the first time that value sets can be identified and compared across developers and users, what is still missing is the correction and curation of previously created or new value set content that is duplicative, clinically incorrect, incomplete, or not aligned with its intent or use.

At this time, the VSAC stores many duplicate value sets including some with 100% code overlap. Users have expressed confusion about the reason for multiple identical value sets and authors admit they often created duplicates in the past because of lack of visibility of other authors' value sets and the fact that that reuse was, in the Measure Authoring Tool, more difficult than simply creating new value sets. For example, there are already 39 value sets that deal with patient death or expiration, but few contained a description that matched the content and several were constructed with codes that would not capture the desired content.

As a result, a process is needed to ensure that duplication of value sets is minimized using input from multiple stakeholders to ensure that all needs are met and clear ground rules are developed around the use of harmonized value sets in performance measures. If this level of harmonization could be achieved, it would reduce the investment of time and resources into unnecessary value set development and curation, improve interoperability and standardization of measures of health care quality and efficiency, and promote more reliable and valid measurement across providers, patient populations and settings. In 2015, NQF was tasked to develop both a harmonization process and a governance model that would oversee the appropriate use of value sets in quality measures as well as the development of new value sets.

NQF defines value set harmonization as the process by which unnecessary or unjustifiable variance will be eliminated from common value sets in eCQMs by the reconciliation and integration of competing and/or overlapping value sets and to provide a basis of gap analysis and for examination of face validity of value sets. The benefits and value of harmonization are numerous and include:



- *Aiding the measure development process* – standardized processes and groupings of value sets can improve the quality, consistency, and speed at which new measures can be developed.
- *Providing an important “building block” for longitudinal, person- centered care* – value sets should provide important piece of the foundation needed for a person-centered view of care across providers and setting of care by establishing consistent code-based definitions for disease and patient categorization.
- *Provides a foundation for harmonizing other measure components* – establishes processes and guidance that can be applied to harmonizing other measure components such as data elements and measure logic statements.
- *Accelerate the measure development process* – harmonizing these measure components will reduce the time and effort required when harmonizing competing measures.
- *Improving the quality of content in the VSAC* - keeps the content in the VSAC more relevant and unambiguous and reduces information overload for VSAC users.
- *Simplifying reporting of eQMs via EHRs* – harmonized value sets can provide standardized data elements to EHR developers/vendors.
- *Facilitating more efficient measure implementation and harmonization* –endorsed measures developed with harmonized value sets can be implemented in a variety of health care settings and generate better, more comparable data on health care quality.
- *Expediting measure endorsement* - by allowing the evaluation of related and competing measures during the measure harmonization process to focus on issues other than coding differences.

NQF began to undertake this work by developing a methodology that would guide the harmonization process.

## Methodology

To begin this work, NQF developed and followed a structured methodology to begin to examine value sets that were duplicative with other, similar value sets, and to begin to develop governance models in which harmonization could be enforced in the future. To assist in this process, NQF established two multistakeholder committees that would provide guidance, technical expertise and recommendations to the harmonization and governance strategies, as well as assisting in developing an implementation strategy for the recommendations once the project was completed. The first committee was a Value Set Committee (VSC), which consisted of experts from across the measure development, health information technology and informatics sectors that had significant experience in both the development and use of value sets within eQMs as well as the data elements within EHRs. The second committee was a Technical Expert Panel (TEP), which consisted of providers, consultants, measure developers and informatics specialists that were responsible for piloting the activities recommended by the VSC. A list of the individuals within both the VSC and TEP can be found in Appendix A.

## Pre-Work Analysis – Eligible Providers

NQF undertook some pre-work analysis prior to convening both the VSC and TEP. This purpose of the analysis was twofold: to begin to establish a framework for analysis of duplicative value sets that would guide discussions with the VSC and to understand some of the reasons for why particular value sets associated with specific clinical vocabularies, such as SNOMED-CT, RxNorm and others exist. NQF examined a cohort of Stage 2 Meaningful Use quality measures from both Eligible Professionals (EPs) and Eligible Hospitals (EHs) that represented some of the most frequently reported measures since the beginning of the Meaningful Use program. The analysis began by first examining EP measures provided by the National Library of Medicine as shown in Table 1.

*Table 1: List of EP Meaningful Use Measures Used in the Pre-Work Analysis*

CMS #	NQF#	Measure Title
160v3	0712	Depression Utilization of the PHQ-9 Tool
159v3	0710	Depression Remission at Twelve Months
2v4	0418	Preventive Care and Screening: Screening for Clinical Depression and Follow-Up Plan
69v3	0128	Preventive Care and Screening: Body Mass Index (BMI) Screening and Follow-Up
169v3	0110	Bipolar Disorder and Major Depression: Appraisal for alcohol or chemical substance use
177v3	1365	Child and Adolescent Major Depressive Disorder (MDD): Suicide Risk Assessment
161v3	0104	Adult Major Depressive Disorder (MDD): Suicide Risk Assessment
68v4	0419	Documentation of Current Medications in the Medical Record

NQF analyzed each of the measures to determine the degree of potential duplication between the value sets. To accomplish this, NQF utilized the Jaccard Index, which is a statistic used for comparing the similarity and diversity of sample sets. This method was first developed for value set comparison by Winnenber and Bodenreider, who did pairwise comparisons by calculating the similarity of two value sets from the same code system<sup>4</sup>. Two value sets were considered similar if they both contain the same valid code representing a similar value. In their analysis, a Jaccard score of .9 or above indicated a high

<sup>4</sup> Winnenber, R & O. Bodenreider. "Issues in Creating and Maintaining Value Sets for Clinical Quality Measures." National Library of Medicine, National Institutes of Health. Bethesda, MD. 988-996.

degree of similarity, which implied that they shared a large number of codes and were potentially redundant.

The NQF analysis used a lower index number (.49) so that a larger number of value sets could be examined to determine if duplication was present with a lower Jaccard score. Furthermore, under the direction of the Office of the National Coordinator for Health IT (ONC), NQF eliminated all ICD-9 and ICD-10 CM codes from the analysis and focused on specific clinical terminologies, such as SNOMED-CT and Logical Observation Identifiers Names and Codes (LOINC), among others. The quality measures for Eligible Providers focused on Depression, Diabetes and Tobacco Cessation. Following this methodology, NQF identified a number of Depression measures that fit the criteria, and then turned to the parent value sets of each measure and compared those to the Jaccard score. The results of this analysis are shown in Table 2.

*Table 2: Results of Jaccard Analysis of EP Meaningful Use Measures*

Jaccard Score	Value Set 1	Value Set 2
<b>0.49</b>	Depression diagnosis	Major Depression Including Remission
<b>0.53</b>	Depression Screening Denominator Encounter Codes New	Medications Encounter Code Set
<b>0.56</b>	Depression diagnosis	BH Condition Involving Unipolar Depression
<b>0.58</b>	Depression diagnosis	Major Depressive Disorder-Active
<b>0.58</b>	Depression Screening Denominator Encounter Codes New	BMI Encounter Code Set
<b>0.69</b>	Depression Screening Denominator Encounter Codes New	BMI Encounter Code Set
<b>0.74</b>	Major Depression Including Remission	BH Condition Involving Unipolar Depression
<b>0.78</b>	Bipolar Diagnosis	BH Condition Involving Bipolar Disorder
<b>0.78</b>	Major Depressive Disorder-Active	Major Depression Including Remission
<b>0.78</b>	Major Depressive Disorder-Active	BH Condition Involving Unipolar Depression

Jaccard Score	Value Set 1	Value Set 2
<b>0.79</b>	Bipolar Disorder	BH Condition Involving Bipolar Disorder
<b>0.95</b>	Bipolar Disorder	Bipolar Diagnosis

Each of these parent value sets was present in a number of measures that met NQF's initial criterion. In Table 3, the measures that contained the value sets that potentially had duplication are shown.

*Table 3: Potential Duplication of Value Sets in EP Meaningful Use Measures*

Jaccard Score	Value Set 1	Measures	Value Set 2	Measures
<b>0.49</b>	Depression diagnosis	CMS2v4	Major Depression Including Remission	CMS159v3 CMS160v3
<b>0.53</b>	Depression Screening Denominator Encounter Codes New	CMS2v4	Medications Encounter Code Set	CMS68v4
<b>0.56</b>	Depression diagnosis	CMS2v4	BH Condition Involving Unipolar Depression	CMS169v3
<b>0.58</b>	Depression diagnosis	CMS2v4	Major Depressive Disorder-Active	CMS161v3 CMS177v3
<b>0.69</b>	Depression Screening Denominator Encounter Codes New	CMS2v4	BMI Encounter Code Set	CMS69v3
<b>0.74</b>	Major Depression Including Remission	CMS159v3 CMS160v3	BH Condition Involving Unipolar Depression	CMS169v3
<b>0.78</b>	Bipolar Diagnosis	CMS2v4	BH Condition Involving Bipolar Disorder	CMS169v3
<b>0.78</b>	Major Depressive Disorder-Active	CMS161v3 CMS177v3	Major Depression Including Remission	CMS159v3 CMS160v3

Jaccard Score	Value Set 1	Measures	Value Set 2	Measures
<b>0.78</b>	Major Depressive Disorder-Active	CMS161v3 CMS177v3	BH Condition Involving Unipolar Depression	CMS169v3
<b>0.79</b>	Bipolar Disorder	CMS160v3 CMS159v3	BH Condition Involving Bipolar Disorder	CMS169v3
<b>0.95</b>	Bipolar Disorder	CMS160v3 CMS159v3	Bipolar Diagnosis	CMS2v4

NQF utilized the United States Health Information Knowledgebase (USHIK) to decompose the parent value sets into sub-value sets and then examined each of them to identify potential areas of duplication. There were a couple of general observations made in this analysis.

1. In most cases, there was a significant amount of overlap between SNOMED-CT and ICD 9 and 10. Because the focus of this effort was only on specific terminologies, NQF did not delve deeply into what measures were closely aligned, but it did seem that harmonization was needed between these divergent code sets.
2. In a number of cases, the same sub-value was repeated frequently, which indicated that this particular value set was often used and had been accepted as a standard that was applied repeatedly across measures.

The analysis also showed a number of sub-value sets within SNOMED-CT that were associated with the measures that were very similar in concept, but the value set names were phrased or worded differently, it was difficult to ascertain the rationale as to why these value sets were different, which is why some of them were considered potential candidates for harmonization. In Table 4, a representative sample of some of the potential overlapping sub-value sets are shown.

*Table 4: Potential Overlapping Value Sets within a Grouping Value Set in EP Meaningful Use Measures*

SNOMED-CT Code	Subvalue Set 1	SNOMED-CT Code	Subvalue Set 2
<b>191616006</b>	Recurrent Depression (disorder)	66344007	Recurrent Major Depression (disorder)
<b>192080009</b>	Chronic depression (disorder)	2618002	Chronic recurrent major depressive disorder (disorder)
<b>320751009</b>	Major depression, melancholic type (disorder)	319768000	Recurrent major depressive disorder with

			melancholic features (disorder)
<b>30605009</b>	Major depression in partial remission (disorder)	33135002	Recurrent major depression in partial remission (disorder)
<b>191610000</b>	Recurrent major depressive episodes, mild (disorder)	87512008	Mild major depression (disorder)
<b>18818009</b>	Recurrent major depressive episodes, moderate (disorder)	832007	Moderate major depression (disorder)
<b>8411005</b>	Interactive individual medical psychotherapy (regime/therapy)	18512000	Individual psychotherapy (regime/therapy)

#### Pre-Work Analysis – Eligible Hospitals

In addition to the pre-work analysis completed on the EP measures, NQF also focused on the following Stroke and Venous Thromboembolism (VTE) measures for Eligible Hospitals (EH) as shown in Table 5.

*Table 5: Stroke and VTE EH Meaningful Use Measures*

CMS#	NQF#	Measure Title
<b>71v4</b>	0436	Stroke-3 Ischemic stroke – Anticoagulation Therapy for Atrial Fibrillation/Flutter
<b>72v3</b>	0438	Ischemic stroke – Antithrombotic therapy by end of hospital day two
<b>91v4</b>		Ischemic stroke – Thrombolytic Therapy
<b>102v3</b>	0441	Ischemic or hemorrhagic stroke – Assessed for Rehabilitation
<b>104v3</b>	0435	Ischemic stroke – Discharged on anti- thrombotic therapy
<b>105v3</b>	0439	Ischemic stroke – Discharged on Statin Medication
<b>107v3</b>	0440	Ischemic or hemorrhagic stroke – Stroke education
<b>73v3</b>	0373	VTE Patients with Anticoagulation Overlap Therapy
<b>CMS108v3</b>	0371	Venous Thromboembolism (VTE) prophylaxis
<b>CMS109v3</b>	0374	VTE Patients Receiving Unfractionated Heparin (UFH) with Dosages/Platelet Count Monitoring by Protocol (or Nomogram)
<b>CMS110v3</b>	0375	VTE discharge instructions
<b>CMS114v3</b>	0376	Incidence of potentially preventable VTE
<b>CMS190v3</b>	0372	Intensive Care Unit (ICU) VTE prophylaxis

NQF examined all of the value sets associated with the measures and noted a number of issues relating to duplicating codes. Specifically, the two value sets shown in Table 6 were completely identical, with no unique codes.

*Table 6: Identical Value Sets for EH Meaningful Use Measures*

Object Identifier (OID)	Value Set Name
<b>2.16.840.1.113883.3.117.1.7.1.473</b>	Medical Reason
<b>2.16.840.1.113883.3.117.1.7.1.412</b>	Medical Contraindication

Additionally, the value sets identified in Table 7 showed significant overlap and redundancy.

*Table 7: Overlapping Value Sets for EH Meaningful Use Measures*

Object Identifier (OID)	Value Set Name
<b>2.16.840.1.113883.3.117.1.7.1.</b>	VTE Confirmed – SNOMED-CT extensional
<b>2.16.840.1.113883.3.117.1.7.1.264</b>	Obstetrics VTE grouping
<b>2.16.840.1.113883.3.117.1.7.1.279</b>	VTE grouping

Within this analysis, a number of issues were specifically identified within the value sets:

- Obstetrics SNOMED-CT codes are found in “VTE Confirmed” and not found in the “Obstetrics VTE” grouping
- The “Venous Thromboembolism” grouping is 100% duplicative with “Obstetrics VTE” grouping and “VTE Confirmed”
- Approximately 15 SNOMED-CT codes overlap in all three value sets
- Approximately 19 SNOMED-CT codes overlap in two value sets

Furthermore, a number of the medications found in the value sets for both Stroke and VTE, as shown in Table 8, were either missing values, were duplicative of other value sets or had no dosage information.

*Table 8: Medication Value Sets for EH Meaningful Use Measures*

Object Identifier (OID)	Value Set Name
<b>2.16.840.1.113762.1.4.1021.7</b>	Statin specific

Object Identifier (OID)	Value Set Name
<b>2.16.840.1.113762.1.4.1021.8</b>	Antithrombotic specific
<b>2.16.840.1.113762.1.4.1021.9</b>	Anticoagulant specific
<b>2.16.840.1.113762.1.4.1021.10</b>	Warfarin only
<b>2.16.840.1.113762.1.4.1021.12</b>	Low Molecular Weight Heparin for VTE prophylaxis ingredient specific
<b>2.16.840.1.113883.3.117.1.7.1.200</b>	Anticoagulant therapy extensional
<b>2.16.840.1.113883.3.117.1.7.1.201</b>	Antithrombotic therapy extensional
<b>2.16.840.1.113883.3.117.1.7.1.266</b>	Parenteral Anticoagulant extensional
<b>2.16.840.1.113883.3.666.5.626</b>	Aspirin extensional
<b>2.16.840.1.113883.3.117.1.7.1.211</b>	Injectable Factor Xa Inhibitor for VTE Prophylaxis extensional

Some of the specific issues identified during the pre-work analysis for these medication value sets included:

- “Statin specific” lists medication names, but no dosages
- “Antithrombotic specific” is duplicative with “Antithrombotic therapy” but dosage information is not included in “Antithrombotic specific”
- “Antithrombotic specific” and “Anticoagulant specific” are almost entirely duplicative
- “Warfarin only” includes no dosage information
- “Antithrombotic therapy” is missing many aspirin products found in “Aspirin”
- “Injectable Factor Xa Inhibitor for VTE Prophylaxis” is missing some same type drugs found in “Parenteral Anticoagulant”

NQF also undertook analysis that mirrored the Winnenberg and Bodenreider methodology that assessed the quality of value sets in clinical quality measures. The specific emphasis was on the completeness of the value sets, in that all of the relevant codes for a particular data element were included, and correctness, in that a value set should contain only the relevant codes for a particular data element.

- Completeness – NQF took a *prima facie* look at each of value sets to determine if a complete list of all value sets that corresponded to the measure were present. Based on this high-level analysis, which included examining the measure definition, numerator and denominator, NQF determined that no additional value sets were needed in any of the analyzed measures.



- **Correctness** – Additionally, after evaluating many of the sub-value sets within each parent set, it was also determined that NQF did not see any particular code that was incorrect, as many of them were replicated across measures.

While this analysis was not conclusive, and did not include any input from either the TEP or the VSC, NQF was initially able to conclude the following:

- There needs to be additional analysis to determine the levels of granularity between sub value sets to determine how atomic or detailed they need to be before harmonization occurs.
- A methodology needs to be created to determine how to harmonize a sub value set between SNOMED-CT –CT and other clinical vocabularies when there is overlap or redundancy.
- There needs to be more detailed alignment between the value sets and the measure definition to ensure both consistency (with value sets across measures) and congruency (value sets align with the measure specifically to ensure correctness).

## Results

To accomplish these objectives, NQF developed three pilot tests with the VSC that examined issues of harmonization across medication, diagnosis and encounter value sets. Each of the pilot tests would include a small set of value sets that met the same criteria as the pre-work analysis: the Jaccard score must be .49 or above to indicate a possibility of duplication that could be explored, and that those conducting the pilot tests would not consider ICD-9 or ICD-10 CM codes at this time.

## Medication Value Sets

The first pilot test focused on examining medication value sets associated with acute myocardial infarction (AMI) and its potential overlap with value sets associated with venous thromboembolism (VTE). The worksheet used for this pilot test is found in Appendix B. Specifically, NQF asked TEP members to focus on the specific measures shown in Table 9.

*Table 9: Quality Measures Used for Medication Pilot Test Analysis*

CMS#	NQF#	Measure Title	Measure Intent
<b>100v4</b>	0142	Aspirin Prescribed at Discharge	Acute myocardial infarction (AMI) patients who are prescribed aspirin at hospital discharge
<b>190v4</b>	0372	Intensive Care Unit Venous Thromboembolism Prophylaxis	This measure assesses the number of patients who received VTE prophylaxis or have documentation why no VTE prophylaxis was given the day of or the day after the initial admission (or transfer) to the Intensive Care Unit (ICU) or surgery end date for surgeries that start the day of or the day after ICU admission (or transfer).

CMS#	NQF#	Measure Title	Measure Intent
108v4	0371	Venous Thromboembolism Prophylaxis	This measure assesses the number of patients who received VTE prophylaxis or have documentation why no VTE prophylaxis was given the day of or the day after hospital admission or surgery end date for surgeries that start the day of or the day after hospital admission.
114v4	0376	Incidence of Potentially-Preventable Venous Thromboembolism	This measure assesses the number of patients diagnosed with confirmed VTE during hospitalization (not present at admission) who did not receive VTE prophylaxis between hospital admission and the day before the VTE diagnostic testing order date.
73v4	0373	Venous Thromboembolism Patients with Anticoagulation Overlap Therapy	This measure assesses the number of patients diagnosed with confirmed VTE who received an overlap of parenteral (intravenous [IV] or subcutaneous [subcu]) anticoagulation and warfarin therapy. For patients who received less than five days of overlap therapy, they should be discharged on both medications and have a reason for discontinuation of overlap therapy. Overlap therapy should be administered for at least five days with an international normalized ratio (INR) greater than or equal to 2 prior to discontinuation of the parenteral anticoagulation therapy, discharged on both medications or have a reason for discontinuation of overlap therapy.
109v4	0374	Venous Thromboembolism Patients Receiving Unfractionated Heparin with Dosages/Platelet Count Monitoring by Protocol or Nomogram	This measure assesses the number of patients diagnosed with confirmed VTE who received intravenous (IV) UFH therapy dosages AND had their platelet counts monitored using defined parameters such as a nomogram or protocol.

#### Identification of Potential Duplicative Medication Value Sets

The coding of the value sets was done using RxNorm, which is a United States (US) specific terminology that contains all of the medicines currently in the US market. NQF Staff performed a manual review of value sets within these AMI and VTE measures to identify the use of medications within these eQMs. This review indicated that RxNorm-based value sets associated with the AMI and VTE quality measures contained a number of duplicative members. The Jaccard analysis was performed and identified six value sets with a Jaccard index of over .49, indicating that potentially significant duplication was persistent between members of these value sets. An additional manual review of the purpose and intent for value sets that exceeded the Jaccard threshold did not explain the reasons behind this duplication, indicating the need for individual review. The results of this are shown in Table 10.

Table 10: Medication Value Sets with Potential Duplication

Jaccard Score	Value Set 1	Value Set 2
.71	Other Anticoagulants for AMI	Oral Factor Xa Inhibitor for VTE Prophylaxis
.55	Low Dose Unfractionated Heparin for VTE Prophylaxis	Unfractionated Heparin
.51	Low Molecular Weight Heparin for VTE Prophylaxis	Parenteral Anticoagulant

NQF Staff compiled their findings in a worksheet provided to the TEP that listed the eQMs associated with the value sets identified in the Jaccard analysis, provided detail regarding the intent of the measures, the purpose and intent of the value sets, an inventory of the members in each value set, and identified which of these members overlapped across measures. The TEP was asked to review the worksheet and make recommendations regarding harmonization.

#### Analysis of the TEP

Initially, the members of the TEP were evenly divided about whether the value sets for AMI and VTE measures should be harmonized. The primary reason for harmonization was the confirmation of duplication in members in value sets across the AMI and VTE measures. It was believed that creating smaller intentional<sup>5</sup> value sets from the extensional<sup>6</sup> groupings that comprised these value sets would facilitate the incorporation of terminology updates for value set members, align value set members with drug classes, and promote reuse of value sets in eQMs with similar topics. The primary reasons to not harmonize value sets among these measures was that measure intent and the value set intent are distinct and the value set members are used to refine the logic described in the eQCM specification. Therefore, even though a high Jaccard score indicates the possibility of duplication or redundancy, a decision on harmonization needs to be made on a case-by-case basis, rather than relying exclusively on the score itself.

#### Results of “Other Anticoagulants for AMI” with “Oral Factor Xa Inhibitor for VTE Prophylaxis”

A Jaccard score of .71 indicates potential overlap, but no change was recommended in the AMI value sets “Other Anticoagulants for AMI” associated with CMS100v4 and with “Oral Factor Xa Inhibitor for VTE Prophylaxis” associated with CMS114v4, CMS73v4, CMS190v4 and CMS108v4. The TEP determined that Dabigatran, included in the Other Anticoagulants for AMI” value set is not an Oral Factor Xa Inhibitor, Dabigatran is a direct thrombotic inhibitor, which is distinctly different from a Factor Xa Inhibitor. Dabigatran is not indicated for general VTE prophylaxis; it is only used for VTE prophylaxis if

<sup>5</sup> An intentional value set is typically algorithmically defined with the code group defined as a rule

<sup>6</sup> An extensional value set is an enumerated lists of codes that are not algorithmically based.

the patient has atrial fibrillation or has a history of VTE. Therefore, the TEP recommended that harmonization was not needed as the value sets were distinct from each other.

Results of the “Low Dose Unfractionated Heparin for VTE Prophylaxis” with “Unfractionated Heparin”

A Jaccard score of .55 and lack of alignment between measure intent and value set intent merited review of both the “Low Dose Unfractionated Heparin for VTE Prophylaxis” value set associated with CMS190v4, CMS114v4 and CMS108v4, and the “Unfractionated Heparin” value set associated with CMS190v4, CMS109v4 and CMS108v4. Differences between members of these two value sets are the route of administration. The “Low Dose Unfractionated Heparin for VTE Prophylaxis” value set members indicate subcutaneous administration of heparin, while “Unfractionated Heparin” value set members are selected to identify intravenous administration. These value sets represent smaller subsets of the different types of heparin, which allow for reuse across multiple measures. Therefore, the TEP recommended that harmonization was not needed as the value sets were distinct from each other.

Results of “Low Molecular Weight Heparin for VTE Prophylaxis” with “Parenteral Anticoagulant”

A Jaccard score of .51 indicates overlap between the “Low Molecular Weight Heparin for VTE Prophylaxis” value set associated with CMS114v4, CMS108v4 and CMS190v4 and the “Parenteral Anticoagulant” value set associated with CMS73v4. The primary reason to not harmonize is that “Low Molecular Weight Heparin for VTE Prophylaxis” value set includes medications used for VTE prophylaxis and the “Parenteral Anticoagulant,” value set includes medications used for treatment of VTE. The “Low Molecular Weight Heparin for VTE Prophylaxis” value set is also more granular as is required in CMS114v4, CMS108v4 and CMS190v4 and the “Parenteral Anticoagulant,” value set is less granular as it has numerous drugs that are captured in other value sets. Therefore, the TEP recommended that harmonization was not needed as the value sets were distinct from each other.

Diagnosis Value Sets

The second pilot test was designed to examine specific value sets associated with a diagnosis of depression, and potential overlap with value sets associated with bipolar conditions and general mental health diagnoses. The worksheet used for this pilot test is found in Appendix C. The measures in which the value sets were taken from are listed in Table 11.

Table 11: Depression Value Sets with Potential Duplication

CMS#	NQF#	Measure Title	Measure Intent
160v4	0712	Depression Utilization of the PHQ-9 Tool	Adult patients age 18 and older with the diagnosis of major depression or dysthymia who have a PHQ-9 tool administered at least once during a 4-month period in which there was a qualifying visit.

CMS#	NQF#	Measure Title	Measure Intent
<b>159v4</b>	0710	Depression Remission at Twelve Months	Adult patients age 18 and older with major depression or dysthymia and an initial PHQ-9 score > 9 who demonstrate remission at twelve months defined as PHQ-9 score less than 5. This measure applies to both patients with newly diagnosed and existing depression whose current PHQ-9 score indicates a need for treatment
<b>32v5</b>	0496	Median Time from ED Arrival to ED Departure for Discharged ED Patients	Median elapsed time from emergency department arrival to emergency room departure for patients discharged from the emergency department
<b>111v4</b>	0497	Admit Decision Time to ED Departure Time for Admitted Patients	Median time (in minutes) from admit decision time to time of discharge from the emergency department for emergency department patients admitted to inpatient status.
<b>55v4</b>	0495	Median Time from ED Arrival to ED Departure for Admitted ED Patients	Median time from emergency department admission to time of discharge from the emergency room for patients admitted to the facility from the emergency department.
<b>169v4</b>	0110	Bipolar Disorder and Major Depression: Appraisal for alcohol or chemical substance use	Percentage of patients with depression or bipolar disorder with evidence of an initial assessment that includes an appraisal for alcohol or chemical substance use.
<b>2v5</b>	0418	Preventive Care and Screening: Screening for Clinical Depression and Follow-Up Plan	Percentage of patients aged 12 years and older screened for clinical depression on the date of the encounter using an age appropriate standardized depression screening tool AND if positive, a follow-up plan is documented on the date of the positive screen.
<b>108v4</b>	0371	Venous Thromboembolism Prophylaxis	This measure assesses the number of patients who received VTE prophylaxis or have documentation why no VTE prophylaxis was given the day of or the day after hospital admission or surgery end date for surgeries that start the day of or the day after hospital admission.
<b>190v4</b>	0372	Intensive Care Unit Venous Thromboembolism Prophylaxis	This measure assesses the number of patients who received VTE prophylaxis or have documentation why no VTE prophylaxis was given the day of or the day after the initial admission (or transfer) to

CMS#	NQF#	Measure Title	Measure Intent
			the Intensive Care Unit (ICU) or surgery end date for surgeries that start the day of or the day after ICU admission (or transfer).
<b>136v5</b>	0108	ADHD: Follow-Up Care for Children Prescribed Attention-Deficit/Hyperactivity Disorder (ADHD) Medication	<p>Percentage of children 6-12 years of age and newly dispensed a medication for attention-deficit/hyperactivity disorder (ADHD) who had appropriate follow-up care. Two rates are reported.</p> <p>Percentage of children who had one follow-up visit with a practitioner with prescribing authority during the 30-Day Initiation Phase.</p> <p>Percentage of children who remained on ADHD medication for at least 210 days and who, in addition to the visit in the Initiation Phase, had at least two additional follow-up visits with a practitioner within 270 days (9 months) after the Initiation Phase ended.</p>
<b>128v4</b>	0105	Anti-depressant Medication Management	<p>Percentage of patients 18 years of age and older who were diagnosed with major depression and treated with antidepressant medication, and who remained on antidepressant medication treatment. Two rates are reported.</p> <p>a. Percentage of patients who remained on an antidepressant medication for at least 84 days (12 weeks).</p> <p>b. Percentage of patients who remained on an antidepressant medication for at least 180 days (6 months).</p>
<b>161v4</b>	0104	Adult Major Depressive Disorder (MDD): Suicide Risk Assessment	Percentage of patients aged 18 years and older with a diagnosis of major depressive disorder (MDD) with a suicide risk assessment completed during the visit in which a new diagnosis or recurrent episode was identified
<b>177v4</b>	1365	Child and Adolescent Major Depressive Disorder (MDD): Suicide Risk Assessment	Percentage of patient visits for those patients aged 6 through 17 years with a diagnosis of major depressive disorder with an assessment for suicide risk

NQF Staff performed a manual review of value sets specified for diagnosis of depression in eQMs associated with behavioral health and identified both overlap of value set members, and value sets with missing or incomplete intent and purpose statements. The Jaccard analysis was performed and identified ten SNOMED-CT-based value sets with a Jaccard index of over .49, indicating that significant overlap was persistent between members of these value sets. The Jaccard analysis identified three distinct groups of value sets, with each group containing two to three value sets with duplicative members that described a similar focus. Missing value set purposes and intent did not indicate the reasons behind this overlap, indicating the need for review by the TEP. NQF Staff also noted that some value sets with a similar focus also seemed to be missing easily identifiable members that aligned with measure intent. These value sets are listed in Table 12.

*Table 12: Mental Health Value Sets with Potential Duplication*

Jaccard Score	Value Set 1	Value Set 2
.79	Bipolar Disorder	BH Condition involving bipolar disorder SNOMED-CT
.95	Bipolar Disorder	Bipolar Diagnosis SNOMED-CT
.78	Psychiatric/Mental Health Patient	Mental Disorders SNOMED-CT
.63	Psychiatric/Mental Health Patient	Mental Health Diagnoses
.74	BH Condition involving unipolar depression SNOMED-CT	Major Depression
.78	BH Condition involving unipolar depression SNOMED-CT	Major Depressive Disorder-Active
.56	BH Condition involving unipolar depression SNOMED-CT	Depression Diagnosis SNOMED-CT

NQF Staff compiled their findings in a worksheet provided to the TEP that listed the eQMs associated with the value sets identified in the Jaccard analysis, provided detail regarding the intent of the measures, the purpose and intent of the value sets, an inventory of the members in each value set, and identified which value set members overlapped across measures. Unlike the medication value sets associated with AMI and VTE, value sets associated with behavioral health diagnosis are included in a variety of measure topics including ED arrival, admission and discharge, VTE prevention and ADHD medication management. The TEP was asked to review the worksheet and make recommendations regarding harmonization.

TEP recommendations were mixed. Recommendations were made for harmonization and against harmonization based on measure intent. The primary reasons for harmonization were a significant overlap across value set members, and inconsistent exclusion of value set members from value sets with similar purpose and intent. Reasons against harmonization included the need to involve Value Set Stewards in any decision based on the exclusion of specific value set members, lack of alignment with measure intent, incomplete purpose statements, and inconsistent naming of value sets.

## Results of Analysis with Bipolar Diagnosis Value Sets

The first grouping of value sets the TEP reviewed were those specified to diagnose bipolar disorder. Three value sets were specified among four measures. A Jaccard score of .79 indicated significant overlap between the value set Behavioral Health (BH) Condition involving bipolar disorder SNOMED-CT in CMS169v4 and the value set for diagnosis of Bipolar Disorder in CMS160v4 and CMS159v4. The TEP was somewhat divided on harmonization noting that some members were excluded from the value set BH Condition involving bipolar disorder SNOMED-CT, including those indicating “full remission” bipolar disorder although those for “partial remission” and “in remission” were not. Further TEP analysis indicated that CMS160v4 and 159v4 are evaluating improvement of depression (remission) and therefore include remission related diagnosis codes. The measure intent for CMS169v4 does not include remission of Bipolar Disorder, therefore the value set steward of CMS169v4 would need to comment on their intent to exclude remission related diagnoses codes. Value sets specified in CMS169v4 do include mania related codes. Stewards of CMS160v4 and CMS159v4 would need to comment on their exclusion of mania. Intent appears to be different and therefore the value sets are currently distinct. With these specific value sets, the TEP recommended that harmonization was not needed because the values were distinct enough.

Further analysis by the TEP indicated that organic bipolar disorder was excluded from the value set for diagnosis of Bipolar Disorder specified in CMS160v4 and CMS159v4, but not the value set specified in BH Condition involving bipolar disorder SNOMED-CT in CMS169v4, and the value set for Bipolar Diagnosis SNOMED-CT in CMS2v5. The TEP noted that based on the measure intent, organic bipolar disorder (disorder) should not be excluded from value sets specified for CMS160v4 and CMS159v4. In this instance, the TEP recommended harmonization as the codes were not distinct and there was duplication.

Comments from the TEP noted that schizoaffective disorder, bipolar type (disorder) is modeled in SNOMED-CT as both a bipolar disorder and a schizoaffective disorder. The value set BH Condition involving bipolar disorder SNOMED-CT specified in CMS169v4 does not include schizoaffective disorder, bipolar type (disorder). Further TEP analysis indicated the following:

- DSM-5 classifies schizoaffective disorder, bipolar type (disorder) as a Schizophrenia Spectrum and other Psychotic Disorder.
- Consulting with subject matter experts is recommended to determine if schizoaffective disorder, bipolar type (disorder) should be included as a bipolar disorder.

Additionally, the value set for diagnosis of Bipolar Disorder specified in CMS160v4 and CMS159v4 includes Severe Bipolar II remission codes. While the measure intent for CMS2v5 does not mention remission specifically, the Bipolar Diagnosis SNOMED-CT value set specified in the measure includes related Bipolar II codes, such as: “Bipolar II disorder, most recent episode hypomanic (disorder)” and 18 other remission codes, with a Jaccard score of .95 between the two value sets, indicating significant



overlap. The TEP recommended that the stewards of 2v5 be consulted to provide input on the exclusion of three value set members:

- "Severe bipolar II disorder, most recent episode major depressive, in full remission (disorder)"
- "Severe bipolar II disorder, most recent episode major depressive, in remission (disorder)"
- "Severe bipolar II disorder, most recent episode major depressive, in partial remission (disorder)"

These members do include the SNOMED-CT parent code "Bipolar II disorder (disorder)". For these specific codes, the TEP recommended harmonization if these codes were not purposely excluded; otherwise the value sets would be distinct enough that harmonization was not necessary.

The final TEP evaluation noted that the value set Bipolar Disorder specified in CMS160v4 and CMS159v4, and the value set Bipolar Diagnosis SNOMED-CT specified in CMS2v5, should be harmonized along with Behavioral Health Condition involving bipolar disorder SNOMED-CT specified in CMS169v4, as there are three concepts in Bipolar Disorder that are not in Bipolar Diagnosis SNOMED-CT:

- Severe bipolar II disorder, most recent episode major depressive, in full remission (disorder)
- Severe bipolar II disorder, most recent episode major depressive, in remission (disorder)
- Severe bipolar II disorder, most recent episode major depressive, in partial remission (disorder)

The TEP stated that there appeared to not be any logical reason why these three are absent from the Bipolar Diagnosis SNOMED-CT value set as there are other concepts in the value set that address severe bipolar II disorder, most recent episode major depressive, and in partial or in full remission. Therefore, they concluded that harmonization was necessary.

#### Results of Analysis with Behavioral Health Value Sets

The second grouping of value sets associated with behavioral health that the TEP reviewed were specified for diagnosis of mental health disorders in both inpatient and outpatient settings. Three value sets were specified among six measures.

The TEP recommended harmonization for all three value sets. The results of the Jaccard analysis are .78 for the value set Psychiatric/Mental Health Patient, specified in CMS32v5, CMS111v4 and CMS55v4, and the value set Mental Disorders SNOMED-CT, specified in CMS108v4 and CMS190v4. A separate Jaccard analysis indicating overlap with a score of .63 was performed comparing the value set Psychiatric/Mental Health Patient, specified in CMS32v5, CMS111v4 and CMS55v4, and the value set Mental Health Diagnoses, specified in CMS136v5.

The TEP noted that CMS136 has separate value sets for mental health disorders and substance abuse (Substance Abuse 2.16.840.1.113883.3.464.1003.106.12.1004), but there is no apparent need for separate value sets as there is overlap between the two. Additionally, the values set Mental Health Diagnoses, specified in CMS136v5 and the Substance Abuse value set are inconsistent in selection of concepts as mental health or substance abuse. Therefore, the TEP concluded that harmonization was needed with this grouping of value sets.

The final grouping of value sets associated with behavioral health that the TEP reviewed were specified for diagnosis of depression. Four value sets were specified among seven measures. The Jaccard analysis indicated a score of .74 in comparison of the value set BH Condition involving unipolar depression SNOMED-CT, specified in CMS169v4, and the value set Major Depression specified in CMS128v4, CMS159v4, and CMS160v4. The Jaccard analysis score was .78 for the value set BH Condition involving unipolar depression SNOMED-CT, specified in CMS169v4, in comparison to the value set Major Depressive Disorder-Active, specified in CMS177v4 and CMS161v4. Lastly, the Jaccard analysis indicated some overlap between the value set BH Condition involving unipolar depression SNOMED-CT, specified in CMS169v4, and the value set Depression Diagnosis SNOMED-CT, specified in CMS2v5. The TEP recommended harmonization for three value sets including BH Condition involving unipolar depression SNOMED-CT specified for CMS169v4, Major Depression, specified for CMS128v4, CMS159v4 and CMS160v4, and Depression Diagnosis SNOMED-CT, specified in CMS2v5. The TEP also recommended that the value set Major Depressive Disorder-Active, specified in CMS177v4 and CMS161v4 should not be harmonized as these measures specify major depressive disorders only.

The TEP noted that the value set BH Condition involving unipolar depression SNOMED-CT, specified for CMS169v4, includes concepts “in complete remission” and is inconsistent with the bipolar disorder value set used in the same measure, CMS169. See above for “in remission” discussion. The TEP also noted that the value set Major Depression, specified in CMS128v4, CMS159v4 and CMS160v4 should include dysthymia as the measure intent for both CMS159 and CMS160 specifically include dysthymia. From the measure descriptions - “Adult patients age 18 and older with the diagnosis of major depression or dysthymia.” The TEP recommended that in order to better align with the measure intent of diagnosis of major depression, the measure stewards for CMS128v4 consider using the value set Major Depressive Disorder: Active, specified for CMS177v4 and CMS161v4.

Additional review performed by the TEP found that the value set Depression Diagnosis SNOMED-CT, specified in CMS2v5, included the concept “Severe bipolar II disorder, most recent episode major depressive without psychotic features (disorder).” The TEP recommended that this concept should be removed from the value set Depression Diagnosis SNOMED-CT specified in CMS2v5, as the concept is also in the value set Bipolar Diagnosis SNOMED-CT used in the same measure. Both value sets are used for measure exclusions. The TEP had a similar concern with including the concept “schizoaffective disorder, depressive type (disorder)” in the value set Bipolar Diagnosis SNOMED-CT, specified in CMS2v5.

It was also noted that several questions would need to be addressed by the stewards for CMS169v4 and CMS2v5, before clear recommendation for harmonization could be provided. CMS169v4 includes major

depression related remission codes, and the measure steward for 2v5 would need to comment regarding their exclusion of nine (9) major depression related remission codes as they do include "Major depression, single episode, in complete remission (disorder)" but exclude all of its SNOMED-CT siblings (e.g., "Recurrent major depression in complete remission (disorder)"), parent ("Major depression in complete remission (disorder)") and related codes under "Major depression in remission (disorder)." While CMS169v4 includes the code "Dysthymia (disorder)," the SNOMED-CT parent code for many dysthymia related codes included in 2v5, it is unclear from measure intent or definition if 169v4 is purposely excluding these eight (8) more granular child codes (all SNOMED-CT children except those related to Secondary Dysthymia and Generalized neuromuscular exhaustion syndrome). The TEP requested more information to determine if these codes were not purposely excluded. If they were not excluded, then harmonization was recommended; otherwise the value sets would be considered distinct.

### Encounter Value Sets

NQF Staff performed a manual review of value sets specified to identify clinical encounters and determined that many of these value set groupings did not describe a specific medical treatment. NQF Staff created a worksheet to provide the TEP with examples of two value sets for encounters, HIV Visit and Blood Pressure Visit, that specified encounters in four measures; CMS62v4, CMS77v4, CMS52v4, and CMS65v5. Both encounter value sets consisted of a combination of terminologies, compiled from SNOMED-CT and CPT codes to describe both inpatient and outpatient visits including face to face interactions for evaluation and management, consultation and preventative medicine grouped by level of service and categorized by new patient, existing patient and patients of varying ages. The Jaccard analysis would not prove useful for this exercise as the concern was less to identify overlap between value sets, but rather to provide recommendations after reviewing groupings of code sets with the goal of making them more algorithmically defined. The value sets used for this analysis can be found in Appendix D.

The TEP was tasked with reviewing the example value sets included in the worksheet and to provide recommendations regarding:

- Modifications to the example encounter value sets to better align them with the clinical encounters for which they are specified
- Suggestions as to how encounters could be better captured through value sets, and to consider the creation of smaller value sets to use as building blocks
- Capturing specific interactions including
  - o Telehealth
  - o Urgent Care
  - o Long-Term and Post-Acute Care (LTPAC)

- Differentiating the face-to-face interaction value set for both inpatient and ambulatory care encounters

The TEP was also asked to provide input on the creation of intentional value sets from the two examples of extensional value sets provided. They made a number of recommendations for the development of value sets for encounters. These recommendations included more clearly specified value set intent, creating groupings out of smaller value sets designed as building blocks for larger encounter value sets, and creating value sets that accurately represent a variety of encounters between caregivers and patients.

#### Value Set Intent

The TEP was generally in agreement that better alignment between value set intent and the clinical encounter was needed. It was noted that the value set HIV Visit, specified in CMS77v4, CMS52v4, and CMS65v5 could be used in many different types of encounters for care of a chronic disease state. Rather than changing the codes for the clinical encounter, it may be more effective to change the value set name to reflect the type of encounters included in the value set.

#### Overlap, Duplication and Omission

Members of the TEP recommended the use of smaller value sets that could be used as building blocks for all encounters, and that these building blocks could be stratified by level of service. Smaller value sets would be less likely to be duplicative with other large value sets, eliminating overlap. Also noted was that it might be difficult to create value sets that describe care for certain conditions, as encounters may be the same (such as strep throat test), but procedures and diagnosis may be different.

#### Recommended Changes and Improvements

Comments from the TEP were in favor of developing sub-value sets for Telehealth, Urgent Care and LTPAC facilities to better capture caregiver and patient interactions. TEP comments included the following suggestions:

- Intentional value sets structured as building blocks to describe encounters may be more appropriate to meet the need of measures.
- Building blocks could be incorporated into the eMeasure logic, depending on the intent of the measure.
- Setting qualifiers can be used in value set headers to identify the practice setting where the encounter took place.

Additionally, the TEP was generally in favor regarding the creation of Face-to-Face interaction value sets with the following suggestions:

- The need for Face-to-Face interaction value sets depends on the measure intent, but should be specified for both inpatient and outpatient encounters.
- Smaller building blocks to develop value sets that can be used as needed within a measure are appropriate for this application.
- Value sets need to be identified by the outcome they are measuring.
- Face-to-face interactions can be identified in the value set headers.

## Governance Models

In addition to developing and conducting three pilot tests to explore possible methods of harmonization, both NQF and the VSC also explored governance models to oversee the development of value sets; establish ways to encourage the use of high quality and harmonized value sets; and the examine the relationship between the NQF endorsement process of quality measures and CMS programs that utilize NQF endorsed measures for value-based reimbursement and/or public reporting. Each proposed governance model incorporated the following core elements:

- The definition and use of high quality value sets
- A methodology for the development of high quality value sets
- Core principles to maintain high quality value sets
- Means of encouraging high quality and harmonized value sets
  - The relationship between value sets and measure development
  - How the NQF endorsement process can be used to facilitate the use of high quality value sets
  - Ensure that the use of high quality value sets within quality measures is reflected in CMS programs.

The VSC was presented with two governance models, the “Portfolio Clean-Up Proposal,” and the “Starter Set Proposal”.

### Portfolio Clean-Up Proposal

The purpose of this proposal is to engage a panel of technical experts to regularly review both the current value sets catalogued within the VSAC as well as new value sets that are submitted to the VSAC for publication. This particular proposal outline both objective and subjective criteria for an approval process for new value sets as well as a maintenance process for existing value sets. It also included an automatic expiration of value sets when updates to specific terminologies impact value set members, as well as a mechanism for any entity to submit a “challenge” to the VSAC for a value sets. Regular reviews of existing and proposal VSAC content ensure that measure development and the NQF endorsement process is supported through access to high quality “approved” value sets, which would be reflected in quality measures used within the CMS programs.

Objective Criteria

The VSC determined that the objective criteria for this model should include automatic checks of value sets by the VSAC to ensure that code systems used are correct, and that the fields that identify the purpose of the value set are populated.

Subjective Criteria

The VSC also proposed a set of subjective criteria to use within this model that included the following, as shown in Table 13.

Table 13: Subjective Value Set Criteria for “Clean-Up Proposal”

Criteria	Description
Code System Fit	<ul style="list-style-type: none"><li>Does the value set use code systems consistent with the latest ONC Standards Advisory Committee?</li><li>Is the code system being used properly to clearly articulate the purpose of the value set?</li></ul>
Value Set Description	<ul style="list-style-type: none"><li>Is the value set purpose clearly described?</li></ul>
Value Set Conflict	<ul style="list-style-type: none"><li>Does the value set conflict with other high quality value sets?</li></ul>

Monthly evaluations would take place by a Technical Expert Panel, that would consist of both experts in the domain area of value sets being reviewed as well as experts in the code systems of value sets being reviewed. They would be charged to review and comment on the following:

- Currently existing value sets in the VSAC
- Newly submitted value sets

- Value sets that met a standard for high quality, but had expired and may be removed from the VSAC<sup>7</sup>

#### Starter-Set Proposal

This governance model would focus only on the review of new content submitted for publication within the VSAC. Approved value sets would be indicated within the VSAC to support measure development. An initial completeness review of value sets could be performed by NQF staff during their review of quality measure submissions as part of the Consensus Development Process. This review would entail the following:

- A review to determine if similar value sets already exist in the VSAC that adequately represent the concept within the submitted value set. A Jaccard threshold would need to be established to trigger a review based on a high probability of duplicative value sets.
- The purpose statements for each value set submission would need to be completed and adequately describe the intended use of the value set.
- The value set would need to be published.

#### *Objective Criteria*

The objective criteria to review the new value sets would be the same as in the “Clean-Up Proposal.”

#### *Subjective Criteria*

These criteria would be limited as there is no external panel of experts reviewing value sets, but NQF staff would ensure that the code systems are current, the purpose of the value set is clearly defined, and that the new value set is not duplicative of other, similar value sets.

Additional work is done to finalize a methodology to determine when a value set is expired and can be purged from the VSAC, as well as creating a challenge process and how that would be managed in the context of measure review.

### Discussion

In order to develop a process for value set harmonization, the members of both the TEP and the VSC discussed the need to establish criteria for a high quality value set that would serve as a standard representation of a clinical concept used in a quality measure. This criterion is also important for the development of a governance framework in that it provides an objective assessment to evaluate a value set to determine whether it is acceptable for a quality measure, whether it would align with the structure and logic of the measure, and could be used to describe the concept in a manner in which its use and intention was clear. The VSC worked with NQF to develop a series of core principles that would

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<sup>7</sup> Note: This review would only be undertaken once definitive criteria that defines a high-quality value set were created and a process for identifying and removing expired value-sets had been created.

constitute a high quality value set. The initial basis for these were the criteria established initially by both Winnenburg and Bodenreider, and expanded through a combination of expertise brought by the VSC in addition to guidelines established by the NLM when the Value Set Authority Center (VSAC) was established.

## Principles of High Quality Value Sets

The VSC recommended five principles to apply in both the development and evaluation of value sets to ensure high quality.

### **1. A value set should align with the prevalent data model that is currently supporting the development of quality measures.**

The prevalent data model used in eQDMs is the Quality Data Model, which describes clinical concepts in a standardized format so individuals (i.e., providers, researchers, measure developers) monitoring clinical performance and outcomes can clearly and concisely communicate necessary information. It allows the electronic definition of a clinical concept via its data elements and provides the vocabulary to relate them to each other. By relating attributes between data elements and using filtering functions, the QDM provides a method to construct complex clinical representations for eQDMs.

While the QDM has provided a foundation for the development and use of eQDMs, measure developers must understand the scope and the limitation of the relationship between the value sets and the QDM, when the value sets are being constructed to describe measure logic. Specifically, an evaluation of high-quality value sets should focus on the following:

- If the QDM is the prevailing model at the time, the value set must clearly represent the codes for the QDM's data type category or the element's attributes.
  - Each value set must contain codes from one code system. If the value sets are nested (parent-child relationship) then they cannot be defined recursively.
  - The VSC also suggested that the value set purpose field contained within the VSAC be repurposed to describe the context of use for the value set, as a high-quality value set should be described explicitly in terms of its use and intention.
  - The purpose of the value set in the measure must be clearly specified
- ### **2. Value sets should be consistent with the model of clinical information found in the patient record.**

The model of clinical information currently found in the patient record is dependent on the type of EHR system that is used, and how that system is configured. The normalization of data across varying systems is currently done through the QDM. In this manner, the data adequately represents the components of the quality measure and the value sets include detailed information regarding the context of use. It is possible that, in the future, the QDM will be replaced by another representation of clinical information and the principles of high quality value sets should be consistent. Namely, the clinical data must be accurately represented by the data model and the value sets must include detailed



information regarding the context of use. Additionally, the value sets should be both feasible and usable to identify clinical data within the EHR, regardless of where the measure is used.

### **3. Terminology updates, expansion and changes must be integrated into the value sets.**

Based on guidance from the NLM, a new value set must represent the most recent version of the terminology on which it is based. The VSC suggested that retired codes should still be included in the previous value set as they are critical to identifying historical information within the patient records. The value set steward has a continual responsibility to curate and maintain the value sets for which they are responsible, which entails analyzing the current code system versions, understanding the clinical knowledge represented in the value set in order to make changes, as appropriate, and to make changes and updates to the data model with the value set as needed.

### **4. Quality measures being considered for NQF endorsement must have current and active value sets.**

Value sets that are included in quality measures for review by both NQF and a standing committee as part of its consensus development process must identify that the most current version of a value set be aligned with the most recent version of the code system from which it is based. This designation should be clearly identified within the VSAC. The status of current could refer to one of the following states:

- Current at the time of NQF endorsement.
  - Current against the latest version of the code system.
  - Current between releases of that code system, as timelines associated with each code system are different.
- 5. Unpublished value sets used in quality measures under development for future federal programs, should be prohibited in order to avoid future duplication.**

The VSC concurred that it is a reasonable expectation that value sets associated with a quality measure be published, and have that designation in the VSAC, when a measure is undergoing review for potential NQF endorsement. However, it is possible that a measure in current development and undergoing testing may have draft value sets that could potentially be published once the testing is complete. Therefore, when examining value sets to determine their status within a quality measure, the following must be considered:

- A pre-draft quality measure that is in development may have value sets that are not currently available for review as they may have been created in concordance with the measure. These must be considered with the understanding that the measures will be published once the development process has concluded.
- Draft quality measures may have pre-published value sets that are available for public review. These must also be considered as long as the value sets move to published once the measure is finalized.

**Commented [ZB1]:** Should this language be tweaked to say eCQM's under development for future federal programs. Otherwise how will this be controlled if a VS is not published in the VSAC, not used in current Federal programs and is not endorsed.

- A quality measure ready for draft implementation or NQF review that has published value sets would meet the readiness criteria.

#### Methods of Governance

The two models proposed for governance of value sets were designed with the intent of developing a standard methodology for the creation of value sets, how to encourage the use of high quality and harmonized value sets, and the relationship of the governance process to both CMS quality programs and the NQF endorsement process. As previously stated, there were two proposals under consideration: the “Clean-Up” proposal and the “Starter-Set” proposal. The VSC concurred that both models have advantages over the current state of value set development, but there were also significant disadvantages that ultimately would prevent them from succeeding.

#### Use of the “Clean-Up” Proposal

The overall purpose of the “Clean-Up” proposal was to engage a panel of technical experts to regularly review both the current versions of value sets catalogued in the VSAC as well as new value sets using a set of both objective and subjective criteria. The initial concern of the VSC was that it may be difficult to convene such a group on a regular basis as the proliferation of eCQMs as well as value sets would necessitate the group meeting on a far more frequent basis than originally thought to support measure development. There was also concern as to who would serve on this panel and whether it was possible to have a standard set of experts, given that the topic areas of value sets varies frequently, and might require expertise that a specific panel member does not have. There was also a question as to the authority such a group would have, given that NLM has been designated the curator of all value sets within the VSAC. If the panel found specific value sets to be lacking in quality, it was difficult to understand if those value sets would be purged from the VSAC or left with an indicator that it failed to meet the criteria for high quality. It was also unclear as to whether the panel would make recommendations as to what to delete or include within the VSAC, or whether they would have the ability to remove value sets from the VSAC independently.

Furthermore, while an independent panel could be assigned to review value sets, it was not necessary to resolve issues within value sets. The VSC noted that, in many cases, value set developers could be engaged cooperatively to resolve issues with overlapping and similar content in value sets without review by an expert panel, and that engagement could be initiated by NQF during the screening of an eCQM prior to it being passed on to a standing committee. This process has begun to develop organically as a number of value set developers from organizations such as the American Medical Association, the Joint Commission and Mathematica Policy Research, Inc. have begun collaborations to address issues of redundancy and overlap. Furthermore, the NLM has recently developed the VSAC Collaboration Tool, which supports more interactive and centralized collaboration among VSAC authors and stewards, as well as notification of changes. Teams of value set developers across organizations will have a central site to share threaded discussions about value sets, view recent value set expansions posted by members, organize value sets by usage and by team’s workflow needs, and receive activity and change notifications from the VSAC. This provides a foundation for collaboration in the

development and review of value sets by organizing a process to attain consensus on content. It serves as a mechanism to review and modify value sets independent of an external panel.

Finally, there is an increased emphasis on value set review as quality measures take on added significance as the Merit-Based Incentive Program (MIPS) begins to phase out the Sustainable Growth Rate (SGR) as a method for reimbursing Medicare providers. The reliance on quality reporting will become paramount, independent of NQF endorsement, and thus the value sets must accurately and efficiently represent the clinical concepts of the measure so that the measure may be use effectively to represent the quality of care provided. However, the VSC expressed concern about the disconnect between value set specification and measure implementation as the use of local coding is often not mapped in a timely fashion to the codes that are delineated in value sets, and cause inconsistency in both the use and application of the value set and the measure in which it is contained. Yet, the development of an agile-based testing process in which the local codes could be mapped correctly would be a more efficient method that could be placed under the original developer of the measure set and allow them to make the corrections as needed.

#### Use of the “Starter-Set” Proposal

The “Starter-Set” governance proposal was designed to review only new content submitted for publication in the VSAC. It would also use a combination of objective and subjective criteria without the use of an external review panel. Approved value sets would be indicated within the VSAC, which would require the development of new functionality to support the review process. While some of the foundations of this model met with the approval of the VSC, there was still concern around reviewing and approving value sets independent of measure endorsement by NQF. Additionally, with a lack of current guidelines providing a structured and consensus-based process on value set development, it may prove challenging to develop standard value sets that meet all of the criteria recommended by the VSC. Further, if during the review a measure developer finds a value set to be insufficient to their needs in the creation of a measure, there would be no current mechanism for challenging that value set. Rather than letting a value set pass for inclusion in the VSAC because the initial criterion was met, there may be a better method of coding or refining the value set that would more appropriately represent the clinical content and ensure the measure logic functions correctly. There is no such process as of yet, and thus this governance model would enforce a set of standards onto new value sets that would be required for publication, but with no challenge process if a better method is found.

Ultimately, the decision of the VSC was to let NQF oversee and enforce the governance process regarding the review and use of value sets within quality measures. While this is not considered a permanent solution, it represents a temporary process that can be incorporated into the NQF measure review as part of its consensus development process for endorsement. Facets of both governance models proposed for this project would be leveraged into one standard set of review criterion, as shown in Table 14.

Table 14: Proposed Criterion for NQF Review of Value Sets

Criterion	Description
<b>Potential Overlap</b>	Does the value set show a high enough Jaccard score to indicate potential duplication with other, similar value sets?
<b>Purpose of Value Set</b>	Is the purpose statement complete on the value set submission form and does it adequately describe the intended use of the value set?
<b>Publication</b>	Is the value set published (NQF would refer to the various stages of publication outlined in the “Clean-Up” proposal)
<b>Code System Fit</b>	Does the value set use code systems consistent with the latest ONC Standards Advisory and are the code systems being used properly?
<b>Complete Application</b>	Are the fields in the value set submission form populated?

It is expected that this review and evaluation of value sets will become part of the completeness and readiness checks performed by NQF staff as part of their consensus development process (CDP) for quality measures. NQF would provide guidance and work collaboratively with stewards and developers once a VS fails one or more criteria.

## Future Recommendations

Future recommendations that emerged from the VSC deliberations include the following:

### Recommendation 1: Versioning of Value Sets

Managing change control in terminology as it pertains to high-quality value sets and the persistence of non-versioned expansions is considered to be a serious and complex issue that needs to be addressed. The Committee recommended developing guidance around versioning of value sets in the future, as it was out of scope for this project. It is recommended that the value set versions should be part of a data management process. Versioning would provide clarity between legacy and current versions of a specific value set. It is recommended that periods within which new versions are valid are clearly specified, including a start date for a defined version, clearly defined publication date and release of the

terminology sets they were drawn from, and a clearly defined expiration date that would be adhered to, after which the legacy value set becomes invalid.

#### Recommendation 2: Understanding Expired Value Sets

Value sets should be current and active, and how expiration would work should continue to be addressed in the future. Once a value set is published, it lives in the VSAC indefinitely. Developing a process for identifying and labeling value sets as expired and that newer version exists would help determine if a newer value set needed to be created, and would potentially reduce duplication or redundancy. However, expired value sets should continue to exist in the VSAC as they provide a historical benchmark that illustrates the ongoing development of the value set. The VSAC should also carry retired codes that are members of past versions of a specific value set. For historical data, the current extensional value set would not be used; the published version that pertains to the period where the historical data was collected would be used.

A practical solution within the tools that exist is a more aggressive stewarding process. If a new version of a value set is not actively being managed or stewarded, and has not been approved within a certain timeframe, it could be flagged as something that is not being monitored. If there are certain situations when a value set should expire, those value sets should not meet the criteria for NQF endorsement. The Committee agreed that the discussion on expiration of value sets was beyond the scope of this project and recommend revisiting this topic in the future.

#### Recommendation 3: Future Governance Models

NQF will oversee governance of high quality and harmonized value set as part of its consensus development process for quality measures. Although the NQF endorsement process could include a standard for the review of value sets, the VSC recommended that the development and evaluation of value sets continue to be done in external groups outside of NQF, with the notion that the process could be implemented in other settings. Ideally, value sets would be developed and evaluated independent of measures against a standard set of criteria, although this would require a different kind of analysis to be determined in the future. As external governance processes continue to evolve and are tested, any potential model should be transparent and explicit so that stakeholders have as much information and self-check tools as possible. It is agreed that there should be a set of requirements that a governance model would examine when determining whether a value set is of high quality, and this work should be completed prior to measure development and testing and value set development.

Although a specific recommendation for an external review process was not determined, the Committee recommended pilot tests for a specialty society review process. An important theme that was discussed is the importance of bringing groups together who build measures and utilize common definitions and themes. Although it was noted that there are several potential challenges with how the process would be implemented, the specialty groups would review value sets using term definitions that make specific sense for them. Developing an external review process would enable the groups to create, validate and check their own value sets and measures prior to submission for NQF endorsement. Specialty societies

defining clinical data with what makes sense for their clinical practice and building associated value sets would allow other measure developers to use those building blocks for measure development.

## Conclusion

The approach formulated by NQF to harmonize redundant or overlapping value sets, provided a foundation to devise an evaluation process to strengthen the overall content within the Value Set Authority Center (VSAC) as well as within quality measures. However, there were a number of areas that warrant further exploration as well as discussion in order to develop a standard methodology for harmonization as well as a consensus-based governance process to oversee these efforts. Some of the conclusions reached during this project include:

*There are inherent difficulties in moving from an extensional to an intentional value set.* While the overall intent of moving from a group of codes associated with a clinical area to one that is more algorithmically defined was proposed as a potential harmonization method, the approach posed a number of challenges. Some of the final discussions of the VSC concluded that perhaps the first step is to determine if the extensional value set sufficiently satisfies the logic of the quality measure adequately so that using an intentional value set is not needed.

*There are varied approaches to value set harmonization.* While NQF attempted to work with the VSC to develop a structured and standardized process to harmonize value sets, it proved difficult to accomplish. The variation amongst the use of value sets within quality measures, as well as reaching concurrence as to whether the value set was not distinct enough from other similar ones that harmonization was warranted, led to a fluid process that was difficult to formalize. It was eventually concluded that attempting to develop a “one-size-fits-all” harmonization approach would be difficult to develop and implement and the process may vary based on the types of value sets.

*An examination of value set versioning may be an approach to reduce duplicative and/or overlapping value sets.* Rather than attempt to develop a standard methodology to harmonize duplicative value sets, and vary that approach depending on the type and content of the value set, another alternative was proposed. The VSAC lists the most recent version of a value set which is inclusive of the most current terminology that reflects the clinical concept of the value set. The versioning is used mainly for maintenance of a value set to ensure it is updated as needed and to keep both the code system and the value set in sync. It does not, however, reflect a semantic harmonization of all value sets that reflect a singular clinical concept. Using versioning within the VSAC to harmonize similar value sets may be a method to replace ones that are duplicative and/or overlapping. Additionally, a value set that has limited utility or relevancy to a quality measure, or may contain codes that are no longer valid to the measure logic may be considered expired, and could be designated as such from the VSAC and no longer used in a quality measure, but may be used for historical reference. This may potentially reduce the amount of value sets and thereby may eliminate those that are duplicative.

*Using smaller and modular value sets is a preferred approach.* Developing smaller value sets that are built of independent components that can be connected into a quality measure potentially promote a

more efficient method to their development. Modularity promotes greater innovation in the design of value sets, in addition to creating flexibility to allow for changes in both terminology and clinical science that may affect a quality measure. Additionally, the use of a modular approach mitigates the need to create numerous extensional value sets that may be duplicative of one another, while fostering an ecosystem in which they are reusable across a large cadre of quality measures.

*Changes to the VSAC may be needed to support harmonization.* While the VSAC has considerably evolved in terms of functionality and support for value sets since its initial release, there is additional functionality needed in order to potentially realize harmonization efforts. Some of the recommendations from the VSC included: checking a value set against a set of technical criteria to determine if there are errors in the underlying terminology; checking that the metadata within the value set is both complete and correct; creating a process to interact with value set stewards when a change is needed due to an update in terminology; creating a function to challenge a value set and offer space to identify the specific reasons for the challenge (i.e., similar to already existing value sets, use of inappropriate code systems, etc.) as well as offer a function to adjudicate the challenge once it has been resolved; offering a set of tools allowing developers to query the VSAC for existing value sets by clinical concept, meta data, type of quality measure it was included into and others; and offering a method to see how a value set progresses from draft to published status.

*Specialty societies must become involved in value set harmonization efforts.* NQF will be designated as the initial reviewer of value sets to determine feasibility and suitability for inclusion into quality measures based on the criteria recommended by the VSC. However, specialty societies should review the content and coding of value sets that align with their clinical focus to determine whether it is appropriate and of high quality, and to determine if such a value set would replace those that are similar within the VSAC. They would provide the best expertise to evaluate value sets for their quality, in addition prior to the feasibility of including them into a quality measure. It is important the discussions take place to determine how the specialty societies can fill this current gap and effectively and efficiently take over their review in attempt to potentially clean up the existing content within the VSAC as well as setting a standard for future direction.

## **Appendix A: Value Set Committee and Technical Expert Panel**

### **Value Set Committee**

#### **Zahid Butt, MD, FACG (Co-chair)**

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Director, Information Technology Solutions, Duke Heart Center;

Director, Performance Improvement, Duke Heart Center;

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**Nancy Walker, MHA, RHIA**

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## Appendix B: Worksheet for Medication Pilot Test

### Worksheet for Medication Classes

This worksheet is designed to examine specific value sets associated with acute myocardial infarction and its potential overlap with value sets associated with venous thromboembolism. Specifically, we are looking at the following measures in which value sets may overlap: CMS 114v4, CMS100v4, CMS190v4, CMS 108v4, CMS73v4, CMS109v4. A summary of the measures and their intent are below

Measure #	Measure Title	Measure Steward	Measure Intent
CMS100v4	Aspirin Prescribed at Discharge	CMS	Acute myocardial infarction (AMI) patients who are prescribed aspirin at hospital discharge
CMS190v4	Intensive Care Unit Venous Thromboembolism Prophylaxis	The Joint Commission	This measure assesses the number of patients who received VTE prophylaxis or have documentation why no VTE prophylaxis was given the day of or the day after the initial admission (or transfer) to the Intensive Care Unit (ICU) or surgery end date for surgeries that start the day of or the day after ICU admission (or transfer).
CMS108v4	Venous Thromboembolism Prophylaxis	The Joint Commission	This measure assesses the number of patients who received VTE prophylaxis or have documentation why no VTE prophylaxis was given the day of or the day after hospital admission or surgery end date for surgeries that start the day of or the day after hospital admission.

<b>CMS114v4</b>	Incidence of Potentially-Preventable Venous Thromboembolism	The Joint Commission	This measure assesses the number of patients diagnosed with confirmed VTE during hospitalization (not present at admission) who did not receive VTE prophylaxis between hospital admission and the day before the VTE diagnostic testing order date.
<b>CMS 73v4</b>	Venous Thromboembolism Patients with Anticoagulation Overlap Therapy	The Joint Commission	This measure assesses the number of patients diagnosed with confirmed VTE who received an overlap of parenteral (intravenous [IV] or subcutaneous [subcu]) anticoagulation and warfarin therapy. For patients who received less than five days of overlap therapy, they should be discharged on both medications and have a reason for discontinuation of overlap therapy. Overlap therapy should be administered for at least five days with an international normalized ratio (INR) greater than or equal to 2 prior to discontinuation of the parenteral anticoagulation therapy, discharged on both medications or have a reason for discontinuation of overlap therapy.
<b>CMS109v4</b>	Venous Thromboembolism Patients Receiving Unfractionated Heparin with Dosages/Platelet Count Monitoring by Protocol or Nomogram	The Joint Commission	This measure assesses the number of patients diagnosed with confirmed VTE who received intravenous (IV) UFH therapy dosages AND had their platelet counts monitored using

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defined parameters such as a  
nomogram or protocol.

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When engaging in the analysis of value sets, it is critically important to understand the intent of each of the measures that that value sets are contained in. This information is provided below. **It is important to know that the measure intent is provided to assist with the understanding of the value sets contained within these measures. This exercise is not intended for an evaluation of the measure, but rather of the value sets to determine if harmonization is needed.**

The analysis conducted by NQF indicated that the following value sets associated with these measures may have some overlap based on analysis using the Jaccard Index. Index scores that were .49 or above indicated enough overlap to warrant investigation into whether the overlap was intentional and needed, or whether the overlap was redundant and needs to be harmonized. The value sets that indicated some degree of overlap and their intent are described below:

Value Set OID	Value Set Name	Value Set Steward	Value Set Intent
1 2.16.840.1.113762.1.4.1045.31	Other Anticoagulants for AMI	Lantana	This set of values contains medications that are prescribed for anticoagulant therapy at hospital discharge for patients following acute myocardial infarction.
2 2.16.840.1.113883.3.117.1.7.1.134	Oral Factor Xa Inhibitor for VTE Prophylaxis	The Joint Commission	This set of values identifies oral Factor Xa inhibitors indicated for VTE prophylaxis and treatment.
3 2.16.840.1.113883.3.117.1.7.1.211	Injectable Factor Xa Inhibitor for VTE Prophylaxis	The Joint Commission	This set of values contains codes which identify a select medication-an injectable Factor Xa inhibitor-which is used for VTE prophylaxis as well as the direct thrombin inhibitors hirudin, bivalirudin, and argatroban
4 2.16.840.1.113762.1.4.1045.39	Low Dose Unfractionated Heparin for VTE Prophylaxis	The Joint Commission	This set of values contains unfractionated heparin medications with strengths that could reasonably be used for VTE prophylaxis.
5 2.16.840.1.113883.3.117.1.7.1.219	Low Molecular Weight Heparin for VTE Prophylaxis	The Joint Commission	This set of values represents medications used for VTE prophylaxis. The medications are low molecular weight heparins. The medications

				included in this value set are administered parenterally.
6	2.16.840.1.113883.3.117.1.7.1.218	Unfractionated Heparin	The Joint Commission	This set of values identifies patients who receive Unfractionated Heparin as an intravenous infusion.
7	2.16.840.1.113883.3.117.1.7.1.266	Parenteral Anticoagulant	The Joint Commission	This set of values represents anticoagulant medications used for VTE treatment. The medications included in this value set are administered parenterally.

For this exercise, we have identified the overlapping value sets. We have included the Jaccard score so that you are able to ascertain the degree of overlap (the higher the number, the greater the overlap). From these value sets, indicate whether you think this overlap is acceptable based on the intent and the measure they come from, or whether the value sets are redundant and need harmonization. A list of each of the data elements found within these value sets are provided as appendices to this worksheet to be used as a reference.

Jaccard Score	Value Set 1	OID	Measures	Value Set 2	OID	Measures	Value Sets are Distinct	Need Harmonization	Too Ambiguous
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<b>.71</b>	Other Anticoagulants for AMI	2.16.840.1.1	CMS100v4	Oral Factor Xa Inhibitor for VTE Prophylaxis	2.16.840.1.1	CMS114v4
		13762.1.4.10			13883.3.117	
		45.31			.1.7.1.134	CMS73v4
						CMS190v4
						CMS108v4
<b>.55</b>	Low Dose Unfractionated Heparin for VTE Prophylaxis	2.16.840.1.1	CMS190v4	Unfractionated Heparin	2.16.840.1.1	CMS190v4
		13762.1.4.1			13883.3.117	
		045.39	CMS114v4		.1.7.1.218	CMS109v4
			CMS108v4			CMS108v4
<b>.51</b>	Low Molecular Weight Heparin for VTE Prophylaxis	2.16.840.1.1	CMS114v4	Parenteral Anticoagulant	2.16.840.1.1	CMS73v4
		13883.3.117			13883.3.117	
		.1.7.1.219	CMS108v4		.1.7.1.266	
			CMS190v4			



Please ensure that your recommendation aligns as closely as possible with the intent of the measure in which the value set is contained.

#### Appendix: Value Set Data Elements

<b>Value Set Name :</b>	Other Anticoagulants for AMI
OID	2.16.840.1.113762.1.4.1045.31
Type	Extensional
Definition ID (release/update date)	20150430
Steward	Lantana
Program	CMS,MU2 Update 2015-05-01 using this value set

#### Value Set Data Elements

<b>1037045</b>	<b>dabigatran etexilate 150 MG Oral Capsule</b>
1037179	dabigatran etexilate 75 MG Oral Capsule
1114198	rivaroxaban 10 MG Oral Tablet
1232082	rivaroxaban 15 MG Oral Tablet
1232086	rivaroxaban 20 MG Oral Tablet
1364435	apixaban 2.5 MG Oral Tablet
1364445	apixaban 5 MG Oral Tablet

Value Set Name	Oral Factor Xa Inhibitor for VTE Prophylaxis or VTE Treatment
OID	2.16.840.1.113883.3.117.1.7.1.134
Type	Extensional
Definition ID (release/update date)	20150430

Steward	The Joint Commission
Program	CMS,MU2 Update 2015-05-01 using this value set

Value Set Data Elements

<b>1114198</b>	<b>rivaroxaban 10 MG Oral Tablet</b>
1232082	rivaroxaban 15 MG Oral Tablet
1232086	rivaroxaban 20 MG Oral Tablet
1364435	apixaban 2.5 MG Oral Tablet
1364445	apixaban 5 MG Oral Tablet

Value Set Name	Injectable Factor Xa Inhibitor for VTE Prophylaxis
OID	2.16.840.1.113883.3.117.1.7.1.211
Type	Extensional
Definition ID (release/update date)	20150430
Steward	The Joint Commission
Program	CMS,MU2 Update 2015-05-01 using this value set

#### Value Set Data Elements

<b>349308</b>	<b>fondaparinux 5 MG/ML Injectable Solution</b>
545076	Fondaparinux sodium 12.5 MG/ML Injectable Solution
861356	0.8 ML Fondaparinux sodium 12.5 MG/ML Prefilled Syringe
861360	0.5 ML Fondaparinux sodium 5 MG/ML Prefilled Syringe
861363	0.4 ML Fondaparinux sodium 12.5 MG/ML Prefilled Syringe
861365	0.6 ML Fondaparinux sodium 12.5 MG/ML Prefilled Syringe

Value Set Name	Low Dose Unfractionated Heparin for VTE Prophylaxis
OID	2.16.840.1.113762.1.4.1045.39
Type	Extensional
Definition ID (release/update date)	20150430
Steward	The Joint Commission
Program	CMS,MU2 Update 2015-05-01 using this value set

#### Value Set Data Elements

<b>1361568</b>	<b>heparin sodium, porcine 2000 UNT/ML Injectable Solution</b>
1361574	heparin sodium, porcine 20000 UNT/ML Injectable Solution
1361577	heparin sodium, porcine 2500 UNT/ML Injectable Solution
1361615	heparin sodium, porcine 5000 UNT/ML Injectable Solution
1361853	0.5 ML heparin sodium, porcine 10000 UNT/ML Prefilled Syringe
1362831	heparin sodium, porcine 10000 UNT/ML Injectable Solution

Value Set Name Low Molecular Weight Heparin for VTE Prophylaxis

OID 2.16.840.1.113883.3.117.1.7.1.219

Type Extensional

Definition ID (release/update date) 20150430

Steward The Joint Commission

Program CMS,MU2 Update 2015-05-01 using this value set

#### Value Set Data Elements

<b>854228</b>	<b>0.3 ML Enoxaparin sodium 100 MG/ML Prefilled Syringe</b>
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854235	0.4 ML Enoxaparin sodium 100 MG/ML Prefilled Syringe
854238	0.6 ML Enoxaparin sodium 100 MG/ML Prefilled Syringe
854241	0.8 ML Enoxaparin sodium 100 MG/ML Prefilled Syringe
854245	0.8 ML Enoxaparin sodium 150 MG/ML Prefilled Syringe
854248	1 ML Enoxaparin sodium 100 MG/ML Prefilled Syringe
854252	1 ML Enoxaparin sodium 150 MG/ML Prefilled Syringe
854255	Enoxaparin sodium 100 MG/ML Injectable Solution
854258	Enoxaparin sodium 150 MG/ML Injectable Solution
978713	Tinzaparin sodium 20000 UNT/ML Injectable Solution
978717	Tinzaparin sodium 10000 UNT/ML Injectable Solution
978725	0.2 ML Dalteparin Sodium 12500 UNT/ML Prefilled Syringe
978733	0.2 ML Dalteparin Sodium 25000 UNT/ML Prefilled Syringe
978736	0.3 ML Dalteparin Sodium 25000 UNT/ML Prefilled Syringe
978738	0.4 ML Dalteparin Sodium 25000 UNT/ML Prefilled Syringe

978740	0.5 ML Dalteparin Sodium 25000 UNT/ML Prefilled Syringe
978744	0.6 ML Dalteparin Sodium 25000 UNT/ML Prefilled Syringe
978746	0.72 ML Dalteparin Sodium 25000 UNT/ML Prefilled Syringe
978755	1 ML Dalteparin Sodium 10000 UNT/ML Prefilled Syringe
978759	Dalteparin Sodium 10000 UNT/ML Injectable Solution
978761	Dalteparin Sodium 12500 UNT/ML Injectable Solution
978777	Dalteparin Sodium 25000 UNT/ML Injectable Solution

Value Set Name	Oral Factor Xa Inhibitor for VTE Prophylaxis or VTE Treatment
OID	2.16.840.1.113883.3.117.1.7.1.134
Type	Extensional
Definition ID (release/update date)	20150430
Steward	The Joint Commission
Program	CMS,MU2 Update 2015-05-01 using this value set

Value Set Data Elements

<b>1114198</b>	<b>rivaroxaban 10 MG Oral Tablet</b>
1232082	rivaroxaban 15 MG Oral Tablet
1232086	rivaroxaban 20 MG Oral Tablet

1364435	apixaban 2.5 MG Oral Tablet
1364445	apixaban 5 MG Oral Tablet

Value Set Name	Unfractionated Heparin
OID	2.16.840.1.113883.3.117.1.7.1.218
Type	Extensional
Definition ID (release/update date)	20150430
Steward	TJC EH Steward
Author	TJC EH Author

#### Value Set Data Elements

<b>1361048</b>	<b>heparin sodium, porcine 100 UNT/ML Injectable Solution</b>
1361226	heparin sodium, porcine 1000 UNT/ML Injectable Solution
1361568	heparin sodium, porcine 2000 UNT/ML Injectable Solution
1361574	heparin sodium, porcine 20000 UNT/ML Injectable Solution
1361577	heparin sodium, porcine 2500 UNT/ML Injectable Solution
1361607	heparin sodium, porcine 40 UNT/ML Injectable Solution
1361613	heparin sodium, porcine 50 UNT/ML Injectable Solution



1361615	heparin sodium, porcine 5000 UNT/ML Injectable Solution
1362831	heparin sodium, porcine 10000 UNT/ML Injectable Solution
1362837	heparin sodium, porcine 12500 UNT/ML Injectable Solution

Value Set Name	Parenteral Anticoagulant
OID	2.16.840.1.113883.3.117.1.7.1.266
Type	Extensional
Definition ID (release/update date)	20150430
Steward	TJC EH Steward
Author	TJC EH Author

#### Value Set Data Elements

<b>1110708</b>	<b>argatroban 1 MG/ML Injectable Solution</b>
1361048	heparin sodium, porcine 100 UNT/ML Injectable Solution
1361226	heparin sodium, porcine 1000 UNT/ML Injectable Solution
1361568	heparin sodium, porcine 2000 UNT/ML Injectable Solution
1361574	heparin sodium, porcine 20000 UNT/ML Injectable Solution
1361577	heparin sodium, porcine 2500 UNT/ML Injectable Solution

1361607	heparin sodium, porcine 40 UNT/ML Injectable Solution
1361613	heparin sodium, porcine 50 UNT/ML Injectable Solution
1361615	heparin sodium, porcine 5000 UNT/ML Injectable Solution
1361853	0.5 ML heparin sodium, porcine 10000 UNT/ML Prefilled Syringe
1362831	heparin sodium, porcine 10000 UNT/ML Injectable Solution
1362837	heparin sodium, porcine 12500 UNT/ML Injectable Solution
200322	lepirudin 50 MG/ML Injectable Solution
308351	argatroban 100 MG/ML Injectable Solution
308769	bivalirudin 50 MG/ML Injectable Solution
349308	fondaparinux 5 MG/ML Injectable Solution
545076	Fondaparinux sodium 12.5 MG/ML Injectable Solution
854228	0.3 ML Enoxaparin sodium 100 MG/ML Prefilled Syringe
854235	0.4 ML Enoxaparin sodium 100 MG/ML Prefilled Syringe
854238	0.6 ML Enoxaparin sodium 100 MG/ML Prefilled Syringe
854241	0.8 ML Enoxaparin sodium 100 MG/ML Prefilled Syringe
854245	0.8 ML Enoxaparin sodium 150 MG/ML Prefilled Syringe

854248	1 ML Enoxaparin sodium 100 MG/ML Prefilled Syringe
854252	1 ML Enoxaparin sodium 150 MG/ML Prefilled Syringe
854255	Enoxaparin sodium 100 MG/ML Injectable Solution
854258	Enoxaparin sodium 150 MG/ML Injectable Solution
861356	0.8 ML Fondaparinux sodium 12.5 MG/ML Prefilled Syringe
861360	0.5 ML Fondaparinux sodium 5 MG/ML Prefilled Syringe
861363	0.4 ML Fondaparinux sodium 12.5 MG/ML Prefilled Syringe
861365	0.6 ML Fondaparinux sodium 12.5 MG/ML Prefilled Syringe
978713	Tinzaparin sodium 20000 UNT/ML Injectable Solution
978717	Tinzaparin sodium 10000 UNT/ML Injectable Solution
978725	0.2 ML Dalteparin Sodium 12500 UNT/ML Prefilled Syringe
978733	0.2 ML Dalteparin Sodium 25000 UNT/ML Prefilled Syringe
978736	0.3 ML Dalteparin Sodium 25000 UNT/ML Prefilled Syringe
978738	0.4 ML Dalteparin Sodium 25000 UNT/ML Prefilled Syringe

978740	0.5 ML Dalteparin Sodium 25000 UNT/ML Prefilled Syringe
978744	0.6 ML Dalteparin Sodium 25000 UNT/ML Prefilled Syringe
978746	0.72 ML Dalteparin Sodium 25000 UNT/ML Prefilled Syringe
978755	1 ML Dalteparin Sodium 10000 UNT/ML Prefilled Syringe
978759	Dalteparin Sodium 10000 UNT/ML Injectable Solution
978761	Dalteparin Sodium 12500 UNT/ML Injectable Solution
978777	Dalteparin Sodium 25000 UNT/ML Injectable Solution

## Appendix C: Worksheet for Behavioral and Mental Health Diagnoses Pilot Test

### Worksheet for Behavioral and Mental Health Value Sets

This worksheet is designed to examine specific value sets associated with diagnosis of depression, and potential overlap with value sets associated with bipolar conditions and general mental health diagnoses. We are looking at the following measures in which value sets may overlap or are otherwise duplicative. A summary of the measures and their intent are below

Measure #	Measure Title	Measure Steward	Measure Intent
<b>CMS160v4</b>	Depression Utilization of the PHQ-9 Tool	MN Community Measurement	Adult patients age 18 and older with the diagnosis of major depression or dysthymia who have a PHQ-9 tool administered at least once during a 4-month

			period in which there was a qualifying visit.
<b>CMS159v4</b>	Depression Remission at Twelve Months	MN Community Measurement	Adult patients age 18 and older with major depression or dysthymia and an initial PHQ-9 score > 9 who demonstrate remission at twelve months defined as PHQ-9 score less than 5. This measure applies to both patients with newly diagnosed and existing depression whose current PHQ-9 score indicates a need for treatment
<b>CMS32v5</b>	Median Time from ED Arrival to ED Departure for Discharged ED Patients	Centers for Medicare & Medicaid Services	Median elapsed time from emergency department arrival to emergency room departure for patients discharged from the emergency department
<b>CMS111v4</b>	Centers for Medicare & Medicaid Services	Centers for Medicare & Medicaid Services	Median time (in minutes) from admit decision time to time of discharge from the emergency department for emergency department patients admitted to inpatient status.
<b>CMS55v4</b>	Median Time from ED Arrival to ED Departure for Admitted ED Patients	Centers for Medicare & Medicaid Services	Median time from emergency department admission to time of discharge from the emergency room for patients admitted to the facility from the emergency department.
<b>CMS169v4</b>	Bipolar Disorder and Major Depression: Appraisal for alcohol or chemical substance use	Centers for Medicare & Medicaid Services	Percentage of patients with depression or bipolar disorder with evidence of an initial assessment that includes an appraisal for alcohol or chemical substance use.

<b>CMS2v5</b>	Preventive Care and Screening: Screening for Clinical Depression and Follow-Up Plan	Centers for Medicare & Medicaid Services	Percentage of patients aged 12 years and older screened for clinical depression on the date of the encounter using an age appropriate standardized depression screening tool AND if positive, a follow-up plan is documented on the date of the positive screen.
<b>CMS108v4</b>	Venous Thromboembolism Prophylaxis	The Joint Commission	This measure assesses the number of patients who received VTE prophylaxis or have documentation why no VTE prophylaxis was given the day of or the day after hospital admission or surgery end date for surgeries that start the day of or the day after hospital admission.
<b>CMS190v4</b>	Intensive Care Unit Venous Thromboembolism Prophylaxis	The Joint Commission	This measure assesses the number of patients who received VTE prophylaxis or have documentation why no VTE prophylaxis was given the day of or the day after the initial admission (or transfer) to the Intensive Care Unit (ICU) or surgery end date for surgeries that start the day of or the day after ICU admission (or transfer).
<b>CMS136v5</b>	ADHD: Follow-Up Care for Children Prescribed Attention-Deficit/Hyperactivity Disorder (ADHD) Medication	National Committee for Quality Assurance	Percentage of children 6-12 years of age and newly dispensed a medication for attention-deficit/hyperactivity disorder (ADHD) who had appropriate follow-up care. Two rates are reported.

			<p>Percentage of children who had one follow-up visit with a practitioner with prescribing authority during the 30-Day Initiation Phase.</p> <p>Percentage of children who remained on ADHD medication for at least 210 days and who, in addition to the visit in the Initiation Phase, had at least two additional follow-up visits with a practitioner within 270 days (9 months) after the Initiation Phase ended.</p>
<b>CMS128V4</b>	Anti-depressant Medication Management	National Committee for Quality Assurance	<p>Percentage of patients 18 years of age and older who were diagnosed with major depression and treated with antidepressant medication, and who remained on antidepressant medication treatment. Two rates are reported.</p> <p>a. Percentage of patients who remained on an antidepressant medication for at least 84 days (12 weeks).</p> <p>b. Percentage of patients who remained on an antidepressant medication for at least 180 days (6 months).</p>
<b>CMS161v4</b>	Adult Major Depressive Disorder (MDD): Suicide Risk Assessment	American Medical Association-convened Physician Consortium for Performance	Percentage of patients aged 18 years and older with a diagnosis of major depressive disorder (MDD) with a suicide risk assessment completed during the visit in which a new

		Improvement(R) (AMA-PCPI)	diagnosis or recurrent episode was identified
<b>CMS177v4</b>	Child and Adolescent Major Depressive Disorder (MDD): Suicide Risk Assessment	American Medical Association- convened Physician Consortium for Performance Improvement(R) (AMA-PCPI)	Percentage of patient visits for those patients aged 6 through 17 years with a diagnosis of major depressive disorder with an assessment for suicide risk

In this worksheet, there are measures that are not directly related to behavioral or mental health, but the value sets that are present in behavioral or mental health measures are also present in these. Therefore, when engaging in the analysis of value sets, it is critically important to understand the intent of each of the measures that that value sets are contained in. This information is provided below. **It is important to know that the measure intent is provided to assist with the understanding of the value sets contained within these measures. This exercise is not intended for an evaluation of the measure, but rather of the value sets to determine if harmonization is needed.**

The analysis conducted by NQF indicated that the following value sets associated with these measures may have some overlap based on analysis using the Jaccard Index. Index scores that were .49 or above indicated enough overlap to warrant investigation into whether the overlap was intentional and needed, or whether the overlap was redundant and needs to be harmonized. The value sets that indicated some degree of overlap and their intent are described below:



Value Set OID	Value Set Name	Value Set Steward	Value Set Intent
1 2.16.840.1.113883.3.67.1.101.1.44	Bipolar Disorder	MN Community Measurement	Under development
2 2.16.840.1.113883.3.1257.1.1804	BH Condition involving bipolar disorder SNOMED-CT	Center for Quality Assessment and Improvement in Mental Health	Under development
3 2.16.840.1.113883.3.600.449	Bipolar Diagnosis SNOMED-CT	Quality Insights of Pennsylvania	This set of values includes a current or recent diagnosis of bipolar disorder that be chronic, mild or severe. The bipolar disorder can be bipolar I or II and can also include depression.
4 2.16.840.1.113883.3.117.1.7.1.298	Psychiatric/Mental Health Patient	Lantana	This set of values contains diagnoses that are commonly used in the inpatient setting for psychiatric and mental health disorders.
5 2.16.840.1.113883.3.117.1.7.1.343	Mental Disorders SNOMED-CT	The Joint Commission	This set of values identifies patients who have a mental disorder.
6 2.16.840.1.113883.3.464.1003.105.11.1010	Mental Health Diagnoses	National Committee for	None provided

Quality Assurance				
7	2.16.840.1.113883.3.1257.1.1803	BH Condition involving unipolar depression SNOMED-CT	Center for Quality Assessment and Improvement in Mental Health	Under Development
8	2.16.840.1.113883.3.464.1003.105.11.1017	Major Depression	National Committee for Quality Assurance	None provided
9	2.16.840.1.113883.3.526.2.1912	Major Depressive Disorder-Active	American Medical Association-convened Physician Consortium for Performance Improvement(R)	Under Development
10	2.16.840.1.113883.3.600.141	Depression Diagnosis SNOMED-CT	Quality Insights of Pennsylvania	This set of values includes diagnoses of major depression including both single and recurrent with mild, moderate and severe episodes. It also includes chronic and recurrent major depressive disorders with mixed anxiety.

For this exercise, we have identified the overlapping value sets. We have included the Jaccard score so that you are able to ascertain the degree of overlap (the higher the number, the greater the overlap). From these value sets, indicate whether you think this overlap is acceptable based on the intent and the measure they come from, or whether the value sets are redundant and need harmonization. A list of each of the value set members found within these value sets are provided as appendices to this worksheet to be used as a reference.

Jaccard Score	Value Set 1	OID	Measures	Value Set 2	OID	Measures	Distinct Value Sets are	Need Harmonization	Too Ambiguous
.79	Bipolar Disorder	2.16.840.1.11 3883.3.67.1.1 01.1.44	160v4, 159v4	BH Condition involving bipolar disorder SNOMED-CT	2.16.840.1.113883 .3.1257.1.1804	169v4			
.95	Bipolar Disorder	2.16.840.1.11 3883.3.67.1.1 01.1.44	160v4, 159v4	Bipolar Diagnosis SNOMED-CT	2.16.840.1.113883 .3.600.449	2v5			
.78	Psychiatric/Mental Health Patient	2.16.840.1.11 3883.3.117.1. 7.1.298	32v5, 111v4, 55v4	Mental Disorders SNOMED-CT	2.16.840.1.113883 .3.117.1.7.1.343	108v4, 190v4			
.63	Psychiatric/Mental Health Patient	2.16.840.1.11 3883.3.117.1. 7.1.298	32v5, 111v4, 55v4	Mental Health Diagnoses	2.16.840.1.113883 .3.464.1003.105.1 1.1010	136v5			

<b>.74</b>	BH Condition involving unipolar depression SNOMED-CT	2.16.840.1.11 3883.3.1257.1 .1803	169v4	Major Depression	2.16.840.1.113883 .3.464.1003.105.1 1.1017	128v4, 159v4, 160v4
<b>.78</b>	BH Condition involving unipolar depression SNOMED-CT	2.16.840.1.11 3883.3.1257.1 .1803	169v4	Major Depressive Disorder-Active	2.16.840.1.113883 .3.526.2.1912	177v4, 161v4
<b>.56</b>	BH Condition involving unipolar depression SNOMED-CT	2.16.840.1.11 3883.3.1257.1 .1803	169v4	Depression Diagnosis SNOMED-CT	2.16.840.1.113883 .3.600.141	2v5

Please ensure that your recommendation aligns as closely as possible with the intent of the measure in which the value set is contained.

#### Value Set Members

<b>Value Set Name :</b>	Bipolar Disorder
OID	2.16.840.1.113883.3.67.1.101.1.44
Type	Extensional
Definition ID (release/update date)	20150430
Steward	MN Community Measurement
Program	CMS,MU2 Update 2015-05-01 using this value set

#### Value Set Members

10875004	Severe mixed bipolar I disorder with psychotic features, mood-incongruent (disorder)
10981006	Severe mixed bipolar I disorder with psychotic features (disorder)
111485001	Mixed bipolar I disorder in full remission (disorder)
1196001	Chronic bipolar II disorder, most recent episode major depressive (disorder)
12969000	Severe bipolar II disorder, most recent episode major depressive, in full remission (disorder)
13313007	Mild bipolar disorder (disorder)
13581000	Severe bipolar I disorder, single manic episode with psychotic features, mood-congruent (disorder)
13746004	Bipolar disorder (disorder)
14495005	Severe bipolar I disorder, single manic episode without psychotic features (disorder)
1499003	Bipolar I disorder, single manic episode with postpartum onset (disorder)
162004	Severe manic bipolar I disorder without psychotic features (disorder)
16295005	Bipolar II disorder, most recent episode major depressive (disorder)
16506000	Mixed bipolar I disorder (disorder)
17782008	Bipolar I disorder, most recent episode manic with catatonic features (disorder)
191618007	Bipolar affective disorder, current episode manic (disorder)
191620005	Bipolar affective disorder, currently manic, mild (disorder)
191621009	Bipolar affective disorder, currently manic, moderate (disorder)
191623007	Bipolar affective disorder, currently manic, severe, with psychosis (disorder)
191625000	Bipolar affective disorder, currently manic, in full remission (disorder)
191627008	Bipolar affective disorder, current episode depression (disorder)
191629006	Bipolar affective disorder, currently depressed, mild (disorder)

191630001	Bipolar affective disorder, currently depressed, moderate (disorder)
191632009	Bipolar affective disorder, currently depressed, severe, with psychosis (disorder)
191634005	Bipolar affective disorder, currently depressed, in full remission (disorder)
191636007	Mixed bipolar affective disorder (disorder)
191638008	Mixed bipolar affective disorder, mild (disorder)
191639000	Mixed bipolar affective disorder, moderate (disorder)
191641004	Mixed bipolar affective disorder, severe, with psychosis (disorder)
191643001	Mixed bipolar affective disorder, in full remission (disorder)
192362008	Bipolar affective disorder, current episode mixed (disorder)
19300006	Severe bipolar II disorder, most recent episode major depressive with psychotic features, mood-congruent (disorder)
20960007	Severe bipolar II disorder, most recent episode major depressive with psychotic features, mood-incongruent (disorder)
21900002	Bipolar I disorder, most recent episode depressed with catatonic features (disorder)
22121000	Depressed bipolar I disorder in full remission (disorder)
22407005	Bipolar II disorder, most recent episode major depressive with catatonic features (disorder)
26203008	Severe depressed bipolar I disorder with psychotic features, mood-incongruent (disorder)
26530004	Severe bipolar disorder with psychotic features, mood-incongruent (disorder)
28663008	Severe manic bipolar I disorder with psychotic features (disorder)
28884001	Moderate bipolar I disorder, single manic episode (disorder)
29929003	Bipolar I disorder, most recent episode depressed with atypical features (disorder)
30520009	Severe bipolar II disorder, most recent episode major depressive with psychotic features (disorder)
30687003	Bipolar II disorder, most recent episode major depressive with postpartum onset (disorder)
30935000	Manic bipolar I disorder in full remission (disorder)
31446002	Bipolar I disorder, most recent episode hypomanic (disorder)
33380008	Severe manic bipolar I disorder with psychotic features, mood-incongruent (disorder)
34315001	Bipolar II disorder, most recent episode major depressive with melancholic features (disorder)
3530005	Bipolar I disorder, single manic episode, in full remission (disorder)
35481005	Mixed bipolar I disorder in remission (disorder)
35722002	Severe bipolar II disorder, most recent episode major depressive, in remission (disorder)
35846004	Moderate bipolar II disorder, most recent episode major depressive (disorder)
36583000	Mixed bipolar I disorder in partial remission (disorder)
371596008	Bipolar I disorder (disorder)
371599001	Severe bipolar I disorder (disorder)
371600003	Severe bipolar disorder (disorder)
371604007	Severe bipolar II disorder (disorder)

40926005	Moderate mixed bipolar I disorder (disorder)
41552001	Mild bipolar I disorder, single manic episode (disorder)
41832009	Severe bipolar I disorder, single manic episode with psychotic features (disorder)
41836007	Bipolar disorder in full remission (disorder)
43568002	Bipolar II disorder, most recent episode major depressive with atypical features (disorder)
43769008	Mild mixed bipolar I disorder (disorder)
4441000	Severe bipolar disorder with psychotic features (disorder)
45479006	Manic bipolar I disorder in remission (disorder)
46229002	Severe mixed bipolar I disorder without psychotic features (disorder)
48937005	Bipolar II disorder, most recent episode hypomanic (disorder)
49468007	Depressed bipolar I disorder (disorder)
49512000	Depressed bipolar I disorder in partial remission (disorder)
51637008	Chronic bipolar I disorder, most recent episode depressed (disorder)
53049002	Severe bipolar disorder without psychotic features (disorder)
53607008	Depressed bipolar I disorder in remission (disorder)
54761006	Severe depressed bipolar I disorder with psychotic features, mood-congruent (disorder)
55516002	Bipolar I disorder, most recent episode manic with postpartum onset (disorder)
5703000	Bipolar disorder in partial remission (disorder)
59617007	Severe depressed bipolar I disorder with psychotic features (disorder)
61403008	Severe depressed bipolar I disorder without psychotic features (disorder)
63249007	Manic bipolar I disorder in partial remission (disorder)
64731001	Severe mixed bipolar I disorder with psychotic features, mood-congruent (disorder)
65042007	Bipolar I disorder, most recent episode mixed with postpartum onset (disorder)
66631006	Moderate depressed bipolar I disorder (disorder)
67002003	Severe bipolar II disorder, most recent episode major depressive, in partial remission (disorder)
68569003	Manic bipolar I disorder (disorder)
70546001	Severe bipolar disorder with psychotic features, mood-congruent (disorder)
71294008	Mild bipolar II disorder, most recent episode major depressive (disorder)
71984005	Mild manic bipolar I disorder (disorder)
73471000	Bipolar I disorder, most recent episode mixed with catatonic features (disorder)
74686005	Mild depressed bipolar I disorder (disorder)
75360000	Bipolar I disorder, single manic episode, in remission (disorder)
75752004	Bipolar I disorder, most recent episode depressed with melancholic features (disorder)
78269000	Bipolar I disorder, single manic episode, in partial remission (disorder)
78640000	Severe manic bipolar I disorder with psychotic features, mood-congruent (disorder)
79584002	Moderate bipolar disorder (disorder)
81319007	Severe bipolar II disorder, most recent episode major depressive without psychotic features (disorder)



82998009	Moderate manic bipolar I disorder (disorder)
83225003	Bipolar II disorder (disorder)
85248005	Bipolar disorder in remission (disorder)
86058007	Severe bipolar I disorder, single manic episode with psychotic features, mood-incongruent (disorder)
87203005	Bipolar I disorder, most recent episode depressed with postpartum onset (disorder)
87950005	Bipolar I disorder, single manic episode with catatonic features (disorder)
9340000	Bipolar I disorder, single manic episode (disorder)

Value Set Name	BH Condition involving bipolar disorder SNOMED-CT
OID	2.16.840.1.113883.3.1257.1.1804
Type	Extensional
Definition ID (release/update date)	20150430
Steward	Center for Quality Assessment and Improvement in Mental Health
Program	CMS, MU2 Update 2015-05-01 using this value set

#### Value Set Members

10875004	Severe mixed bipolar I disorder with psychotic features, mood-incongruent (disorder)
10981006	Severe mixed bipolar I disorder with psychotic features (disorder)
1196001	Chronic bipolar II disorder, most recent episode major depressive (disorder)
13313007	Mild bipolar disorder (disorder)
13581000	Severe bipolar I disorder, single manic episode with psychotic features, mood-congruent (disorder)
13746004	Bipolar disorder (disorder)
14495005	Severe bipolar I disorder, single manic episode without psychotic features (disorder)

1499003	Bipolar I disorder, single manic episode with postpartum onset (disorder)
162004	Severe manic bipolar I disorder without psychotic features (disorder)
16295005	Bipolar II disorder, most recent episode major depressive (disorder)
16506000	Mixed bipolar I disorder (disorder)
17782008	Bipolar I disorder, most recent episode manic with catatonic features (disorder)
191583000	Single manic episode, mild (disorder)
191584006	Single manic episode, moderate (disorder)
191586008	Single manic episode, severe, with psychosis (disorder)
191590005	Recurrent manic episodes (disorder)
191592002	Recurrent manic episodes, mild (disorder)
191593007	Recurrent manic episodes, moderate (disorder)
191595000	Recurrent manic episodes, severe, with psychosis (disorder)
191618007	Bipolar affective disorder, current episode manic (disorder)
191620005	Bipolar affective disorder, currently manic, mild (disorder)
191621009	Bipolar affective disorder, currently manic, moderate (disorder)
191623007	Bipolar affective disorder, currently manic, severe, with psychosis (disorder)
191627008	Bipolar affective disorder, current episode depression (disorder)
191629006	Bipolar affective disorder, currently depressed, mild (disorder)
191630001	Bipolar affective disorder, currently depressed, moderate (disorder)
191632009	Bipolar affective disorder, currently depressed, severe, with psychosis (disorder)
191636007	Mixed bipolar affective disorder (disorder)
191638008	Mixed bipolar affective disorder, mild (disorder)
191639000	Mixed bipolar affective disorder, moderate (disorder)

191641004	Mixed bipolar affective disorder, severe, with psychosis (disorder)
191658009	Atypical manic disorder (disorder)
192362008	Bipolar affective disorder, current episode mixed (disorder)
19300006	Severe bipolar II disorder, most recent episode major depressive with psychotic features, mood-congruent (disorder)
20960007	Severe bipolar II disorder, most recent episode major depressive with psychotic features, mood-incongruent (disorder)
21900002	Bipolar I disorder, most recent episode depressed with catatonic features (disorder)
22407005	Bipolar II disorder, most recent episode major depressive with catatonic features (disorder)
231444002	Organic bipolar disorder (disorder)
231494001	Mania (disorder)
231495000	Manic stupor (disorder)
231496004	Hypomania (disorder)
26203008	Severe depressed bipolar I disorder with psychotic features, mood-incongruent (disorder)
26530004	Severe bipolar disorder with psychotic features, mood-incongruent (disorder)
268619003	Manic disorder, single episode (disorder)
28663008	Severe manic bipolar I disorder with psychotic features (disorder)
28884001	Moderate bipolar I disorder, single manic episode (disorder)
29929003	Bipolar I disorder, most recent episode depressed with atypical features (disorder)
30520009	Severe bipolar II disorder, most recent episode major depressive with psychotic features (disorder)
30687003	Bipolar II disorder, most recent episode major depressive with postpartum onset (disorder)

31446002	Bipolar I disorder, most recent episode hypomanic (disorder)
33380008	Severe manic bipolar I disorder with psychotic features, mood-incongruent (disorder)
34315001	Bipolar II disorder, most recent episode major depressive with melancholic features (disorder)
35481005	Mixed bipolar I disorder in remission (disorder)
35722002	Severe bipolar II disorder, most recent episode major depressive, in remission (disorder)
35846004	Moderate bipolar II disorder, most recent episode major depressive (disorder)
36583000	Mixed bipolar I disorder in partial remission (disorder)
371596008	Bipolar I disorder (disorder)
371599001	Severe bipolar I disorder (disorder)
371600003	Severe bipolar disorder (disorder)
371604007	Severe bipolar II disorder (disorder)
40926005	Moderate mixed bipolar I disorder (disorder)
41552001	Mild bipolar I disorder, single manic episode (disorder)
41832009	Severe bipolar I disorder, single manic episode with psychotic features (disorder)
41932008	Amok (disorder)
43568002	Bipolar II disorder, most recent episode major depressive with atypical features (disorder)
43769008	Mild mixed bipolar I disorder (disorder)
4441000	Severe bipolar disorder with psychotic features (disorder)
45479006	Manic bipolar I disorder in remission (disorder)
46229002	Severe mixed bipolar I disorder without psychotic features (disorder)
48937005	Bipolar II disorder, most recent episode hypomanic (disorder)

49468007	Depressed bipolar I disorder (disorder)
49512000	Depressed bipolar I disorder in partial remission (disorder)
51637008	Chronic bipolar I disorder, most recent episode depressed (disorder)
53049002	Severe bipolar disorder without psychotic features (disorder)
53607008	Depressed bipolar I disorder in remission (disorder)
54761006	Severe depressed bipolar I disorder with psychotic features, mood-congruent (disorder)
55516002	Bipolar I disorder, most recent episode manic with postpartum onset (disorder)
5703000	Bipolar disorder in partial remission (disorder)
59617007	Severe depressed bipolar I disorder with psychotic features (disorder)
61403008	Severe depressed bipolar I disorder without psychotic features (disorder)
63249007	Manic bipolar I disorder in partial remission (disorder)
64731001	Severe mixed bipolar I disorder with psychotic features, mood-congruent (disorder)
65042007	Bipolar I disorder, most recent episode mixed with postpartum onset (disorder)
66631006	Moderate depressed bipolar I disorder (disorder)
67002003	Severe bipolar II disorder, most recent episode major depressive, in partial remission (disorder)
68569003	Manic bipolar I disorder (disorder)
70546001	Severe bipolar disorder with psychotic features, mood-congruent (disorder)
71294008	Mild bipolar II disorder, most recent episode major depressive (disorder)
71984005	Mild manic bipolar I disorder (disorder)
73471000	Bipolar I disorder, most recent episode mixed with catatonic features (disorder)
74686005	Mild depressed bipolar I disorder (disorder)
75360000	Bipolar I disorder, single manic episode, in remission (disorder)

75752004	Bipolar I disorder, most recent episode depressed with melancholic features (disorder)
76105009	Cyclothymia (disorder)
78269000	Bipolar I disorder, single manic episode, in partial remission (disorder)
78640000	Severe manic bipolar I disorder with psychotic features, mood-congruent (disorder)
79584002	Moderate bipolar disorder (disorder)
81319007	Severe bipolar II disorder, most recent episode major depressive without psychotic features (disorder)
82998009	Moderate manic bipolar I disorder (disorder)
83225003	Bipolar II disorder (disorder)
85248005	Bipolar disorder in remission (disorder)
86058007	Severe bipolar I disorder, single manic episode with psychotic features, mood-incongruent (disorder)
87203005	Bipolar I disorder, most recent episode depressed with postpartum onset (disorder)
87950005	Bipolar I disorder, single manic episode with catatonic features (disorder)
9340000	Bipolar I disorder, single manic episode (disorder)

Value Set Name	Bipolar Diagnosis SNOMED-CT
OID	2.16.840.1.113883.3.600.449
Type	Extensional
Definition ID (release/update date)	20150430
Steward	Quality Insights of Pennsylvania
Program	CMS, MU2 Update 2015-05-01 using this value set

# Value Set Members

10875004	Severe mixed bipolar I disorder with psychotic features, mood-incongruent (disorder)
10981006	Severe mixed bipolar I disorder with psychotic features (disorder)
111485001	Mixed bipolar I disorder in full remission (disorder)
1196001	Chronic bipolar II disorder, most recent episode major depressive (disorder)
13313007	Mild bipolar disorder (disorder)
13581000	Severe bipolar I disorder, single manic episode with psychotic features, mood-congruent (disorder)
13746004	Bipolar disorder (disorder)
14495005	Severe bipolar I disorder, single manic episode without psychotic features (disorder)
1499003	Bipolar I disorder, single manic episode with postpartum onset (disorder)
162004	Severe manic bipolar I disorder without psychotic features (disorder)
16295005	Bipolar II disorder, most recent episode major depressive (disorder)
16506000	Mixed bipolar I disorder (disorder)
17782008	Bipolar I disorder, most recent episode manic with catatonic features (disorder)
191618007	Bipolar affective disorder, current episode manic (disorder)
191620005	Bipolar affective disorder, currently manic, mild (disorder)
191621009	Bipolar affective disorder, currently manic, moderate (disorder)
191623007	Bipolar affective disorder, currently manic, severe, with psychosis (disorder)
191625000	Bipolar affective disorder, currently manic, in full remission (disorder)
191627008	Bipolar affective disorder, current episode depression (disorder)
191629006	Bipolar affective disorder, currently depressed, mild (disorder)
191630001	Bipolar affective disorder, currently depressed, moderate (disorder)
191632009	Bipolar affective disorder, currently depressed, severe, with psychosis (disorder)
191634005	Bipolar affective disorder, currently depressed, in full remission (disorder)
191636007	Mixed bipolar affective disorder (disorder)
191638008	Mixed bipolar affective disorder, mild (disorder)
191639000	Mixed bipolar affective disorder, moderate (disorder)
191641004	Mixed bipolar affective disorder, severe, with psychosis (disorder)
191643001	Mixed bipolar affective disorder, in full remission (disorder)
192362008	Bipolar affective disorder, current episode mixed (disorder)
19300006	Severe bipolar II disorder, most recent episode major depressive with psychotic features, mood-congruent (disorder)
20960007	Severe bipolar II disorder, most recent episode major depressive with psychotic features, mood-incongruent (disorder)
21900002	Bipolar I disorder, most recent episode depressed with catatonic features (disorder)
22121000	Depressed bipolar I disorder in full remission (disorder)
22407005	Bipolar II disorder, most recent episode major depressive with catatonic features (disorder)
231444002	Organic bipolar disorder (disorder)

26203008	Severe depressed bipolar I disorder with psychotic features, mood-incongruent (disorder)
26530004	Severe bipolar disorder with psychotic features, mood-incongruent (disorder)
28663008	Severe manic bipolar I disorder with psychotic features (disorder)
28884001	Moderate bipolar I disorder, single manic episode (disorder)
29929003	Bipolar I disorder, most recent episode depressed with atypical features (disorder)
30520009	Severe bipolar II disorder, most recent episode major depressive with psychotic features (disorder)
30687003	Bipolar II disorder, most recent episode major depressive with postpartum onset (disorder)
30935000	Manic bipolar I disorder in full remission (disorder)
31446002	Bipolar I disorder, most recent episode hypomanic (disorder)
33380008	Severe manic bipolar I disorder with psychotic features, mood-incongruent (disorder)
34315001	Bipolar II disorder, most recent episode major depressive with melancholic features (disorder)
3530005	Bipolar I disorder, single manic episode, in full remission (disorder)
35481005	Mixed bipolar I disorder in remission (disorder)
35846004	Moderate bipolar II disorder, most recent episode major depressive (disorder)
36583000	Mixed bipolar I disorder in partial remission (disorder)
371596008	Bipolar I disorder (disorder)
371599001	Severe bipolar I disorder (disorder)
371600003	Severe bipolar disorder (disorder)
371604007	Severe bipolar II disorder (disorder)
38368003	Schizoaffective disorder, bipolar type (disorder)
40926005	Moderate mixed bipolar I disorder (disorder)
41552001	Mild bipolar I disorder, single manic episode (disorder)
41832009	Severe bipolar I disorder, single manic episode with psychotic features (disorder)
41836007	Bipolar disorder in full remission (disorder)
43568002	Bipolar II disorder, most recent episode major depressive with atypical features (disorder)
43769008	Mild mixed bipolar I disorder (disorder)
4441000	Severe bipolar disorder with psychotic features (disorder)
45479006	Manic bipolar I disorder in remission (disorder)
46229002	Severe mixed bipolar I disorder without psychotic features (disorder)
48937005	Bipolar II disorder, most recent episode hypomanic (disorder)
49468007	Depressed bipolar I disorder (disorder)
49512000	Depressed bipolar I disorder in partial remission (disorder)
51637008	Chronic bipolar I disorder, most recent episode depressed (disorder)
53049002	Severe bipolar disorder without psychotic features (disorder)
53607008	Depressed bipolar I disorder in remission (disorder)



54761006	Severe depressed bipolar I disorder with psychotic features, mood-congruent (disorder)
55516002	Bipolar I disorder, most recent episode manic with postpartum onset (disorder)
5703000	Bipolar disorder in partial remission (disorder)
59617007	Severe depressed bipolar I disorder with psychotic features (disorder)
61403008	Severe depressed bipolar I disorder without psychotic features (disorder)
63249007	Manic bipolar I disorder in partial remission (disorder)
64731001	Severe mixed bipolar I disorder with psychotic features, mood-congruent (disorder)
65042007	Bipolar I disorder, most recent episode mixed with postpartum onset (disorder)
66631006	Moderate depressed bipolar I disorder (disorder)
68569003	Manic bipolar I disorder (disorder)
70546001	Severe bipolar disorder with psychotic features, mood-congruent (disorder)
71294008	Mild bipolar II disorder, most recent episode major depressive (disorder)
71984005	Mild manic bipolar I disorder (disorder)
73471000	Bipolar I disorder, most recent episode mixed with catatonic features (disorder)
74686005	Mild depressed bipolar I disorder (disorder)
75360000	Bipolar I disorder, single manic episode, in remission (disorder)
75752004	Bipolar I disorder, most recent episode depressed with melancholic features (disorder)
78269000	Bipolar I disorder, single manic episode, in partial remission (disorder)
78640000	Severe manic bipolar I disorder with psychotic features, mood-congruent (disorder)
79584002	Moderate bipolar disorder (disorder)
81319007	Severe bipolar II disorder, most recent episode major depressive without psychotic features (disorder)
82998009	Moderate manic bipolar I disorder (disorder)
83225003	Bipolar II disorder (disorder)
85248005	Bipolar disorder in remission (disorder)
86058007	Severe bipolar I disorder, single manic episode with psychotic features, mood-incongruent (disorder)
87203005	Bipolar I disorder, most recent episode depressed with postpartum onset (disorder)
87950005	Bipolar I disorder, single manic episode with catatonic features (disorder)
9340000	Bipolar I disorder, single manic episode (disorder)

Value Set Name                      Psychiatric/Mental Health Patient

OID                                        2.16.840.1.113883.3.117.1.7.1.298

Type                                      Extensional

Definition ID (release/update date)    20150430

Steward

Lantana

Program

CMS, MU2 Update 2015-05-01 using this value set

#### Value Set Members

10278007	Factitious purpura (disorder)
10327003	Cocaine-induced mood disorder (disorder)
10349009	Multi-infarct dementia with delirium (disorder)
10532003	Primary degenerative dementia of the Alzheimer type, presenile onset, with depression (disorder)
105491000119107	Primary hyposomnia (disorder)
106013002	Mental disorder of infancy, childhood or adolescence (disorder)
106014008	Organic mental disorder of unknown etiology (disorder)
109006	Anxiety disorder of childhood OR adolescence (disorder)
109805003	Factitious cheilitis (disorder)
11003002	Nervous diarrhea (disorder)
110281001	Chronic drug abuse (disorder)
11061003	Psychoactive substance use disorder (disorder)
111475002	Neurosis (disorder)
111476001	Mental disorder usually first evident in infancy, childhood AND/OR adolescence (disorder)
111477005	Reactive attachment disorder of infancy OR early childhood, disinhibited type (disorder)
111479008	Organic mental disorder (disorder)
111480006	Psychoactive substance-induced organic dementia (disorder)
111482003	Subchronic schizophrenia with acute exacerbations (disorder)
111483008	Catatonic schizophrenia in remission (disorder)
111484002	Undifferentiated schizophrenia (disorder)
111485001	Mixed bipolar I disorder in full remission (disorder)
111487009	Dream anxiety disorder (disorder)
111490003	Panic disorder with agoraphobia, agoraphobic avoidance in partial remission AND severe panic attacks (disorder)
111491004	Panic disorder with agoraphobia, agoraphobic avoidance in full remission AND panic attacks in partial remission (disorder)
111492006	Conversion disorder, single episode (disorder)
11387009	Psychoactive substance-induced organic mental disorder (disorder)
1145003	Developmental speech disorder (disorder)
11806006	Separation anxiety disorder of childhood (disorder)

11941006	Panic disorder with agoraphobia, agoraphobic avoidance in full remission AND panic attacks in full remission (disorder)
1196001	Chronic bipolar II disorder, most recent episode major depressive (disorder)
12348006	Presenile dementia (disorder)
126943008	Separation anxiety (disorder)
128293007	Chronic mental disorder (disorder)
129104009	Developmental mental disorder (disorder)
12939007	Chronic disorganized schizophrenia (disorder)
129562004	Psychogenic skin disease (disorder)
129602009	Symbiotic infantile psychosis (disorder)
129604005	Delusion of heart disease syndrome (disorder)
12969000	Severe bipolar II disorder, most recent episode major depressive, in full remission (disorder)
130121000119104	Dementia due to Rett's syndrome (disorder)
13313007	Mild bipolar disorder (disorder)
13438001	Overanxious disorder of childhood (disorder)
13601005	Paranoid personality disorder (disorder)
13670005	Gender identity disorder of adulthood, previously heterosexual (disorder)
13746004	Bipolar disorder (disorder)
1376001	Obsessive compulsive personality disorder (disorder)
1380006	Agoraphobia without history of panic disorder with limited symptom attacks (disorder)
1383008	Hallucinogen mood disorder (disorder)
14070001	Multi-infarct dementia with depression (disorder)
14077003	Pica (disorder)
14183003	Chronic major depressive disorder, single episode (disorder)
14291003	Subchronic disorganized schizophrenia with acute exacerbations (disorder)
14495005	Severe bipolar I disorder, single manic episode without psychotic features (disorder)
145841000119107	Episodic phencyclidine abuse (disorder)
1471000119103	Drug abuse in remission (disorder)
14784000	Opioid-induced organic mental disorder (disorder)
1499003	Bipolar I disorder, single manic episode with postpartum onset (disorder)
15193003	Severe recurrent major depression with psychotic features, mood-incongruent (disorder)
15277004	Hallucinogen-induced anxiety disorder (disorder)
153501000119105	Drug dependence, episodic (disorder)

15639000	Moderate major depression, single episode (disorder)
15662003	Senile dementia (disorder)
1581000119101	Dementia of the Alzheimer type with behavioral disturbance (disorder)
15945005	Psychogenic polydipsia (disorder)
15977008	Adjustment disorder with academic inhibition (disorder)
162004	Severe manic bipolar I disorder without psychotic features (disorder)
16295005	Bipolar II disorder, most recent episode major depressive (disorder)
16506000	Mixed bipolar I disorder (disorder)
16805009	Cluster A personality disorder (disorder)
1686006	Sedative, hypnotic AND/OR anxiolytic-induced anxiety disorder (disorder)
16966009	Factitious hypoglycemia (disorder)
16990005	Subchronic schizophrenia (disorder)
17226007	Adjustment disorder (disorder)
17496003	Organic anxiety disorder (disorder)
17782008	Bipolar I disorder, most recent episode manic with catatonic features (disorder)
17961008	Conduct disorder, childhood-onset type (disorder)
18003009	Gender identity disorder of adulthood (disorder)
18085000	Compulsive gambling (disorder)
1816003	Panic disorder with agoraphobia, severe agoraphobic avoidance AND mild panic attacks (disorder)
18260003	Postpartum psychosis (disorder)
18393005	Undifferentiated somatoform disorder (disorder)
18478005	Adjustment disorder with physical complaints (disorder)
18541000119100	Borderline cognitive developmental delay (disorder)
18653004	Alcohol intoxication delirium (disorder)
18689007	Inhalant intoxication delirium (disorder)
18818009	Moderate recurrent major depression (disorder)
18941000	Oppositional defiant disorder (disorder)
191447007	Organic psychotic condition (disorder)
191449005	Uncomplicated senile dementia (disorder)
191451009	Uncomplicated presenile dementia (disorder)
191452002	Presenile dementia with delirium (disorder)
191454001	Presenile dementia with paranoia (disorder)
191455000	Presenile dementia with depression (disorder)
191457008	Senile dementia with depressive or paranoid features (disorder)
191458003	Senile dementia with paranoia (disorder)

191459006	Senile dementia with depression (disorder)
191461002	Senile dementia with delirium (disorder)
191463004	Uncomplicated arteriosclerotic dementia (disorder)
191464005	Arteriosclerotic dementia with delirium (disorder)
191465006	Arteriosclerotic dementia with paranoia (disorder)
191466007	Arteriosclerotic dementia with depression (disorder)
191475009	Chronic alcoholic brain syndrome (disorder)
191476005	Alcohol withdrawal hallucinosis (disorder)
191478006	Alcoholic paranoia (disorder)
191480000	Alcohol withdrawal syndrome (disorder)
191483003	Drug-induced psychosis (disorder)
191484009	Drug-induced paranoia or hallucinatory states (disorder)
191485005	Drug-induced paranoid state (disorder)
191486006	Drug-induced hallucinosis (disorder)
191492000	Drug-induced delirium (disorder)
191493005	Drug-induced dementia (disorder)
191494004	Drug-induced amnestic syndrome (disorder)
191495003	Drug-induced depressive state (disorder)
191496002	Drug-induced personality disorder (disorder)
191499009	Transient organic psychoses (disorder)
191501001	Acute confusional state, post-traumatic (disorder)
191502008	Acute confusional state, of infective origin (disorder)
191503003	Acute confusional state, of endocrine origin (disorder)
191504009	Acute confusional state, of metabolic origin (disorder)
191505005	Acute confusional state, of cerebrovascular origin (disorder)
191507002	Subacute delirium (disorder)
191508007	Subacute confusional state, post-traumatic (disorder)
191509004	Subacute confusional state, of infective origin (disorder)
191510009	Subacute confusional state, of endocrine origin (disorder)
191511008	Subacute confusional state, of metabolic origin (disorder)
191512001	Subacute confusional state, of cerebrovascular origin (disorder)
191519005	Dementia associated with another disease (disorder)
191525009	Non-organic psychosis (disorder)
191526005	Schizophrenic disorders (disorder)
191527001	Simple schizophrenia (disorder)
191530008	Acute exacerbation of subchronic schizophrenia (disorder)
191531007	Acute exacerbation of chronic schizophrenia (disorder)
191536002	Subchronic hebephrenic schizophrenia (disorder)
191537006	Chronic hebephrenic schizophrenia (disorder)

191538001	Acute exacerbation of subchronic hebephrenic schizophrenia (disorder)
191539009	Acute exacerbation of chronic hebephrenic schizophrenia (disorder)
191540006	Hebephrenic schizophrenia in remission (disorder)
191542003	Catatonic schizophrenia (disorder)
191547009	Acute exacerbation of subchronic catatonic schizophrenia (disorder)
191548004	Acute exacerbation of chronic catatonic schizophrenia (disorder)
191554003	Acute exacerbation of subchronic paranoid schizophrenia (disorder)
191555002	Acute exacerbation of chronic paranoid schizophrenia (disorder)
191559008	Latent schizophrenia (disorder)
191561004	Subchronic latent schizophrenia (disorder)
191562006	Chronic latent schizophrenia (disorder)
191563001	Acute exacerbation of subchronic latent schizophrenia (disorder)
191564007	Acute exacerbation of chronic latent schizophrenia (disorder)
191567000	Schizoaffective schizophrenia (disorder)
191569002	Subchronic schizoaffective schizophrenia (disorder)
191570001	Chronic schizoaffective schizophrenia (disorder)
191571002	Acute exacerbation of subchronic schizoaffective schizophrenia (disorder)
191572009	Acute exacerbation of chronic schizoaffective schizophrenia (disorder)
191574005	Schizoaffective schizophrenia in remission (disorder)
191577003	Cenesthopathic schizophrenia (disorder)
191583000	Single manic episode, mild (disorder)
191584006	Single manic episode, moderate (disorder)
191586008	Single manic episode, severe, with psychosis (disorder)
191588009	Single manic episode in full remission (disorder)
191590005	Recurrent manic episodes (disorder)
191592002	Recurrent manic episodes, mild (disorder)
191593007	Recurrent manic episodes, moderate (disorder)
191595000	Recurrent manic episodes, severe, with psychosis (disorder)
191597008	Recurrent manic episodes, in full remission (disorder)
191601008	Single major depressive episode, mild (disorder)
191602001	Single major depressive episode, moderate (disorder)
191604000	Single major depressive episode, severe, with psychosis (disorder)

191606003	Single major depressive episode, in full remission (disorder)
191610000	Recurrent major depressive episodes, mild (disorder)
191611001	Recurrent major depressive episodes, moderate (disorder)
191613003	Recurrent major depressive episodes, severe, with psychosis (disorder)
191615005	Recurrent major depressive episodes, in full remission (disorder)
191616006	Recurrent depression (disorder)
191618007	Bipolar affective disorder, current episode manic (disorder)
191620005	Bipolar affective disorder, currently manic, mild (disorder)
191621009	Bipolar affective disorder, currently manic, moderate (disorder)
191623007	Bipolar affective disorder, currently manic, severe, with psychosis (disorder)
191625000	Bipolar affective disorder, currently manic, in full remission (disorder)
191627008	Bipolar affective disorder, current episode depression (disorder)
191629006	Bipolar affective disorder, currently depressed, mild (disorder)
191630001	Bipolar affective disorder, currently depressed, moderate (disorder)
191632009	Bipolar affective disorder, currently depressed, severe, with psychosis (disorder)
191634005	Bipolar affective disorder, currently depressed, in full remission (disorder)
191636007	Mixed bipolar affective disorder (disorder)
191638008	Mixed bipolar affective disorder, mild (disorder)
191639000	Mixed bipolar affective disorder, moderate (disorder)
191641004	Mixed bipolar affective disorder, severe, with psychosis (disorder)
191643001	Mixed bipolar affective disorder, in full remission (disorder)
191658009	Atypical manic disorder (disorder)
191659001	Atypical depressive disorder (disorder)
191668004	Simple paranoid state (disorder)
191670008	Shared paranoid disorder (disorder)
191672000	Paranoia querulans (disorder)
191676002	Reactive depressive psychosis (disorder)
191677006	Acute hysterical psychosis (disorder)
191680007	Psychogenic paranoid psychosis (disorder)
191683009	Psychogenic stupor (disorder)
191687005	Psychosis with origin in childhood (disorder)
191692007	Active disintegrative psychoses (disorder)
191693002	Residual disintegrative psychoses (disorder)
191696005	Atypical childhood psychoses (disorder)

191697001	Borderline psychosis of childhood (disorder)
191714002	Dissociative convulsions (disorder)
191722009	Agoraphobia with panic attacks (disorder)
191724005	Social phobia, fear of eating in public (disorder)
191725006	Social phobia, fear of public speaking (disorder)
191726007	Social phobia, fear of public washing (disorder)
191736004	Obsessive-compulsive disorder (disorder)
191737008	Compulsive neurosis (disorder)
191738003	Obsessional neurosis (disorder)
191746002	Psychasthenic neurosis (disorder)
191753006	Hypomanic personality disorder (disorder)
191765005	Emotionally unstable personality disorder (disorder)
191772006	Eccentric personality disorder (disorder)
191773001	Immature personality disorder (disorder)
191774007	Masochistic personality disorder (disorder)
191787001	Psychosexual identity disorder (disorder)
191804003	Continuous acute alcoholic intoxication in alcoholism (disorder)
191805002	Episodic acute alcoholic intoxication in alcoholism (disorder)
191811004	Continuous chronic alcoholism (disorder)
191812006	Episodic chronic alcoholism (disorder)
191813001	Chronic alcoholism in remission (disorder)
191819002	Continuous opioid dependence (disorder)
191820008	Episodic opioid dependence (disorder)
191821007	Opioid dependence in remission (disorder)
191825003	Hypnotic or anxiolytic dependence, continuous (disorder)
191826002	Hypnotic or anxiolytic dependence, episodic (disorder)
191831000	Cocaine dependence, continuous (disorder)
191832007	Cocaine dependence, episodic (disorder)
191833002	Cocaine dependence in remission (disorder)
191837001	Cannabis dependence, continuous (disorder)
191838006	Cannabis dependence, episodic (disorder)
191839003	Cannabis dependence in remission (disorder)
191843004	Amphetamine or psychostimulant dependence, continuous (disorder)
191844005	Amphetamine or psychostimulant dependence, episodic (disorder)
191845006	Amphetamine or psychostimulant dependence in remission (disorder)
191849000	Hallucinogen dependence, continuous (disorder)
191853003	Glue sniffing dependence (disorder)



191855005	Glue sniffing dependence, continuous (disorder)
191865004	Combined opioid with non-opioid drug dependence (disorder)
191867007	Combined opioid with non-opioid drug dependence, continuous (disorder)
191868002	Combined opioid with non-opioid drug dependence, episodic (disorder)
191873008	Combined drug dependence, excluding opioid, continuous (disorder)
191874002	Combined drug dependence, excluding opioid, episodic (disorder)
191875001	Combined drug dependence, excluding opioid, in remission (disorder)
191887008	Tobacco dependence, continuous (disorder)
191888003	Tobacco dependence, episodic (disorder)
191889006	Tobacco dependence in remission (disorder)
191928000	Abuse of antidepressant drug (disorder)
191952007	Somatoform autonomic dysfunction - respiratory tract (disorder)
191965003	Psychogenic skin symptoms (disorder)
191970005	Cyclical vomiting - psychogenic (disorder)
191972002	Psychogenic dyspepsia (disorder)
191973007	Psychogenic constipation (disorder)
191980009	Psychogenic endocrine malfunction (disorder)
191990001	Transient childhood tic (disorder)
191997003	Persistent insomnia (disorder)
192003008	Sleep drunkenness (disorder)
192007009	Short-sleeper (disorder)
192014006	Psychogenic rumination (disorder)
192016008	Non-organic infant feeding disturbance (disorder)
192017004	Non-organic loss of appetite (disorder)
192029008	Psychogenic backache (disorder)
192037000	Acute panic state due to acute stress reaction (disorder)
192038005	Acute fugue state due to acute stress reaction (disorder)
192041001	Acute situational disturbance (disorder)
192042008	Acute post-trauma stress state (disorder)
192044009	Stress reaction causing mixed disturbance of emotion and conduct (disorder)
192046006	Brief depressive adjustment reaction (disorder)
192049004	Prolonged depressive adjustment reaction (disorder)
192051000	Adolescent emancipation disorder (disorder)
192056005	Adjustment reaction with aggression (disorder)

192057001	Adjustment reaction with antisocial behavior (disorder)
192058006	Adjustment reaction with destructiveness (disorder)
192063005	Adjustment reaction with physical symptoms (disorder)
192064004	Elective mutism due to an adjustment reaction (disorder)
192072002	Organic memory impairment (disorder)
192073007	Change in personality (disorder)
192080009	Chronic depression (disorder)
192082001	Aggressive unsocial conduct disorder (disorder)
192097003	Isolated explosive disorder (disorder)
192099000	Childhood disorder of conduct and emotion (disorder)
192100008	Neurotic delinquency (disorder)
192108001	Disturbance of anxiety and fearfulness in childhood and adolescence (disorder)
192110004	Childhood and adolescent fearfulness disturbance (disorder)
192118006	Childhood and adolescent relationship problem (disorder)
192122001	Childhood or adolescent identity disorder (disorder)
192123006	Academic underachievement disorder (disorder)
192127007	Child attention deficit disorder (disorder)
192138007	Developmental dyslexia (disorder)
192147004	Mixed disorder of psychological development (disorder)
192362008	Bipolar affective disorder, current episode mixed (disorder)
192523000	Sexual relationship disorder (disorder)
192527004	Elaboration of physical symptoms for psychological reasons (disorder)
192562009	Disorder of psychological development (disorder)
192575009	Mixed disorder of scholastic skills (disorder)
192611004	Childhood phobic anxiety disorder (disorder)
192616009	Childhood or adolescent disorder of social functioning (disorder)
192630004	Psychogenic feeding disorder of infancy and childhood (disorder)
192631000	Pica of infancy and childhood (disorder)
193000006	Severe bipolar II disorder, most recent episode major depressive with psychotic features, mood-congruent (disorder)
1938002	Emotional AND/OR mental disease in mother complicating pregnancy, childbirth AND/OR puerperium (disorder)
194437008	Disorders of initiating and maintaining sleep (disorder)
19445006	Opioid-induced psychotic disorder with hallucinations (disorder)
1973000	Sedative, hypnotic AND/OR anxiolytic-induced psychotic disorder with delusions (disorder)
197480006	Anxiety disorder (disorder)

19766004	Panic disorder with agoraphobia, mild agoraphobic avoidance AND severe panic attacks (disorder)
19922006	Compulsive sexual sadism (disorder)
199257008	Mental disorders during pregnancy, childbirth and the puerperium (disorder)
199259006	Mental disorder during pregnancy - baby delivered (disorder)
199260001	Mental disorder in the puerperium - baby delivered (disorder)
199261002	Mental disorder during pregnancy - baby not yet delivered (disorder)
199262009	Mental disorder in the puerperium - baby delivered during previous episode of care (disorder)
20010003	Borderline personality disorder (disorder)
20250007	Severe major depression, single episode, with psychotic features, mood-incongruent (disorder)
20385005	Opioid-induced psychotic disorder with delusions (disorder)
20871009	Phencyclidine intoxication (disorder)
20876004	Inhalant-induced anxiety disorder (disorder)
20960007	Severe bipolar II disorder, most recent episode major depressive with psychotic features, mood-incongruent (disorder)
21000000	Idiosyncratic intoxication (disorder)
21586000	Munchausen's syndrome (disorder)
21647008	Amphetamine dependence (disorder)
21897009	Generalized anxiety disorder (disorder)
21900002	Bipolar I disorder, most recent episode depressed with catatonic features (disorder)
22121000	Depressed bipolar I disorder in full remission (disorder)
22230001	Panic disorder with agoraphobia, agoraphobic avoidance in partial remission AND panic attacks in full remission (disorder)
22381000119105	Primary degenerative dementia (disorder)
22407005	Bipolar II disorder, most recent episode major depressive with catatonic features (disorder)
22419002	Mood disorder with mixed features due to general medical condition (disorder)
22574000	Cocaine-induced sleep disorder (disorder)
229025005	Lindinism (disorder)
229621000	Disorder of fluency (disorder)
229623002	Developmental dysfluency (disorder)
229629003	Idiopathic stammering (disorder)
229630008	Psychogenic stammering (disorder)
229632000	Neurogenic stammering (disorder)
229672009	Language disorder of dementia (disorder)

229683000	Motor speech disorder (disorder)
229699006	Immature articulatory praxis (disorder)
229700007	Developmental motor speech disorder (disorder)
229714007	Persistent developmental avoidance (disorder)
229715008	Deficits in attention motor control and perception (disorder)
229729009	Developmental language impairment (disorder)
229733002	Expressive language disorder (disorder)
229734008	Expressive language delay (disorder)
229736005	Receptive language delay (disorder)
229740001	Delayed pre-verbal development (disorder)
229744005	Developmental syntactic impairment (disorder)
229745006	Developmental semantic impairment (disorder)
229750000	Lexical syntactic disorder (disorder)
229751001	Semantic-pragmatic disorder (disorder)
230258005	Amyotrophic lateral sclerosis with dementia (disorder)
230282000	Post-traumatic dementia (disorder)
230286002	Subcortical vascular dementia (disorder)
230287006	Mixed cortical and subcortical vascular dementia (disorder)
230288001	Semantic dementia (disorder)
230289009	Patchy dementia (disorder)
230290000	Epileptic dementia (disorder)
230335009	Facial tic disorder (disorder)
230338006	Gestural tic disorder (disorder)
230455006	Self-induced non-photosensitive epilepsy (disorder)
230488004	Hypersomnia of non-organic origin (disorder)
230497000	Sleep-related head banging (disorder)
2312009	Reactive attachment disorder of infancy OR early childhood, inhibited type (disorder)
231437006	Reactive psychoses (disorder)
231438001	Presbyophrenic psychosis (disorder)
231439009	Toxic confusional state (disorder)
231440006	Delirium of mixed origin (disorder)
231442003	Organic catatonic disorder (disorder)
231444002	Organic bipolar disorder (disorder)
231445001	Organic dissociative disorder (disorder)
231446000	Organic emotionally labile disorder (disorder)
231449007	Epileptic psychosis (disorder)
231450007	Psychosis associated with intensive care (disorder)
231451006	Drug-induced intensive care psychosis (disorder)
231452004	Limbic epilepsy personality syndrome (disorder)

231454003	Organic pseudopsychopathic personality (disorder)
231457005	Organic psychosyndrome (disorder)
231458000	Abuse of steroids (disorder)
231459008	Abuse of nonpsychotropic analgesic drugs (disorder)
231461004	Hypnotic or anxiolytic abuse (disorder)
231467000	Absinthe addiction (disorder)
231470001	Anxiolytic dependence (disorder)
231472009	Barbiturate dependence (disorder)
231473004	Benzodiazepine dependence (disorder)
231474005	Diazepam dependence (disorder)
231475006	Librium dependence (disorder)
231485007	Post-schizophrenic depression (disorder)
231487004	Persistent delusional disorder (disorder)
231489001	Acute transient psychotic disorder (disorder)
231494001	Mania (disorder)
231495000	Manic stupor (disorder)
231496004	Hypomania (disorder)
231500002	Masked depression (disorder)
231504006	Mixed anxiety and depressive disorder (disorder)
231517009	Somatoform autonomic dysfunction (disorder)
231518004	Globus abdominalis (disorder)
231519007	Depersonalization-derealization syndrome (disorder)
231520001	Behavioral syndrome associated with physiological disturbance and physical factors (disorder)
231522009	Atypical anorexia nervosa (disorder)
231523004	Atypical bulimia nervosa (disorder)
231524005	Interictal behavior disorder (disorder)
231525006	Manipulative personality disorder (disorder)
231526007	Fanatic personality (disorder)
231527003	Explosive personality disorder (disorder)
231528008	Anxious personality disorder (disorder)
231532002	Sexual disorder (disorder)
231535000	Language development disorder (disorder)
231536004	Atypical autism (disorder)
231538003	Behavioral and emotional disorder with onset in childhood (disorder)
231539006	Adolescent - emotional problem (disorder)
231540008	Conduct disorder - in family context (disorder)
231541007	Conduct disorder - unsocialized (disorder)
231542000	Depressive conduct disorder (disorder)

233690008	Factitious asthma (disorder)
23560001	Asperger's disorder (disorder)
236074001	Diarrhea due to laxative abuse (disorder)
23645006	Organic mood disorder (disorder)
237349002	Mild postnatal depression (disorder)
237351003	Mild postnatal psychosis (disorder)
237352005	Severe postnatal psychosis (disorder)
23772009	Dysphonia of Gilles de la Tourette's syndrome (disorder)
238959007	Disorders of cutaneous image and perception (disorder)
238961003	Trichophobia (disorder)
238967004	Psychogenic sensory disturbance of skin (disorder)
238972008	Cutaneous monosymptomatic delusional psychosis (disorder)
238973003	Delusions of parasitosis (disorder)
238974009	Delusions of infestation (disorder)
238975005	Delusion of foul odor (disorder)
238977002	Delusional hyperhidrosis (disorder)
238979004	Hyposchemazia (disorder)
2403008	Psychoactive substance dependence (disorder)
24121004	Insomnia disorder related to another mental disorder (disorder)
24125008	Mental disorder in infancy (disorder)
24315006	Factitious disorder with combined physical AND psychological symptoms (disorder)
247803002	Seasonal affective disorder (disorder)
247804008	Schizophrenic prodrome (disorder)
24781009	Panic disorder with agoraphobia, mild agoraphobic avoidance AND panic attacks in full remission (disorder)
248118000	Self-induced purging to lose weight (disorder)
248290002	Developmental delay (disorder)
249520001	Self-induced purging (disorder)
25501002	Social phobia (disorder)
25753007	Amphetamine-induced sleep disorder (disorder)
25766007	Mixed receptive-expressive language disorder (disorder)
25772007	Multi-infarct dementia with delusions (disorder)
25922000	Major depressive disorder, single episode with postpartum onset (disorder)
25971005	Pedophilia, exclusive type (disorder)
26025008	Residual schizophrenia (disorder)
2618002	Chronic recurrent major depressive disorder (disorder)
26203008	Severe depressed bipolar I disorder with psychotic features, mood-incongruent (disorder)

26416006	Drug abuse (disorder)
26453000	Mental disorder in adolescence (disorder)
26516009	Severe mood disorder with psychotic features (disorder)
26665006	Antisocial personality disorder (disorder)
26714005	Cannabis-induced psychotic disorder with hallucinations (disorder)
26852004	Primary degenerative dementia of the Alzheimer type, senile onset, with depression (disorder)
268612007	Senile and presenile organic psychotic conditions (disorder)
268617001	Acute schizophrenic episode (disorder)
268619003	Manic disorder, single episode (disorder)
268620009	Single major depressive episode (disorder)
268621008	Recurrent major depressive episodes (disorder)
268622001	Chronic paranoid psychosis (disorder)
268624000	Acute paranoid reaction (disorder)
268633003	Introverted personality disorder (disorder)
268640002	Hypnotic or anxiolytic dependence (disorder)
268650001	Somatoform autonomic dysfunction - gastrointestinal tract (disorder)
268651002	Psychogenic diarrhea (disorder)
268652009	Transient insomnia (disorder)
268654005	Repetitive intrusions of sleep (disorder)
268661009	Nonaggressive unsocial conduct disorder (disorder)
268664001	Childhood emotional disorder (disorder)
268666004	Childhood and adolescent disturbance with sensitivity (disorder)
268667008	Childhood and adolescent disturbance with shyness (disorder)
268668003	Childhood and adolescent disturbance with introversion (disorder)
268669006	Childhood and adolescent disturbance with elective mutism (disorder)
268672004	Disorder of speech and language development (disorder)
268715000	Dissociative motor disorder (disorder)
268722008	Non-organic disorder of the sleep-wake schedule (disorder)
268727002	Abuse of non-dependence-producing substances (disorder)
268734000	Developmental expressive language disorder (disorder)
268957000	Neurotic condition, insight present (disorder)
270901009	Schizoaffective disorder, mixed type (disorder)
270902002	Overeating associated with other psychological disturbances (disorder)
270903007	Lack or loss of sexual desire (disorder)
270905000	Childhood disinhibited attachment disorder (disorder)

271428004	Schizoaffective disorder, manic type (disorder)
271952001	Stress and adjustment reaction (disorder)
27387000	Subchronic disorganized schizophrenia (disorder)
274948002	Endogenous depression - recurrent (disorder)
274950005	Sleep-related bruxism (disorder)
274952002	Borderline schizophrenia (disorder)
274953007	Acute polymorphic psychotic disorder (disorder)
27544004	Developmental coordination disorder (disorder)
275471001	Psychostimulant dependence (disorder)
275474009	Psychogenic overeating (disorder)
276300008	Dissociative stupor (disorder)
2776000	Delirium (disorder)
278506006	Involuntary paranoid state (disorder)
278508007	Delusional dysmorphophobia (disorder)
278852008	Paranoid-hallucinatory epileptic psychosis (disorder)
278853003	Acute schizophrenia-like psychotic disorder (disorder)
278857002	Dementia of frontal lobe type (disorder)
278919001	Communication disorder (disorder)
27956007	Cocaine intoxication (disorder)
279982005	Cerebral degeneration presenting primarily with dementia (disorder)
280032002	Developmental language disorder (disorder)
280377008	Sexual maturation disorder of sexual identity (disorder)
280378003	Sexual maturation disorder of sexual orientation (disorder)
280982009	Abuse of laxatives (disorder)
280983004	Abuse of vitamins (disorder)
280984005	Abuse of herbal medicine (disorder)
280986007	Abuse of antacids (disorder)
280994000	Chronic confusional state (disorder)
281004	Dementia associated with alcoholism (disorder)
2815001	Sexual pyromania (disorder)
28357009	Transitory postpartum mood disturbance (disorder)
28368009	Psychoactive substance-induced organic hallucinosis (disorder)
28475009	Severe recurrent major depression with psychotic features (disorder)
28663008	Severe manic bipolar I disorder with psychotic features (disorder)
28676002	Mood disorder with manic features due to general medical condition (disorder)
286933003	Confusional state (disorder)



288281000119100	Abuse of herbal medicine or folk remedy (disorder)
28857002	Reactive attachment disorder of infancy OR early childhood (disorder)
28864000	Sedative, hypnotic AND/OR anxiolytic-induced mood disorder (disorder)
28884001	Moderate bipolar I disorder, single manic episode (disorder)
29212009	Alcohol-induced organic mental disorder (disorder)
29599000	Chronic undifferentiated schizophrenia (disorder)
29733004	Opioid-induced mood disorder (disorder)
29929003	Bipolar I disorder, most recent episode depressed with atypical features (disorder)
30059008	Panic disorder with agoraphobia, severe agoraphobic avoidance AND moderate panic attacks (disorder)
300706003	Endogenous depression (disorder)
30077003	Somatoform pain disorder (disorder)
300960003	Psychogenic back pain (disorder)
300992002	Alcohol-induced cerebellar ataxia (disorder)
301643003	Sedative, hypnotic AND/OR anxiolytic-induced persisting amnesic disorder (disorder)
30169000	Psychogenic deafness (disorder)
302507002	Sedative amnesic disorder (disorder)
30310000	Nicotine-induced organic mental disorder (disorder)
30336007	Chronic residual schizophrenia with acute exacerbations (disorder)
30491001	Cocaine delusional disorder (disorder)
30509009	Gender identity disorder of adolescence, previously homosexual (disorder)
30520009	Severe bipolar II disorder, most recent episode major depressive with psychotic features (disorder)
30605009	Major depression in partial remission (disorder)
30687003	Bipolar II disorder, most recent episode major depressive with postpartum onset (disorder)
307417003	Cycloid psychosis (disorder)
30871003	Flashbacks (disorder)
30935000	Manic bipolar I disorder in full remission (disorder)
310202009	Arylcyclohexylamine-induced organic mental disorder (disorder)
31027006	Schizotypal personality disorder (disorder)
310495003	Mild depression (disorder)
310496002	Moderate depression (disorder)
310497006	Severe depression (disorder)
3109008	Secondary dysthymia early onset (disorder)

311173003	Phencyclidine-related disorder (disorder)
31177006	Attention deficit hyperactivity disorder, combined type (disorder)
312098001	Sedative, hypnotic AND/OR anxiolytic-related disorder (disorder)
312936002	Anxiolytic-induced organic mental disorder (disorder)
312991009	Senile dementia of the Lewy body type (disorder)
313182004	Chronic post-traumatic stress disorder (disorder)
31373002	Disorganized schizophrenia in remission (disorder)
313915006	Hypnotic-induced organic mental disorder (disorder)
31446002	Bipolar I disorder, most recent episode hypomanic (disorder)
3158007	Panic disorder with agoraphobia, agoraphobic avoidance in partial remission AND panic attacks in partial remission (disorder)
31611000	Multiple personality disorder (disorder)
31658008	Chronic paranoid schizophrenia (disorder)
31715000	Phencyclidine delirium (disorder)
31781004	Panic disorder with agoraphobia, agoraphobic avoidance in partial remission AND mild panic attacks (disorder)
317816007	Stockholm syndrome (disorder)
318784009	Posttraumatic stress disorder, delayed onset (disorder)
319768000	Recurrent major depressive disorder with melancholic features (disorder)
32009006	Hallucinogen hallucinosis (disorder)
320751009	Major depression, melancholic type (disorder)
321717001	Involutional depression (disorder)
32358001	Amphetamine delusional disorder (disorder)
32388005	Panic disorder with agoraphobia, agoraphobic avoidance in partial remission AND moderate panic attacks (disorder)
32552001	Psychoactive substance-induced organic delusional disorder (disorder)
32721004	Bulimia nervosa, purging type (disorder)
32875003	Inhalant-induced persisting dementia (disorder)
32880007	Adjustment disorder with work inhibition (disorder)
3298001	Amnestic disorder (disorder)
33078009	Severe recurrent major depression with psychotic features, mood-congruent (disorder)
33135002	Recurrent major depression in partial remission (disorder)
33323008	Somatic delusion disorder (disorder)
33380008	Severe manic bipolar I disorder with psychotic features, mood-incongruent (disorder)

33449004	Personality disorder (disorder)
33693007	Compensation neurosis (disorder)
33736005	Severe major depression with psychotic features, mood-congruent (disorder)
33871004	Phencyclidine-induced psychotic disorder with hallucinations (disorder)
34116005	Panic disorder with agoraphobia, agoraphobic avoidance in full remission AND severe panic attacks (disorder)
34315001	Bipolar II disorder, most recent episode major depressive with melancholic features (disorder)
34938008	Alcohol-induced anxiety disorder (disorder)
3503000	Gender identity disorder of adolescence, previously asexual (disorder)
35218008	Chronic disorganized schizophrenia with acute exacerbations (disorder)
35252006	Disorganized schizophrenia (disorder)
35253001	Attention deficit hyperactivity disorder, predominantly inattentive type (disorder)
35481005	Mixed bipolar I disorder in remission (disorder)
35489007	Depressive disorder (disorder)
35607004	Panic disorder with agoraphobia (disorder)
35722002	Severe bipolar II disorder, most recent episode major depressive, in remission (disorder)
35827000	Recurrent conversion disorder (disorder)
35846004	Moderate bipolar II disorder, most recent episode major depressive (disorder)
35919005	Pervasive developmental disorder (disorder)
36124002	Primary hypersomnia (disorder)
361272001	Cerebellar ataxia due to alcoholism (disorder)
36158005	Schizophreniform disorder with good prognostic features (disorder)
36170009	Secondary dysthymia late onset (disorder)
36217008	Organic personality disorder (disorder)
36474008	Severe recurrent major depression without psychotic features (disorder)
36583000	Mixed bipolar I disorder in partial remission (disorder)
36622002	Mild mood disorder (disorder)
367515004	Receptive language disorder (disorder)
36923009	Major depression, single episode (disorder)
370143000	Major depressive disorder (disorder)
371024007	Senile dementia with delusion (disorder)

371026009	Senile dementia with psychosis (disorder)
371596008	Bipolar I disorder (disorder)
371599001	Severe bipolar I disorder (disorder)
371600003	Severe bipolar disorder (disorder)
371604007	Severe bipolar II disorder (disorder)
371631005	Panic disorder (disorder)
37224001	Psychogenic vomiting (disorder)
37331004	Psychoactive substance-induced organic mood disorder (disorder)
373618009	Autistic spectrum disorder with isolated skills (disorder)
37739004	Mood disorder due to a general medical condition (disorder)
37746008	Avoidant personality disorder (disorder)
37868008	Anxiety disorder of adolescence (disorder)
37872007	Avoidant disorder of childhood OR adolescence (disorder)
38328002	Panic disorder with agoraphobia, severe agoraphobic avoidance AND panic attacks in full remission (disorder)
38368003	Schizoaffective disorder, bipolar type (disorder)
38451003	Primary dysthymia early onset (disorder)
38547003	Mood disorder in full remission (disorder)
386537007	Psychogenic pylorospasm (disorder)
386805003	Mild cognitive disorder (disorder)
386810004	Phobic disorder (disorder)
386821008	Adjustment reaction in infancy (disorder)
386822001	Adjustment reaction of adolescence (disorder)
386823006	Adjustment reaction of adult life (disorder)
386824000	Adjustment reaction of childhood (disorder)
386825004	Adjustment reaction of late life (disorder)
38694004	Recurrent major depressive disorder with atypical features (disorder)
39003006	Psychoactive substance-induced organic delirium (disorder)
3914008	Mental disorder in childhood (disorder)
39465007	Emotional deprivation syndrome (disorder)
3972004	Primary insomnia (disorder)
397923000	Somatization disorder (disorder)
398066007	Intensive care psychiatric disorder (disorder)
39807006	Cannabis intoxication delirium (disorder)
39809009	Recurrent major depressive disorder with catatonic features (disorder)
39951001	Cannabis-induced anxiety disorder (disorder)

40083003	Stereotypic movement disorder with self-injurious behavior (disorder)
402732001	Habit tic (disorder)
402733006	Habit tic affecting skin (disorder)
402735004	Habit tic affecting hair (disorder)
402736003	Factitious skin disease (disorder)
403474003	Self-inflicted trauma involving penis (disorder)
403583006	Deliberate self-cutting (disorder)
403586003	Cutaneous Munchausen syndrome (disorder)
403590001	Cutaneous Munchausen syndrome by proxy (disorder)
403593004	Phobic fear of skin cancer (disorder)
403594005	Psychogenic formication (disorder)
40379007	Mild recurrent major depression (disorder)
40568001	Recurrent brief depressive disorder (disorder)
40571009	Hallucinogen intoxication delirium (disorder)
406506008	Attention deficit hyperactivity disorder (disorder)
408856003	Autistic disorder (disorder)
408858002	Infantile psychosis (disorder)
40926005	Moderate mixed bipolar I disorder (disorder)
40987004	Intermittent explosive disorder (disorder)
41083005	Alcohol-induced sleep disorder (disorder)
41524005	Flagellantism (disorder)
41526007	Reactive attachment disorder (disorder)
41552001	Mild bipolar I disorder, single manic episode (disorder)
416073003	Long duration flashbacks (disorder)
416340002	Late onset schizophrenia (disorder)
416714005	Episodic flashbacks (disorder)
416780008	Primary degenerative dementia of the Alzheimer type, presenile onset (disorder)
416975007	Primary degenerative dementia of the Alzheimer type, senile onset (disorder)
417143004	Short duration flashbacks (disorder)
417360004	Duplicative flashbacks (disorder)
41836007	Bipolar disorder in full remission (disorder)
418475009	Drug-induced sleep disorder (disorder)
420614009	Organic dementia associated with acquired immunodeficiency syndrome (disorder)
421023003	Presenile dementia associated with acquired immunodeficiency syndrome (disorder)
421529006	Dementia associated with acquired immunodeficiency syndrome (disorder)

42344001	Alcohol-induced psychosis (disorder)
425390006	Dementia associated with Parkinson's Disease (disorder)
425476007	Non-organic parasomnia (disorder)
425499006	Non-organic communication disorder (disorder)
425533007	Episodic drug abuse (disorder)
425832009	Psychophysiologic insomnia (disorder)
425881006	Limit-setting sleep disorder (disorder)
425885002	Continuous phencyclidine abuse (disorder)
425914008	Adjustment reaction to medical therapy (disorder)
425919003	Chronic organic mental disorder (disorder)
42594001	Organic mood disorder of depressed type (disorder)
426041005	Developmental dyslalia (disorder)
426095000	Continuous inhalant abuse (disorder)
426174008	Chronic stress disorder (disorder)
426590003	Drug abuse, continuous (disorder)
426824009	Sleep-onset association disorder (disorder)
426873000	Methamphetamine dependence (disorder)
427205009	Amphetamine abuse, continuous (disorder)
427229002	Episodic inhalant abuse (disorder)
427327003	Sedative dependence (disorder)
427975003	Drug-induced delusional disorder (disorder)
42868002	Subchronic catatonic schizophrenia (disorder)
428687006	Nightmares associated with chronic post-traumatic stress disorder (disorder)
428703001	Transient organic mental disorder (disorder)
42925002	Major depressive disorder, single episode with atypical features (disorder)
429458009	Dementia due to Creutzfeldt Jakob disease (disorder)
429571005	Sleep-related dissociative disorder (disorder)
429672007	Drug-induced mood disorder (disorder)
429998004	Vascular dementia (disorder)
4306003	Cluster B personality disorder (disorder)
430744005	Factitious disorder with predominantly physical signs and symptoms (disorder)
430751001	Factitious disorder with predominantly psychological signs and symptoms (disorder)
430852001	Severe major depression, single episode, with psychotic features (disorder)
430909002	Conduct disorder (disorder)
43150009	Panic disorder without agoraphobia with severe panic attacks (disorder)

43497001	Amphetamine-induced mood disorder (disorder)
43568002	Bipolar II disorder, most recent episode major depressive with atypical features (disorder)
43614003	Autistic disorder of childhood onset (disorder)
43769008	Mild mixed bipolar I disorder (disorder)
439960005	Binge eating disorder (disorder)
44124003	Reactive attachment disorder of early childhood (disorder)
441527004	Stimulant abuse (disorder)
441704009	Affective psychosis (disorder)
441711008	Chronic psychogenic pain (disorder)
441716003	Residual childhood psychosis (disorder)
441833000	Lethal catatonia (disorder)
442057004	Chronic depressive personality disorder (disorder)
442059001	Mixed developmental disorder (disorder)
442176004	Sleep dysfunction with arousal disturbance (disorder)
442243005	Psychosexual dysfunction associated with inhibited libido (disorder)
442245003	Chronic hypomanic personality disorder (disorder)
442344002	Dementia due to Huntington chorea (disorder)
442351006	Mental disorder due to drug (disorder)
442406005	Stimulant dependence (disorder)
443265004	Cognitive disorder (disorder)
443735008	Nonverbal learning disorder (disorder)
44376007	Dissociative disorder (disorder)
443919007	Complex posttraumatic stress disorder (disorder)
4441000	Severe bipolar disorder with psychotic features (disorder)
44433009	Recurrent transient tic disorder (disorder)
444613000	Adult attention deficit hyperactivity disorder (disorder)
446175003	Acute posttraumatic stress disorder following military combat (disorder)
446180007	Delayed posttraumatic stress disorder following military combat (disorder)
44966003	Passive aggressive personality disorder (disorder)
45479006	Manic bipolar I disorder in remission (disorder)
45677003	Developmental expressive writing disorder (disorder)
45912004	Organic hallucinosis (disorder)
45924006	Necrophilia (disorder)
46023009	Pedophilia, same AND opposite sex (disorder)
46206005	Mood disorder (disorder)

46229002	Severe mixed bipolar I disorder without psychotic features (disorder)
46244001	Recurrent major depression in complete remission (disorder)
46372006	Female sexual arousal disorder (disorder)
46432001	Lecherism (disorder)
46721000	Psychoactive substance-induced organic personality disorder (disorder)
46762006	Sexual desire disorder (disorder)
46975003	Cocaine-induced organic mental disorder (disorder)
472981000	Fetishistic transvestism (disorder)
47372000	Adjustment disorder with anxious mood (disorder)
47447001	Grandiose delusion disorder (disorder)
47505003	Posttraumatic stress disorder (disorder)
47664006	Sedative, hypnotic AND/OR anxiolytic-induced psychotic disorder with hallucinations (disorder)
47916000	Developmental arithmetic disorder (disorder)
4817008	Primary degenerative dementia of the Alzheimer type, senile onset, with delirium (disorder)
48309007	Pedophilia, nonexclusive type (disorder)
48500005	Delusional disorder (disorder)
48589009	Minor depressive disorder (disorder)
4863002	Phencyclidine mood disorder (disorder)
48826008	Conduct disorder, adolescent-onset type (disorder)
48937005	Bipolar II disorder, most recent episode hypomanic (disorder)
4926007	Schizophrenia in remission (disorder)
4932002	Panic disorder with agoraphobia, moderate agoraphobic avoidance AND mild panic attacks (disorder)
49468007	Depressed bipolar I disorder (disorder)
49512000	Depressed bipolar I disorder in partial remission (disorder)
49540005	Non dependent drug abuse (disorder)
49564006	Panic disorder with agoraphobia, mild agoraphobic avoidance AND moderate panic attacks (disorder)
5002000	Inhalant dependence (disorder)
50026000	Psychoactive substance-induced organic anxiety disorder (disorder)
50299009	Paraphilia (disorder)
50320000	Hallucinogen intoxication (disorder)
50705009	Factitious disorder (disorder)
50722006	Phencyclidine delusional disorder (disorder)
50878001	Gender identity disorder of adulthood, previously asexual (disorder)



50933003	Hallucinogen delusional disorder (disorder)
5095008	Gender identity disorder of childhood (disorder)
50983008	Panic disorder with agoraphobia, mild agoraphobic avoidance AND panic attacks in partial remission (disorder)
51133006	Residual schizophrenia in remission (disorder)
51443000	Amphetamine-induced psychotic disorder with hallucinations (disorder)
51493001	Cocaine-induced anxiety disorder (disorder)
5158005	Gilles de la Tourette's syndrome (disorder)
51637008	Chronic bipolar I disorder, most recent episode depressed (disorder)
52448006	Dementia (disorder)
52866005	Opioid intoxication delirium (disorder)
52910006	Anxiety disorder due to a general medical condition (disorder)
52954000	Schizoid personality disorder (disorder)
53049002	Severe bipolar disorder without psychotic features (disorder)
53050002	Hallucinogen-induced organic mental disorder (disorder)
53467004	Anxiety disorder of childhood (disorder)
53607008	Depressed bipolar I disorder in remission (disorder)
53936005	Alcohol-induced mood disorder (disorder)
53956006	Panic disorder without agoraphobia with panic attacks in partial remission (disorder)
54319003	Disruptive behavior disorder (disorder)
54417002	Adult gender identity disorder, sexually attracted to females (disorder)
5444000	Sedative, hypnotic AND/OR anxiolytic intoxication delirium (disorder)
54502004	Primary degenerative dementia of the Alzheimer type, presenile onset, with delusions (disorder)
54587008	Simple phobia (disorder)
5464005	Brief reactive psychosis (disorder)
54761006	Severe depressed bipolar I disorder with psychotic features, mood-congruent (disorder)
55009008	Primary degenerative dementia of the Alzheimer type, senile onset, with delusions (disorder)
5509004	Panic disorder with agoraphobia AND severe panic attacks (disorder)
5510009	Organic delusional disorder (disorder)
55341008	Histrionic personality disorder (disorder)
55516002	Bipolar I disorder, most recent episode manic with postpartum onset (disorder)

55668003	Adjustment disorder with mixed emotional features (disorder)
55728007	Sexual aversion disorder (disorder)
55736003	Schizophreniform disorder without good prognostic features (disorder)
55967005	Phencyclidine-induced anxiety disorder (disorder)
56034001	Compulsive exhibitionism (disorder)
56267009	Multi-infarct dementia (disorder)
56294008	Nicotine dependence (disorder)
56573006	Transient tic disorder (disorder)
56576003	Panic disorder without agoraphobia (disorder)
56627002	Psychosexual disorder (disorder)
5664002	Situational hypoactive sexual desire disorder (disorder)
568005	Tic disorder (disorder)
56882008	Anorexia nervosa (disorder)
5703000	Bipolar disorder in partial remission (disorder)
57194009	Adjustment disorder with depressed mood (disorder)
57588009	Sedative, hypnotic AND/OR anxiolytic-induced sleep disorder (disorder)
57715001	Gender identity disorder of adolescence (disorder)
58214004	Schizophrenia (disorder)
58329000	Organic mood disorder of manic type (disorder)
58535001	Physical AND emotional exhaustion state (disorder)
58647003	Severe mood disorder with psychotic features, mood-congruent (disorder)
58703003	Postpartum depression (disorder)
58727001	Phencyclidine dependence (disorder)
59174009	Fetishism (disorder)
59216005	Adult gender identity disorder, sexually attracted to males (disorder)
59252009	Cutis laxa-corneal clouding-oligophrenia syndrome (disorder)
59617007	Severe depressed bipolar I disorder with psychotic features (disorder)
59645001	Bulimia nervosa, nonpurging type (disorder)
59651006	Sedative, hypnotic AND/OR anxiolytic-induced persisting dementia (disorder)
59923000	Panic disorder with agoraphobia AND panic attacks in full remission (disorder)
600009	Pyromania (disorder)
60099002	Severe major depression with psychotic features, mood-incongruent (disorder)
60103007	Inhibited female orgasm (disorder)

60123008	Delusional disorder, mixed type (disorder)
609225004	Developmental regression (disorder)
61104008	Inhalant-induced organic mental disorder (disorder)
61144001	Alcohol-induced psychotic disorder with delusions (disorder)
61180001	Adult gender identity disorder, sexually attracted to neither sex (disorder)
61212007	Panic disorder with agoraphobia, severe agoraphobic avoidance AND severe panic attacks (disorder)
61403008	Severe depressed bipolar I disorder without psychotic features (disorder)
61569007	Agoraphobia without history of panic disorder (disorder)
61771000119106	Bipolar II disorder, most recent episode rapid cycling (disorder)
61901004	Conduct disorder, undifferentiated type (disorder)
62351001	Generalized social phobia (disorder)
62491004	Frotteurism (disorder)
63181006	Paranoid schizophrenia in remission (disorder)
63249007	Manic bipolar I disorder in partial remission (disorder)
63393005	Anorexia nervosa, binge-eating purging type (disorder)
6348008	Cocaine-induced psychotic disorder with hallucinations (disorder)
63649001	Cannabis delusional disorder (disorder)
63701002	Panic disorder with agoraphobia, mild agoraphobic avoidance AND mild panic attacks (disorder)
63778009	Major depressive disorder, single episode with melancholic features (disorder)
63835008	Voyeurism (disorder)
63909006	Panic disorder with agoraphobia AND panic attacks in partial remission (disorder)
63983005	Inhalant-induced psychotic disorder with hallucinations (disorder)
64060000	Panic disorder with agoraphobia, moderate agoraphobic avoidance AND panic attacks in full remission (disorder)
64165008	Avoidant disorder of childhood (disorder)
64731001	Severe mixed bipolar I disorder with psychotic features, mood-congruent (disorder)
6475002	Primary degenerative dementia of the Alzheimer type, presenile onset, uncomplicated (disorder)
64905009	Paranoid schizophrenia (disorder)
65064003	Panic disorder without agoraphobia with moderate panic attacks (disorder)

65096006	Primary degenerative dementia of the Alzheimer type, presenile onset, with delirium (disorder)
65410009	Compulsive sexual masochism (disorder)
66108005	Primary degenerative dementia of the Alzheimer type, senile onset, uncomplicated (disorder)
66214007	Substance abuse (disorder)
66307007	Conduct disorder, group type (disorder)
66344007	Recurrent major depression (disorder)
66347000	Impulse control disorder (disorder)
66381006	Adjustment disorder with mixed disturbance of emotions AND conduct (disorder)
66590003	Alcohol dependence (disorder)
66631006	Moderate depressed bipolar I disorder (disorder)
66936004	Identity disorder (disorder)
67002003	Severe bipolar II disorder, most recent episode major depressive, in partial remission (disorder)
67123006	Adult gender identity disorder, sexually attracted to both sexes (disorder)
67227000	Pedophilia, same sex (disorder)
67711008	Primary dysthymia late onset (disorder)
68019004	Recurrent major depression in remission (disorder)
68569003	Manic bipolar I disorder (disorder)
68890003	Schizoaffective disorder (disorder)
68963006	Gender identity disorder of adolescence, previously heterosexual (disorder)
68995007	Chronic catatonic schizophrenia (disorder)
69322001	Psychotic disorder (disorder)
69392006	Major depressive disorder, single episode with catatonic features (disorder)
69479009	Anxiety hyperventilation (disorder)
70043001	Severe mood disorder with psychotic features, mood-incongruent (disorder)
7025000	Subchronic undifferentiated schizophrenia with acute exacerbations (disorder)
70328006	Cocaine delirium (disorder)
70340006	Inhalant abuse (disorder)
7052005	Alcohol hallucinosis (disorder)
70546001	Severe bipolar disorder with psychotic features, mood-congruent (disorder)
70691001	Agoraphobia (disorder)
7071007	Phencyclidine abuse (disorder)

70747007	Major depression single episode, in partial remission (disorder)
70764005	Depersonalization disorder (disorder)
70814008	Subchronic residual schizophrenia with acute exacerbations (disorder)
70922000	Compulsive pedophilia (disorder)
70932007	Amphetamine-induced sexual dysfunction (disorder)
70936005	Multi-infarct dementia, uncomplicated (disorder)
71103003	Chronic residual schizophrenia (disorder)
71294008	Mild bipolar II disorder, most recent episode major depressive (disorder)
71328000	Opioid-induced sexual dysfunction (disorder)
71336009	Recurrent major depressive disorder with postpartum onset (disorder)
71959007	Elective mutism (disorder)
71961003	Childhood disintegrative disorder (disorder)
71984005	Mild manic bipolar I disorder (disorder)
7200002	Alcoholism (disorder)
72861004	Panic disorder without agoraphobia with mild panic attacks (disorder)
7291006	Reactive attachment disorder of infancy (disorder)
73097000	Alcohol amnestic disorder (disorder)
73462009	Chronic vocal tic disorder (disorder)
73867007	Severe major depression with psychotic features (disorder)
7397008	Aggressor identification syndrome (disorder)
73972002	Postpartum neurosis (disorder)
74007000	Sexual arousal disorder (disorder)
74010007	Panic disorder with agoraphobia, severe agoraphobic avoidance AND panic attacks in partial remission (disorder)
74266001	Mood disorder in partial remission (disorder)
7461003	Attention deficit hyperactivity disorder, predominantly hyperactive impulsive type (disorder)
74686005	Mild depressed bipolar I disorder (disorder)
74732009	Mental disorder (disorder)
74791000	Pedophilia, limited to incest (disorder)
74850006	Conduct disorder, solitary aggressive type (disorder)
74934004	Psychoactive substance-induced organic withdrawal (disorder)
75084000	Severe major depression without psychotic features (disorder)
75122001	Inhalant-induced psychotic disorder with delusions (disorder)
75360000	Bipolar I disorder, single manic episode, in remission (disorder)
75752004	Bipolar I disorder, most recent episode depressed with melancholic features (disorder)

75837004	Mood disorder with depressive features due to general medical condition (disorder)
76236006	Atypical tic disorder (disorder)
76441001	Severe major depression, single episode, without psychotic features (disorder)
76566000	Subchronic residual schizophrenia (disorder)
76812003	Panic disorder with agoraphobia, moderate agoraphobic avoidance AND panic attacks in partial remission (disorder)
76868007	Panic disorder with agoraphobia, agoraphobic avoidance in full remission AND mild panic attacks (disorder)
77355000	Cannabis-induced organic mental disorder (disorder)
77475008	Jealous delusion disorder (disorder)
77486005	Mood disorder with major depressive-like episode due to general medical condition (disorder)
77675002	Anorexia nervosa, restricting type (disorder)
77815007	Gender identity disorder of adulthood, previously homosexual (disorder)
77911002	Severe major depression, single episode, with psychotic features, mood-congruent (disorder)
7794004	Chronic motor tic disorder (disorder)
78004001	Bulimia nervosa (disorder)
78269000	Bipolar I disorder, single manic episode, in partial remission (disorder)
78358001	Amphetamine withdrawal (disorder)
78640000	Severe manic bipolar I disorder with psychotic features, mood-congruent (disorder)
78667006	Dysthymia (disorder)
78689005	Chronic brain syndrome (disorder)
79204003	Chronic undifferentiated schizophrenia with acute exacerbations (disorder)
79298009	Mild major depression, single episode (disorder)
79578000	Alcohol paranoia (disorder)
79584002	Moderate bipolar disorder (disorder)
79842004	Stuporous depression (disorder)
79866005	Subchronic paranoid schizophrenia (disorder)
80711002	Narcissistic personality disorder (disorder)
80868005	Cocaine withdrawal (disorder)
81319007	Severe bipolar II disorder, most recent episode major depressive without psychotic features (disorder)
8185002	Panic disorder with agoraphobia AND moderate panic attacks (disorder)

81903006	Inhibited male orgasm (disorder)
82096005	Aggressive type unsocialized behavior disorder (disorder)
82339009	Amphetamine-induced anxiety disorder (disorder)
82415003	Agoraphobia without history of panic disorder without limited symptom attacks (disorder)
82494000	Panic disorder without agoraphobia with panic attacks in full remission (disorder)
82636008	Orgasm disorder (disorder)
82738004	Panic disorder with agoraphobia, moderate agoraphobic avoidance AND moderate panic attacks (disorder)
82959004	Dementia paralytica juvenilis (disorder)
82998009	Moderate manic bipolar I disorder (disorder)
83168008	Psychoactive substance-induced organic amnestic disorder (disorder)
83176005	Primary dysthymia (disorder)
83225003	Bipolar II disorder (disorder)
83367009	Amphetamine-induced organic mental disorder (disorder)
83458005	Agitated depression (disorder)
83501007	Organic mood disorder of mixed type (disorder)
83631006	Panic disorder with agoraphobia, moderate agoraphobic avoidance AND severe panic attacks (disorder)
83746006	Chronic schizophrenia (disorder)
83890006	Cluster C personality disorder (disorder)
84002002	Pedophilia (disorder)
84209002	Psychogenic amnesia (disorder)
84466009	Dependent personality disorder (disorder)
84758004	Amphetamine abuse (disorder)
84760002	Schizoaffective disorder, depressive type (disorder)
84788008	Menopausal depression (disorder)
84984002	Adjustment disorder with disturbance of conduct (disorder)
85061001	Separation anxiety disorder of childhood, early onset (disorder)
85080004	Secondary dysthymia (disorder)
8511007	Transient tic disorder, single episode (disorder)
85248005	Bipolar disorder in remission (disorder)
85821003	Acute non-psychotic brain syndrome (disorder)
85861002	Subchronic undifferentiated schizophrenia (disorder)
8635005	Alcohol withdrawal delirium (disorder)
87132004	Opioid withdrawal (disorder)
87203005	Bipolar I disorder, most recent episode depressed with postpartum onset (disorder)
87414006	Reactive depression (situational) (disorder)

87798009	Panic disorder with agoraphobia, agoraphobic avoidance in full remission AND moderate panic attacks (disorder)
87950005	Bipolar I disorder, single manic episode with catatonic features (disorder)
87991007	Gender identity disorder (disorder)
88339003	Dementia arising in the senium AND/OR presenium (disorder)
8837000	Amphetamine delirium (disorder)
88845000	Explosive type organic personality disorder (disorder)
88939009	Severe mood disorder without psychotic features (disorder)
88975006	Schizophreniform disorder (disorder)
89415002	Hypersomnia disorder related to another mental disorder (disorder)
89451009	Inhalant-induced mood disorder (disorder)
89618007	Persecutory delusion disorder (disorder)
89765005	Tobacco dependence syndrome (disorder)
89948007	Panic disorder with agoraphobia AND mild panic attacks (disorder)
90755006	Nicotine withdrawal (disorder)
90790003	Avoidant disorder of adolescence (disorder)
9083002	Pedophilia, opposite sex (disorder)
91388009	Psychoactive substance abuse (disorder)
9167000	Moderate mood disorder (disorder)
9340000	Bipolar I disorder, single manic episode (disorder)
9345005	Dialysis dementia (disorder)
93461009	Gender dysphoria (disorder)
95636001	Sadomasochism (disorder)
95637005	Munchausen syndrome by proxy (disorder)
95919007	Dependence on corticoids (disorder)
9674006	Adjustment disorder with withdrawal (disorder)

Value Set Name	Mental Disorders SNOMED-CT
OID	2.16.840.1.113883.3.117.1.7.1.343
Type	Extensional



Definition ID (release/update date)	20150430
Steward	The Joint Commission
Program	CMS,MU2 Update 2015-05-01 using this value set

#### Value Set Members

10007009	Coffin-Siris syndrome (disorder)
10278007	Factitious purpura (disorder)
10327003	Cocaine-induced mood disorder (disorder)
10349009	Multi-infarct dementia with delirium (disorder)
10532003	Primary degenerative dementia of the Alzheimer type, presenile onset, with depression (disorder)
105491000119107	Primary hyposomnia (disorder)
10586006	Occupation-related stress disorder (disorder)
106013002	Mental disorder of infancy, childhood or adolescence (disorder)
106014008	Organic mental disorder of unknown etiology (disorder)
106015009	Mental disorder AND/OR culture bound syndrome (disorder)
10783000	Symptomatic pedophilia (disorder)
10875004	Severe mixed bipolar I disorder with psychotic features, mood-incongruent (disorder)
109006	Anxiety disorder of childhood OR adolescence (disorder)
109478007	Kohlschutter's syndrome (disorder)
109805003	Factitious cheilitis (disorder)
10981006	Severe mixed bipolar I disorder with psychotic features (disorder)
109896009	Indication for modification of patient status (disorder)
109897000	Indication for modification of patient behavior status (disorder)
109898005	Indication for modification of patient cognitive status (disorder)
109899002	Indication for modification of patient emotional status (disorder)
109900007	Indication for modification of patient physical status (disorder)
109901006	Indication for modification of patient psychological status (disorder)
109956006	Psychogenic purpura (disorder)
11003002	Nervous diarrhea (disorder)
110281001	Chronic drug abuse (disorder)
11061003	Psychoactive substance use disorder (disorder)
111475002	Neurosis (disorder)

111476001	Mental disorder usually first evident in infancy, childhood AND/OR adolescence (disorder)
111477005	Reactive attachment disorder of infancy OR early childhood, disinhibited type (disorder)
111479008	Organic mental disorder (disorder)
111480006	Psychoactive substance-induced organic dementia (disorder)
111482003	Subchronic schizophrenia with acute exacerbations (disorder)
111483008	Catatonic schizophrenia in remission (disorder)
111484002	Undifferentiated schizophrenia (disorder)
111485001	Mixed bipolar I disorder in full remission (disorder)
111486000	Symptomatic sexual sadism (disorder)
111487009	Dream anxiety disorder (disorder)
111490003	Panic disorder with agoraphobia, agoraphobic avoidance in partial remission AND severe panic attacks (disorder)
111491004	Panic disorder with agoraphobia, agoraphobic avoidance in full remission AND panic attacks in partial remission (disorder)
111492006	Conversion disorder, single episode (disorder)
11387009	Psychoactive substance-induced organic mental disorder (disorder)
1145003	Developmental speech disorder (disorder)
11806006	Separation anxiety disorder of childhood (disorder)
11941006	Panic disorder with agoraphobia, agoraphobic avoidance in full remission AND panic attacks in full remission (disorder)
1196001	Chronic bipolar II disorder, most recent episode major depressive (disorder)
12348006	Presenile dementia (disorder)
126943008	Separation anxiety (disorder)
128293007	Chronic mental disorder (disorder)
129104009	Developmental mental disorder (disorder)
12939007	Chronic disorganized schizophrenia (disorder)
129562004	Psychogenic skin disease (disorder)
129602009	Symbiotic infantile psychosis (disorder)
129604005	Delusion of heart disease syndrome (disorder)
129605006	Postgastrectomy neurosis (disorder)
129606007	Frontal lobe syndrome (disorder)
129607003	Mother-daughter symbiotic syndrome (disorder)
12969000	Severe bipolar II disorder, most recent episode major depressive, in full remission (disorder)
130121000119104	Dementia due to Rett's syndrome (disorder)
13313007	Mild bipolar disorder (disorder)
13438001	Overanxious disorder of childhood (disorder)

13581000	Severe bipolar I disorder, single manic episode with psychotic features, mood-congruent (disorder)
13601005	Paranoid personality disorder (disorder)
13670005	Gender identity disorder of adulthood, previously heterosexual (disorder)
13746004	Bipolar disorder (disorder)
1376001	Obsessive compulsive personality disorder (disorder)
1380006	Agoraphobia without history of panic disorder with limited symptom attacks (disorder)
1383008	Hallucinogen mood disorder (disorder)
14070001	Multi-infarct dementia with depression (disorder)
14077003	Pica (disorder)
14144000	Erotomanic delusion disorder (disorder)
14183003	Chronic major depressive disorder, single episode (disorder)
14291003	Subchronic disorganized schizophrenia with acute exacerbations (disorder)
14495005	Severe bipolar I disorder, single manic episode without psychotic features (disorder)
145841000119107	Episodic phencyclidine abuse (disorder)
1471000119103	Drug abuse in remission (disorder)
14784000	Opioid-induced organic mental disorder (disorder)
1499003	Bipolar I disorder, single manic episode with postpartum onset (disorder)
15193003	Severe recurrent major depression with psychotic features, mood-incongruent (disorder)
15277004	Hallucinogen-induced anxiety disorder (disorder)
153501000119105	Drug dependence, episodic (disorder)
15639000	Moderate major depression, single episode (disorder)
15662003	Senile dementia (disorder)
1581000119101	Dementia of the Alzheimer type with behavioral disturbance (disorder)
15840001	Symptomatic fetishism (disorder)
15945005	Psychogenic polydipsia (disorder)
15977008	Adjustment disorder with academic inhibition (disorder)
162004	Severe manic bipolar I disorder without psychotic features (disorder)
162218007	Stress-related problem (disorder)
162313000	Morbid jealousy (disorder)
162702000	On examination - mentally confused (disorder)
162722001	On examination - depressed (disorder)

16295005	Bipolar II disorder, most recent episode major depressive (disorder)
16506000	Mixed bipolar I disorder (disorder)
16805009	Cluster A personality disorder (disorder)
16812000	Absolute impotence (disorder)
1686006	Sedative, hypnotic AND/OR anxiolytic-induced anxiety disorder (disorder)
16966009	Factitious hypoglycemia (disorder)
16990005	Subchronic schizophrenia (disorder)
17155009	Trichotillomania (disorder)
17226007	Adjustment disorder (disorder)
17262008	Non-alcoholic Korsakoff's psychosis (disorder)
17496003	Organic anxiety disorder (disorder)
17782008	Bipolar I disorder, most recent episode manic with catatonic features (disorder)
17961008	Conduct disorder, childhood-onset type (disorder)
18003009	Gender identity disorder of adulthood (disorder)
18085000	Compulsive gambling (disorder)
1816003	Panic disorder with agoraphobia, severe agoraphobic avoidance AND mild panic attacks (disorder)
18186001	True compulsive fetishism (disorder)
18193002	Hypochondriasis (disorder)
18260003	Postpartum psychosis (disorder)
18393005	Undifferentiated somatoform disorder (disorder)
18478005	Adjustment disorder with physical complaints (disorder)
18541000119100	Borderline cognitive developmental delay (disorder)
1855002	Developmental academic disorder (disorder)
18573003	Obsessional erotomania (disorder)
18653004	Alcohol intoxication delirium (disorder)
18689007	Inhalant intoxication delirium (disorder)
187921002	Developmental receptive language disorder (disorder)
18818009	Moderate recurrent major depression (disorder)
18941000	Oppositional defiant disorder (disorder)
191447007	Organic psychotic condition (disorder)
191449005	Uncomplicated senile dementia (disorder)
191451009	Uncomplicated presenile dementia (disorder)
191452002	Presenile dementia with delirium (disorder)
191454001	Presenile dementia with paranoia (disorder)
191455000	Presenile dementia with depression (disorder)
191457008	Senile dementia with depressive or paranoid features (disorder)

191458003	Senile dementia with paranoia (disorder)
191459006	Senile dementia with depression (disorder)
191461002	Senile dementia with delirium (disorder)
191463004	Uncomplicated arteriosclerotic dementia (disorder)
191464005	Arteriosclerotic dementia with delirium (disorder)
191465006	Arteriosclerotic dementia with paranoia (disorder)
191466007	Arteriosclerotic dementia with depression (disorder)
191471000	Korsakov's alcoholic psychosis with peripheral neuritis (disorder)
191475009	Chronic alcoholic brain syndrome (disorder)
191476005	Alcohol withdrawal hallucinosis (disorder)
191477001	Pathological alcohol intoxication (disorder)
191478006	Alcoholic paranoia (disorder)
191480000	Alcohol withdrawal syndrome (disorder)
191483003	Drug-induced psychosis (disorder)
191484009	Drug-induced paranoia or hallucinatory states (disorder)
191485005	Drug-induced paranoid state (disorder)
191486006	Drug-induced hallucinosis (disorder)
191492000	Drug-induced delirium (disorder)
191493005	Drug-induced dementia (disorder)
191494004	Drug-induced amnesic syndrome (disorder)
191495003	Drug-induced depressive state (disorder)
191496002	Drug-induced personality disorder (disorder)
191499009	Transient organic psychoses (disorder)
191501001	Acute confusional state, post-traumatic (disorder)
191502008	Acute confusional state, of infective origin (disorder)
191503003	Acute confusional state, of endocrine origin (disorder)
191504009	Acute confusional state, of metabolic origin (disorder)
191505005	Acute confusional state, of cerebrovascular origin (disorder)
191507002	Subacute delirium (disorder)
191508007	Subacute confusional state, post-traumatic (disorder)
191509004	Subacute confusional state, of infective origin (disorder)
191510009	Subacute confusional state, of endocrine origin (disorder)
191511008	Subacute confusional state, of metabolic origin (disorder)
191512001	Subacute confusional state, of cerebrovascular origin (disorder)
191519005	Dementia associated with another disease (disorder)
191525009	Non-organic psychosis (disorder)
191526005	Schizophrenic disorders (disorder)
191527001	Simple schizophrenia (disorder)
191530008	Acute exacerbation of subchronic schizophrenia (disorder)

191531007	Acute exacerbation of chronic schizophrenia (disorder)
191536002	Subchronic hebephrenic schizophrenia (disorder)
191537006	Chronic hebephrenic schizophrenia (disorder)
191538001	Acute exacerbation of subchronic hebephrenic schizophrenia (disorder)
191539009	Acute exacerbation of chronic hebephrenic schizophrenia (disorder)
191540006	Hebephrenic schizophrenia in remission (disorder)
191542003	Catatonic schizophrenia (disorder)
191547009	Acute exacerbation of subchronic catatonic schizophrenia (disorder)
191548004	Acute exacerbation of chronic catatonic schizophrenia (disorder)
191554003	Acute exacerbation of subchronic paranoid schizophrenia (disorder)
191555002	Acute exacerbation of chronic paranoid schizophrenia (disorder)
191559008	Latent schizophrenia (disorder)
191561004	Subchronic latent schizophrenia (disorder)
191562006	Chronic latent schizophrenia (disorder)
191563001	Acute exacerbation of subchronic latent schizophrenia (disorder)
191564007	Acute exacerbation of chronic latent schizophrenia (disorder)
191565008	Latent schizophrenia in remission (disorder)
191567000	Schizoaffective schizophrenia (disorder)
191569002	Subchronic schizoaffective schizophrenia (disorder)
191570001	Chronic schizoaffective schizophrenia (disorder)
191571002	Acute exacerbation of subchronic schizoaffective schizophrenia (disorder)
191572009	Acute exacerbation of chronic schizoaffective schizophrenia (disorder)
191574005	Schizoaffective schizophrenia in remission (disorder)
191577003	Cenesthopathic schizophrenia (disorder)
191583000	Single manic episode, mild (disorder)
191584006	Single manic episode, moderate (disorder)
191586008	Single manic episode, severe, with psychosis (disorder)
191588009	Single manic episode in full remission (disorder)
191590005	Recurrent manic episodes (disorder)
191592002	Recurrent manic episodes, mild (disorder)
191593007	Recurrent manic episodes, moderate (disorder)
191595000	Recurrent manic episodes, severe, with psychosis (disorder)

191597008	Recurrent manic episodes, in full remission (disorder)
191601008	Single major depressive episode, mild (disorder)
191602001	Single major depressive episode, moderate (disorder)
191604000	Single major depressive episode, severe, with psychosis (disorder)
191606003	Single major depressive episode, in full remission (disorder)
191610000	Recurrent major depressive episodes, mild (disorder)
191611001	Recurrent major depressive episodes, moderate (disorder)
191613003	Recurrent major depressive episodes, severe, with psychosis (disorder)
191615005	Recurrent major depressive episodes, in full remission (disorder)
191616006	Recurrent depression (disorder)
191618007	Bipolar affective disorder, current episode manic (disorder)
191620005	Bipolar affective disorder, currently manic, mild (disorder)
191621009	Bipolar affective disorder, currently manic, moderate (disorder)
191623007	Bipolar affective disorder, currently manic, severe, with psychosis (disorder)
191625000	Bipolar affective disorder, currently manic, in full remission (disorder)
191627008	Bipolar affective disorder, current episode depression (disorder)
191629006	Bipolar affective disorder, currently depressed, mild (disorder)
191630001	Bipolar affective disorder, currently depressed, moderate (disorder)
191632009	Bipolar affective disorder, currently depressed, severe, with psychosis (disorder)
191634005	Bipolar affective disorder, currently depressed, in full remission (disorder)
191636007	Mixed bipolar affective disorder (disorder)
191638008	Mixed bipolar affective disorder, mild (disorder)
191639000	Mixed bipolar affective disorder, moderate (disorder)
191641004	Mixed bipolar affective disorder, severe, with psychosis (disorder)
191643001	Mixed bipolar affective disorder, in full remission (disorder)
191658009	Atypical manic disorder (disorder)
191659001	Atypical depressive disorder (disorder)
191667009	Paranoid disorder (disorder)
191668004	Simple paranoid state (disorder)
191670008	Shared paranoid disorder (disorder)
191672000	Paranoia querulans (disorder)
191676002	Reactive depressive psychosis (disorder)

191677006	Acute hysterical psychosis (disorder)
191678001	Reactive confusion (disorder)
191680007	Psychogenic paranoid psychosis (disorder)
191683009	Psychogenic stupor (disorder)
191687005	Psychosis with origin in childhood (disorder)
191689008	Active infantile autism (disorder)
191690004	Residual infantile autism (disorder)
191692007	Active disintegrative psychoses (disorder)
191693002	Residual disintegrative psychoses (disorder)
191696005	Atypical childhood psychoses (disorder)
191697001	Borderline psychosis of childhood (disorder)
191713008	Dissociative tremor (disorder)
191714002	Dissociative convulsions (disorder)
191722009	Agoraphobia with panic attacks (disorder)
191724005	Social phobia, fear of eating in public (disorder)
191725006	Social phobia, fear of public speaking (disorder)
191726007	Social phobia, fear of public washing (disorder)
191736004	Obsessive-compulsive disorder (disorder)
191737008	Compulsive neurosis (disorder)
191738003	Obsessional neurosis (disorder)
191744004	Writer's cramp neurosis (disorder)
191746002	Psychasthenic neurosis (disorder)
191753006	Hypomanic personality disorder (disorder)
191765005	Emotionally unstable personality disorder (disorder)
191766006	Psychoinfantile personality (disorder)
191772006	Eccentric personality disorder (disorder)
191773001	Immature personality disorder (disorder)
191774007	Masochistic personality disorder (disorder)
191787001	Psychosexual identity disorder (disorder)
191804003	Continuous acute alcoholic intoxication in alcoholism (disorder)
191805002	Episodic acute alcoholic intoxication in alcoholism (disorder)
191811004	Continuous chronic alcoholism (disorder)
191812006	Episodic chronic alcoholism (disorder)
191813001	Chronic alcoholism in remission (disorder)
191819002	Continuous opioid dependence (disorder)
191820008	Episodic opioid dependence (disorder)
191821007	Opioid dependence in remission (disorder)
191825003	Hypnotic or anxiolytic dependence, continuous (disorder)
191826002	Hypnotic or anxiolytic dependence, episodic (disorder)
191831000	Cocaine dependence, continuous (disorder)



191832007	Cocaine dependence, episodic (disorder)
191833002	Cocaine dependence in remission (disorder)
191837001	Cannabis dependence, continuous (disorder)
191838006	Cannabis dependence, episodic (disorder)
191839003	Cannabis dependence in remission (disorder)
191843004	Amphetamine or psychostimulant dependence, continuous (disorder)
191844005	Amphetamine or psychostimulant dependence, episodic (disorder)
191845006	Amphetamine or psychostimulant dependence in remission (disorder)
191849000	Hallucinogen dependence, continuous (disorder)
191853003	Glue sniffing dependence (disorder)
191855005	Glue sniffing dependence, continuous (disorder)
191865004	Combined opioid with non-opioid drug dependence (disorder)
191867007	Combined opioid with non-opioid drug dependence, continuous (disorder)
191868002	Combined opioid with non-opioid drug dependence, episodic (disorder)
191873008	Combined drug dependence, excluding opioid, continuous (disorder)
191874002	Combined drug dependence, excluding opioid, episodic (disorder)
191875001	Combined drug dependence, excluding opioid, in remission (disorder)
191928000	Abuse of antidepressant drug (disorder)
191930003	Nondependent antidepressant type drug abuse, continuous (disorder)
191931004	Nondependent antidepressant type drug abuse, episodic (disorder)
191932006	Nondependent antidepressant type drug abuse in remission (disorder)
191952007	Somatoform autonomic dysfunction - respiratory tract (disorder)
191953002	Psychogenic air hunger (disorder)
191962000	Neurocirculatory asthenia (disorder)
191965003	Psychogenic skin symptoms (disorder)
191966002	Psychogenic pruritus (disorder)
191970005	Cyclical vomiting - psychogenic (disorder)
191972002	Psychogenic dyspepsia (disorder)
191973007	Psychogenic constipation (disorder)

191980009	Psychogenic endocrine malfunction (disorder)
191981008	Psychogenic symptom of special sense organ (disorder)
191983006	Bruxism (teeth grinding) (disorder)
191990001	Transient childhood tic (disorder)
191997003	Persistent insomnia (disorder)
192003008	Sleep drunkenness (disorder)
192007009	Short-sleeper (disorder)
192014006	Psychogenic rumination (disorder)
192016008	Non-organic infant feeding disturbance (disorder)
192017004	Non-organic loss of appetite (disorder)
192029008	Psychogenic backache (disorder)
192037000	Acute panic state due to acute stress reaction (disorder)
192038005	Acute fugue state due to acute stress reaction (disorder)
192039002	Acute stupor state due to acute stress reaction (disorder)
192041001	Acute situational disturbance (disorder)
192042008	Acute post-trauma stress state (disorder)
192044009	Stress reaction causing mixed disturbance of emotion and conduct (disorder)
192046006	Brief depressive adjustment reaction (disorder)
192049004	Prolonged depressive adjustment reaction (disorder)
192051000	Adolescent emancipation disorder (disorder)
192052007	Early adult emancipation disorder (disorder)
192054008	Culture shock (disorder)
192056005	Adjustment reaction with aggression (disorder)
192057001	Adjustment reaction with antisocial behavior (disorder)
192058006	Adjustment reaction with destructiveness (disorder)
192061007	Concentration camp syndrome (disorder)
192063005	Adjustment reaction with physical symptoms (disorder)
192064004	Elective mutism due to an adjustment reaction (disorder)
192065003	Hospitalism (disorder)
192069009	Specific nonpsychotic mental disorders following organic brain damage (disorder)
192072002	Organic memory impairment (disorder)
192073007	Change in personality (disorder)
192079006	Postviral depression (disorder)
192080009	Chronic depression (disorder)
192082001	Aggressive unsocial conduct disorder (disorder)
192092009	Group delinquency (disorder)
192097003	Isolated explosive disorder (disorder)
192099000	Childhood disorder of conduct and emotion (disorder)

192100008	Neurotic delinquency (disorder)
192108001	Disturbance of anxiety and fearfulness in childhood and adolescence (disorder)
192110004	Childhood and adolescent fearfulness disturbance (disorder)
192118006	Childhood and adolescent relationship problem (disorder)
192119003	Sibling jealousy (disorder)
192122001	Childhood or adolescent identity disorder (disorder)
192123006	Academic underachievement disorder (disorder)
192127007	Child attention deficit disorder (disorder)
192131001	Hyperkinesis with developmental delay (disorder)
192132008	Hyperkinetic conduct disorder (disorder)
192136006	Specific reading disorder (disorder)
192138007	Developmental dyslexia (disorder)
192147004	Mixed disorder of psychological development (disorder)
192362008	Bipolar affective disorder, current episode mixed (disorder)
192523000	Sexual relationship disorder (disorder)
192527004	Elaboration of physical symptoms for psychological reasons (disorder)
192562009	Disorder of psychological development (disorder)
192575009	Mixed disorder of scholastic skills (disorder)
192611004	Childhood phobic anxiety disorder (disorder)
192616009	Childhood or adolescent disorder of social functioning (disorder)
192630004	Psychogenic feeding disorder of infancy and childhood (disorder)
192631000	Pica of infancy and childhood (disorder)
193000006	Severe bipolar II disorder, most recent episode major depressive with psychotic features, mood-congruent (disorder)
193756007	Charles Bonnet syndrome (disorder)
1938002	Emotional AND/OR mental disease in mother complicating pregnancy, childbirth AND/OR puerperium (disorder)
194437008	Disorders of initiating and maintaining sleep (disorder)
19445006	Opioid-induced psychotic disorder with hallucinations (disorder)
19480005	Axis V diagnosis (disorder)
19527009	Major depression, single episode, in complete remission (disorder)
19694002	Late onset dysthymia (disorder)
1973000	Sedative, hypnotic AND/OR anxiolytic-induced psychotic disorder with delusions (disorder)
197480006	Anxiety disorder (disorder)

19766004	Panic disorder with agoraphobia, mild agoraphobic avoidance AND severe panic attacks (disorder)
198036002	Impotence of organic origin (disorder)
19922006	Compulsive sexual sadism (disorder)
199257008	Mental disorders during pregnancy, childbirth and the puerperium (disorder)
199259006	Mental disorder during pregnancy - baby delivered (disorder)
199260001	Mental disorder in the puerperium - baby delivered (disorder)
199261002	Mental disorder during pregnancy - baby not yet delivered (disorder)
199262009	Mental disorder in the puerperium - baby delivered during previous episode of care (disorder)
19972008	Postencephalitic parkinsonism (disorder)
20010003	Borderline personality disorder (disorder)
20250007	Severe major depression, single episode, with psychotic features, mood-incongruent (disorder)
20385005	Opioid-induced psychotic disorder with delusions (disorder)
20871009	Phencyclidine intoxication (disorder)
20876004	Inhalant-induced anxiety disorder (disorder)
20960007	Severe bipolar II disorder, most recent episode major depressive with psychotic features, mood-incongruent (disorder)
21000000	Idiosyncratic intoxication (disorder)
21586000	Munchausen's syndrome (disorder)
21634003	Borjeson-Forssman-Lehmann syndrome (disorder)
21647008	Amphetamine dependence (disorder)
21897009	Generalized anxiety disorder (disorder)
21900002	Bipolar I disorder, most recent episode depressed with catatonic features (disorder)
22121000	Depressed bipolar I disorder in full remission (disorder)
22230001	Panic disorder with agoraphobia, agoraphobic avoidance in partial remission AND panic attacks in full remission (disorder)
22381000119105	Primary degenerative dementia (disorder)
22407005	Bipolar II disorder, most recent episode major depressive with catatonic features (disorder)
22419002	Mood disorder with mixed features due to general medical condition (disorder)
225040001	Localized dissociative amnesia (disorder)
22574000	Cocaine-induced sleep disorder (disorder)
229025005	Lindinism (disorder)
229621000	Disorder of fluency (disorder)

229622007	Dysfluency (disorder)
229623002	Developmental dysfluency (disorder)
229625009	Normal non-fluency (disorder)
229629003	Idiopathic stammering (disorder)
229630008	Psychogenic stammering (disorder)
229631007	Acquired stammering (disorder)
229632000	Neurogenic stammering (disorder)
229672009	Language disorder of dementia (disorder)
229683000	Motor speech disorder (disorder)
229698003	Articulatory dyspraxia (disorder)
229699006	Immature articulatory praxis (disorder)
229700007	Developmental motor speech disorder (disorder)
229701006	Developmental articulatory dyspraxia (disorder)
229714007	Persistent developmental avoidance (disorder)
229715008	Deficits in attention motor control and perception (disorder)
229721007	Speech delay (disorder)
229729009	Developmental language impairment (disorder)
229733002	Expressive language disorder (disorder)
229734008	Expressive language delay (disorder)
229736005	Receptive language delay (disorder)
229738006	Word finding difficulty (disorder)
229740001	Delayed pre-verbal development (disorder)
229741002	Restricted language development (disorder)
229742009	Restricted expressive language development (disorder)
229743004	Restricted receptive language development (disorder)
229744005	Developmental syntactic impairment (disorder)
229745006	Developmental semantic impairment (disorder)
229748008	Congenital auditory imperception (disorder)
229750000	Lexical syntactic disorder (disorder)
229751001	Semantic-pragmatic disorder (disorder)
230258005	Amyotrophic lateral sclerosis with dementia (disorder)
230265002	Familial Alzheimer's disease of early onset (disorder)
230266001	Non-familial Alzheimer's disease of early onset (disorder)
230267005	Familial Alzheimer's disease of late onset (disorder)
230268000	Non-familial Alzheimer's disease of late onset (disorder)
230269008	Focal Alzheimer's disease (disorder)
230280008	Progressive aphasia in Alzheimer's disease (disorder)
230282000	Post-traumatic dementia (disorder)
230283005	Punch drunk syndrome (disorder)
230285003	Vascular dementia of acute onset (disorder)

230286002	Subcortical vascular dementia (disorder)
230287006	Mixed cortical and subcortical vascular dementia (disorder)
230288001	Semantic dementia (disorder)
230289009	Patchy dementia (disorder)
230290000	Epileptic dementia (disorder)
230334008	Drug-induced tic (disorder)
230335009	Facial tic disorder (disorder)
230338006	Gestural tic disorder (disorder)
230438007	Acquired epileptic aphasia (disorder)
230443000	Narcotic withdrawal epilepsy (disorder)
230455006	Self-induced non-photosensitive epilepsy (disorder)
230488004	Hypersomnia of non-organic origin (disorder)
230497000	Sleep-related head banging (disorder)
2312009	Reactive attachment disorder of infancy OR early childhood, inhibited type (disorder)
231437006	Reactive psychoses (disorder)
231438001	Presbyophrenic psychosis (disorder)
231439009	Toxic confusional state (disorder)
231440006	Delirium of mixed origin (disorder)
231442003	Organic catatonic disorder (disorder)
231443008	Right hemispheric organic affective disorder (disorder)
231444002	Organic bipolar disorder (disorder)
231445001	Organic dissociative disorder (disorder)
231446000	Organic emotionally labile disorder (disorder)
231448004	Age-associated memory impairment (disorder)
231449007	Epileptic psychosis (disorder)
231450007	Psychosis associated with intensive care (disorder)
231451006	Drug-induced intensive care psychosis (disorder)
231452004	Limbic epilepsy personality syndrome (disorder)
231453009	Lobotomy syndrome (disorder)
231454003	Organic pseudopsychopathic personality (disorder)
231455002	Organic pseudoretarded personality (disorder)
231456001	Postleucotomy syndrome (disorder)
231457005	Organic psychosyndrome (disorder)
231458000	Abuse of steroids (disorder)
231459008	Abuse of nonpsychotropic analgesic drugs (disorder)
231461004	Hypnotic or anxiolytic abuse (disorder)
231467000	Absinthe addiction (disorder)
231470001	Anxiolytic dependence (disorder)
231472009	Barbiturate dependence (disorder)

231473004	Benzodiazepine dependence (disorder)
231474005	Diazepam dependence (disorder)
231475006	Librium dependence (disorder)
23148009	Undifferentiated attention deficit disorder (disorder)
231485007	Post-schizophrenic depression (disorder)
231487004	Persistent delusional disorder (disorder)
231489001	Acute transient psychotic disorder (disorder)
231494001	Mania (disorder)
231495000	Manic stupor (disorder)
231496004	Hypomania (disorder)
231499006	Endogenous depression first episode (disorder)
231500002	Masked depression (disorder)
231504006	Mixed anxiety and depressive disorder (disorder)
231509001	Dissociative astasia-abasia (disorder)
231515001	Hypochondriacal pain (disorder)
231516000	Cutaneous hypochondriasis (disorder)
231517009	Somatoform autonomic dysfunction (disorder)
231518004	Globus abdominalis (disorder)
231519007	Depersonalization-derealization syndrome (disorder)
231520001	Behavioral syndrome associated with physiological disturbance and physical factors (disorder)
231521002	Weight fixation (disorder)
231522009	Atypical anorexia nervosa (disorder)
231523004	Atypical bulimia nervosa (disorder)
231524005	Interictal behavior disorder (disorder)
231525006	Manipulative personality disorder (disorder)
231526007	Fanatic personality (disorder)
231527003	Explosive personality disorder (disorder)
231528008	Anxious personality disorder (disorder)
231530005	Post-concussional personality disorder (disorder)
231532002	Sexual disorder (disorder)
231535000	Language development disorder (disorder)
231536004	Atypical autism (disorder)
231537008	Developmental agnosia (disorder)
231538003	Behavioral and emotional disorder with onset in childhood (disorder)
231539006	Adolescent - emotional problem (disorder)
231540008	Conduct disorder - in family context (disorder)
231541007	Conduct disorder - unsocialized (disorder)
231542000	Depressive conduct disorder (disorder)

232059000	Laurence-Moon syndrome (disorder)
233690008	Factitious asthma (disorder)
23560001	Asperger's disorder (disorder)
236074001	Diarrhea due to laxative abuse (disorder)
23645006	Organic mood disorder (disorder)
236751006	Drug-induced impotence (disorder)
236752004	Endocrine impotence (disorder)
236753009	Neuropathic impotence (disorder)
237349002	Mild postnatal depression (disorder)
237350002	Severe postnatal depression (disorder)
237351003	Mild postnatal psychosis (disorder)
237352005	Severe postnatal psychosis (disorder)
23772009	Dysphonia of Gilles de la Tourette's syndrome (disorder)
238110009	Nutritional mental retardation (disorder)
238959007	Disorders of cutaneous image and perception (disorder)
238960002	Dermatological non-disease (disorder)
238961003	Trichophobia (disorder)
238965007	Venereophobia (disorder)
238966008	Syphilophobia (disorder)
238967004	Psychogenic sensory disturbance of skin (disorder)
238972008	Cutaneous monosymptomatic delusional psychosis (disorder)
238973003	Delusions of parasitosis (disorder)
238974009	Delusions of infestation (disorder)
238975005	Delusion of foul odor (disorder)
238976006	Bromisodrophobia (disorder)
238977002	Delusional hyperhidrosis (disorder)
238978007	Hyperschemazia (disorder)
238979004	Hyposchemazia (disorder)
2403008	Psychoactive substance dependence (disorder)
24121004	Insomnia disorder related to another mental disorder (disorder)
24125008	Mental disorder in infancy (disorder)
24315006	Factitious disorder with combined physical AND psychological symptoms (disorder)
247803002	Seasonal affective disorder (disorder)
247804008	Schizophrenic prodrome (disorder)
24781009	Panic disorder with agoraphobia, mild agoraphobic avoidance AND panic attacks in full remission (disorder)
248103001	Flashing (disorder)
248118000	Self-induced purging to lose weight (disorder)
248290002	Developmental delay (disorder)



249520001	Self-induced purging (disorder)
25029006	Deferred diagnosis on Axis III (disorder)
2506003	Early onset dysthymia (disorder)
25501002	Social phobia (disorder)
25753007	Amphetamine-induced sleep disorder (disorder)
25766007	Mixed receptive-expressive language disorder (disorder)
25772007	Multi-infarct dementia with delusions (disorder)
25807006	Relative impotence (disorder)
25922000	Major depressive disorder, single episode with postpartum onset (disorder)
25971005	Pedophilia, exclusive type (disorder)
26025008	Residual schizophrenia (disorder)
2618002	Chronic recurrent major depressive disorder (disorder)
26203008	Severe depressed bipolar I disorder with psychotic features, mood-incongruent (disorder)
26416006	Drug abuse (disorder)
26453000	Mental disorder in adolescence (disorder)
26472000	Paraphrenia (disorder)
26516009	Severe mood disorder with psychotic features (disorder)
26530004	Severe bipolar disorder with psychotic features, mood-incongruent (disorder)
26665006	Antisocial personality disorder (disorder)
26714005	Cannabis-induced psychotic disorder with hallucinations (disorder)
267320004	Pregnancy with mental disorders (disorder)
267414004	Jumping disease (disorder)
26852004	Primary degenerative dementia of the Alzheimer type, senile onset, with depression (disorder)
268612007	Senile and presenile organic psychotic conditions (disorder)
268617001	Acute schizophrenic episode (disorder)
268619003	Manic disorder, single episode (disorder)
268620009	Single major depressive episode (disorder)
268621008	Recurrent major depressive episodes (disorder)
268622001	Chronic paranoid psychosis (disorder)
268624000	Acute paranoid reaction (disorder)
268633003	Introverted personality disorder (disorder)
268634009	Psychoneurotic personality disorder (disorder)
268640002	Hypnotic or anxiolytic dependence (disorder)
268650001	Somatoform autonomic dysfunction - gastrointestinal tract (disorder)
268651002	Psychogenic diarrhea (disorder)

268652009	Transient insomnia (disorder)
268654005	Repetitive intrusions of sleep (disorder)
268658008	Specific academic or work inhibition (disorder)
268661009	Nonaggressive unsocial conduct disorder (disorder)
268662002	Unsocial childhood truancy (disorder)
268664001	Childhood emotional disorder (disorder)
268666004	Childhood and adolescent disturbance with sensitivity (disorder)
268667008	Childhood and adolescent disturbance with shyness (disorder)
268668003	Childhood and adolescent disturbance with introversion (disorder)
268669006	Childhood and adolescent disturbance with elective mutism (disorder)
268672004	Disorder of speech and language development (disorder)
268673009	Developmental aphasia (disorder)
268715000	Dissociative motor disorder (disorder)
268722008	Non-organic disorder of the sleep-wake schedule (disorder)
268724009	Excessive sexual drive (disorder)
268727002	Abuse of non-dependence-producing substances (disorder)
268734000	Developmental expressive language disorder (disorder)
268738002	Specific spelling disorder (disorder)
268957000	Neurotic condition, insight present (disorder)
268958005	Poor insight into neurotic condition (disorder)
26929004	Alzheimer's disease (disorder)
270901009	Schizoaffective disorder, mixed type (disorder)
270902002	Overeating associated with other psychological disturbances (disorder)
270903007	Lack or loss of sexual desire (disorder)
270905000	Childhood disinhibited attachment disorder (disorder)
271428004	Schizoaffective disorder, manic type (disorder)
271952001	Stress and adjustment reaction (disorder)
27387000	Subchronic disorganized schizophrenia (disorder)
274948002	Endogenous depression - recurrent (disorder)
274950005	Sleep-related bruxism (disorder)
274952002	Borderline schizophrenia (disorder)
274953007	Acute polymorphic psychotic disorder (disorder)
27544004	Developmental coordination disorder (disorder)
275471001	Psychostimulant dependence (disorder)
275473003	Specific work inhibition (disorder)
275474009	Psychogenic overeating (disorder)

276296007	Dissociative trance (disorder)
276297003	Dissociative possession disorder (disorder)
276300008	Dissociative stupor (disorder)
27720003	Dermatitis factitia (disorder)
2776000	Delirium (disorder)
278506006	Involuntal paranoid state (disorder)
278508007	Delusional dysmorphophobia (disorder)
278852008	Paranoid-hallucinatory epileptic psychosis (disorder)
278853003	Acute schizophrenia-like psychotic disorder (disorder)
278857002	Dementia of frontal lobe type (disorder)
278919001	Communication disorder (disorder)
279225001	Maternity blues (disorder)
27956007	Cocaine intoxication (disorder)
279611005	Shell shock (disorder)
279982005	Cerebral degeneration presenting primarily with dementia (disorder)
280032002	Developmental language disorder (disorder)
280375000	Psychological disorder associated with sexual development (disorder)
280377008	Sexual maturation disorder of sexual identity (disorder)
280378003	Sexual maturation disorder of sexual orientation (disorder)
280901000	Couvade (disorder)
280943007	Dissociative confusion (disorder)
280945000	Derealization syndrome (disorder)
280946004	Occupational neurosis (disorder)
280949006	Erotomania (disorder)
280982009	Abuse of laxatives (disorder)
280983004	Abuse of vitamins (disorder)
280984005	Abuse of herbal medicine (disorder)
280986007	Abuse of antacids (disorder)
280994000	Chronic confusional state (disorder)
281004	Dementia associated with alcoholism (disorder)
2815001	Sexual pyromania (disorder)
282347007	Arteriopathic impotence (disorder)
28357009	Transitory postpartum mood disturbance (disorder)
28368009	Psychoactive substance-induced organic hallucinosis (disorder)
28475009	Severe recurrent major depression with psychotic features (disorder)
28663008	Severe manic bipolar I disorder with psychotic features (disorder)

28676002	Mood disorder with manic features due to general medical condition (disorder)
286933003	Confusional state (disorder)
288281000119100	Abuse of herbal medicine or folk remedy (disorder)
28857002	Reactive attachment disorder of infancy OR early childhood (disorder)
28864000	Sedative, hypnotic AND/OR anxiolytic-induced mood disorder (disorder)
28884001	Moderate bipolar I disorder, single manic episode (disorder)
29212009	Alcohol-induced organic mental disorder (disorder)
29599000	Chronic undifferentiated schizophrenia (disorder)
29657007	Deferred diagnosis on Axis IV (disorder)
29733004	Opioid-induced mood disorder (disorder)
29929003	Bipolar I disorder, most recent episode depressed with atypical features (disorder)
2994004	Brain fog (disorder)
30059008	Panic disorder with agoraphobia, severe agoraphobic avoidance AND moderate panic attacks (disorder)
300706003	Endogenous depression (disorder)
30077003	Somatoform pain disorder (disorder)
300960003	Psychogenic back pain (disorder)
300979000	Carer stress syndrome (disorder)
300992002	Alcohol-induced cerebellar ataxia (disorder)
301643003	Sedative, hypnotic AND/OR anxiolytic-induced persisting amnesic disorder (disorder)
30169000	Psychogenic deafness (disorder)
302507002	Sedative amnesic disorder (disorder)
30310000	Nicotine-induced organic mental disorder (disorder)
30336007	Chronic residual schizophrenia with acute exacerbations (disorder)
30491001	Cocaine delusional disorder (disorder)
30509009	Gender identity disorder of adolescence, previously homosexual (disorder)
30520009	Severe bipolar II disorder, most recent episode major depressive with psychotic features (disorder)
30605009	Major depression in partial remission (disorder)
30687003	Bipolar II disorder, most recent episode major depressive with postpartum onset (disorder)
307417003	Cycloid psychosis (disorder)
30871003	Flashbacks (disorder)
309279000	Caffeine-induced organic mental disorder (disorder)

30935000	Manic bipolar I disorder in full remission (disorder)
310202009	Arylcyclohexylamine-induced organic mental disorder (disorder)
31027006	Schizotypal personality disorder (disorder)
310495003	Mild depression (disorder)
310496002	Moderate depression (disorder)
310497006	Severe depression (disorder)
310814007	Discourse difficulties (disorder)
3109008	Secondary dysthymia early onset (disorder)
311173003	Phencyclidine-related disorder (disorder)
31177006	Attention deficit hyperactivity disorder, combined type (disorder)
312098001	Sedative, hypnotic AND/OR anxiolytic-related disorder (disorder)
31216003	Profound mental retardation (Intelligence Quotient below 20) (disorder)
312936002	Anxiolytic-induced organic mental disorder (disorder)
31297008	Somatoform disorder (disorder)
312991009	Senile dementia of the Lewy body type (disorder)
313182004	Chronic post-traumatic stress disorder (disorder)
313224008	Dysmorphophobia (disorder)
313426007	Kabuki make-up syndrome (disorder)
31358003	Coprophilia (disorder)
31373002	Disorganized schizophrenia in remission (disorder)
313915006	Hypnotic-induced organic mental disorder (disorder)
31446002	Bipolar I disorder, most recent episode hypomanic (disorder)
3158007	Panic disorder with agoraphobia, agoraphobic avoidance in partial remission AND panic attacks in partial remission (disorder)
31611000	Multiple personality disorder (disorder)
31658008	Chronic paranoid schizophrenia (disorder)
31715000	Phencyclidine delirium (disorder)
31781004	Panic disorder with agoraphobia, agoraphobic avoidance in partial remission AND mild panic attacks (disorder)
317816007	Stockholm syndrome (disorder)
318784009	Posttraumatic stress disorder, delayed onset (disorder)
319768000	Recurrent major depressive disorder with melancholic features (disorder)
32009006	Hallucinogen hallucinosis (disorder)
320751009	Major depression, melancholic type (disorder)
321717001	Involutional depression (disorder)
32174002	Voice disorder due to psychosexual conflict (disorder)

32358001	Amphetamine delusional disorder (disorder)
32388005	Panic disorder with agoraphobia, agoraphobic avoidance in partial remission AND moderate panic attacks (disorder)
32410009	Pederasty (disorder)
32552001	Psychoactive substance-induced organic delusional disorder (disorder)
32721004	Bulimia nervosa, purging type (disorder)
32875003	Inhalant-induced persisting dementia (disorder)
32880007	Adjustment disorder with work inhibition (disorder)
3298001	Amnesic disorder (disorder)
33078009	Severe recurrent major depression with psychotic features, mood-congruent (disorder)
33135002	Recurrent major depression in partial remission (disorder)
33323008	Somatic delusion disorder (disorder)
33380008	Severe manic bipolar I disorder with psychotic features, mood-incongruent (disorder)
33449004	Personality disorder (disorder)
33693007	Compensation neurosis (disorder)
33736005	Severe major depression with psychotic features, mood-congruent (disorder)
33871004	Phencyclidine-induced psychotic disorder with hallucinations (disorder)
33982008	Hyperphosphatasemia with mental retardation (disorder)
34116005	Panic disorder with agoraphobia, agoraphobic avoidance in full remission AND severe panic attacks (disorder)
34315001	Bipolar II disorder, most recent episode major depressive with melancholic features (disorder)
34485008	Axis IV diagnosis (disorder)
34938008	Alcohol-induced anxiety disorder (disorder)
3503000	Gender identity disorder of adolescence, previously asexual (disorder)
35218008	Chronic disorganized schizophrenia with acute exacerbations (disorder)
35252006	Disorganized schizophrenia (disorder)
35253001	Attention deficit hyperactivity disorder, predominantly inattentive type (disorder)
3530005	Bipolar I disorder, single manic episode, in full remission (disorder)
35481005	Mixed bipolar I disorder in remission (disorder)
35489007	Depressive disorder (disorder)
35607004	Panic disorder with agoraphobia (disorder)

35722002	Severe bipolar II disorder, most recent episode major depressive, in remission (disorder)
357705009	Cotard's syndrome (disorder)
35827000	Recurrent conversion disorder (disorder)
35846004	Moderate bipolar II disorder, most recent episode major depressive (disorder)
3586005	Psychogenic fugue (disorder)
35919005	Pervasive developmental disorder (disorder)
359661001	Specific number difficulty (disorder)
36039004	Rumination disorder of infancy (disorder)
36124002	Primary hypersomnia (disorder)
361272001	Cerebellar ataxia due to alcoholism (disorder)
36158005	Schizophreniform disorder with good prognostic features (disorder)
36170009	Secondary dysthymia late onset (disorder)
36217008	Organic personality disorder (disorder)
36262007	Pygmalionism (disorder)
36474008	Severe recurrent major depression without psychotic features (disorder)
36583000	Mixed bipolar I disorder in partial remission (disorder)
36622002	Mild mood disorder (disorder)
367515004	Receptive language disorder (disorder)
36923009	Major depression, single episode (disorder)
36943003	Making obscene telephone calls (disorder)
370143000	Major depressive disorder (disorder)
371024007	Senile dementia with delusion (disorder)
371026009	Senile dementia with psychosis (disorder)
371596008	Bipolar I disorder (disorder)
371599001	Severe bipolar I disorder (disorder)
371600003	Severe bipolar disorder (disorder)
371604007	Severe bipolar II disorder (disorder)
371631005	Panic disorder (disorder)
37224001	Psychogenic vomiting (disorder)
37331004	Psychoactive substance-induced organic mood disorder (disorder)
373618009	Autistic spectrum disorder with isolated skills (disorder)
37739004	Mood disorder due to a general medical condition (disorder)
37746008	Avoidant personality disorder (disorder)
37868008	Anxiety disorder of adolescence (disorder)
37872007	Avoidant disorder of childhood OR adolescence (disorder)

37941009	Rumination disorder (disorder)
38295006	Involuntal paraphrenia (disorder)
38328002	Panic disorder with agoraphobia, severe agoraphobic avoidance AND panic attacks in full remission (disorder)
38368003	Schizoaffective disorder, bipolar type (disorder)
38451003	Primary dysthymia early onset (disorder)
38547003	Mood disorder in full remission (disorder)
386537007	Psychogenic pylorospasm (disorder)
386572005	Psychogenic syncope (disorder)
386701004	Developmental articulation disorder (disorder)
386805003	Mild cognitive disorder (disorder)
386810004	Phobic disorder (disorder)
386820009	Socialized behavior disorder (disorder)
386821008	Adjustment reaction in infancy (disorder)
386822001	Adjustment reaction of adolescence (disorder)
386823006	Adjustment reaction of adult life (disorder)
386824000	Adjustment reaction of childhood (disorder)
386825004	Adjustment reaction of late life (disorder)
38694004	Recurrent major depressive disorder with atypical features (disorder)
39003006	Psychoactive substance-induced organic delirium (disorder)
391099000	On examination - speech delay (disorder)
3914008	Mental disorder in childhood (disorder)
39465007	Emotional deprivation syndrome (disorder)
39610001	Undifferentiated schizophrenia in remission (disorder)
3972004	Primary insomnia (disorder)
397795007	Polysomatizing disorder (disorder)
397803000	Impotence (disorder)
397826007	Briquet's syndrome (disorder)
397923000	Somatization disorder (disorder)
398066007	Intensive care psychiatric disorder (disorder)
39807006	Cannabis intoxication delirium (disorder)
39809009	Recurrent major depressive disorder with catatonic features (disorder)
39951001	Cannabis-induced anxiety disorder (disorder)
40083003	Stereotypic movement disorder with self-injurious behavior (disorder)
402732001	Habit tic (disorder)
402733006	Habit tic affecting skin (disorder)
402735004	Habit tic affecting hair (disorder)



402736003	Factitious skin disease (disorder)
403170002	Callosity due to biting and/or chewing (disorder)
403474003	Self-inflicted trauma involving penis (disorder)
403583006	Deliberate self-cutting (disorder)
403586003	Cutaneous Munchausen syndrome (disorder)
403590001	Cutaneous Munchausen syndrome by proxy (disorder)
403593004	Phobic fear of skin cancer (disorder)
403594005	Psychogenic formication (disorder)
403595006	Pinocchio syndrome (disorder)
40379007	Mild recurrent major depression (disorder)
40425004	Postconcussion syndrome (disorder)
404906000	Postoperative confusion (disorder)
40568001	Recurrent brief depressive disorder (disorder)
40571009	Hallucinogen intoxication delirium (disorder)
406506008	Attention deficit hyperactivity disorder (disorder)
40673001	Post-encephalitic syndrome (disorder)
40700009	Severe mental retardation (Intelligence Quotient 20-34) (disorder)
407374003	Transsexual (finding)
408856003	Autistic disorder (disorder)
408857007	Infantile autism (disorder)
408858002	Infantile psychosis (disorder)
40926005	Moderate mixed bipolar I disorder (disorder)
40987004	Intermittent explosive disorder (disorder)
41021005	Psychologic dyspareunia (disorder)
41083005	Alcohol-induced sleep disorder (disorder)
412787009	Mental retardation, congenital heart disease, blepharophimosis, blepharoptosis and hypoplastic teeth (disorder)
414673004	Mental retardation, dwarfism, and gonadal hypoplasia due to xeroderma pigmentosa (disorder)
41524005	Flagellantism (disorder)
41526007	Reactive attachment disorder (disorder)
41552001	Mild bipolar I disorder, single manic episode (disorder)
416073003	Long duration flashbacks (disorder)
416340002	Late onset schizophrenia (disorder)
416714005	Episodic flashbacks (disorder)
416780008	Primary degenerative dementia of the Alzheimer type, presenile onset (disorder)
416975007	Primary degenerative dementia of the Alzheimer type, senile onset (disorder)

417143004	Short duration flashbacks (disorder)
417360004	Duplicative flashbacks (disorder)
41832009	Severe bipolar I disorder, single manic episode with psychotic features (disorder)
41836007	Bipolar disorder in full remission (disorder)
418475009	Drug-induced sleep disorder (disorder)
420614009	Organic dementia associated with acquired immunodeficiency syndrome (disorder)
420774007	Organic brain syndrome associated with acquired immunodeficiency syndrome (disorder)
421023003	Presenile dementia associated with acquired immunodeficiency syndrome (disorder)
421529006	Dementia associated with acquired immunodeficiency syndrome (disorder)
422437002	X-linked mental retardation with marfanoid habitus syndrome (disorder)
42344001	Alcohol-induced psychosis (disorder)
424271007	Hysterical cataplexy (disorder)
425390006	Dementia associated with Parkinson's Disease (disorder)
425476007	Non-organic parasomnia (disorder)
425499006	Non-organic communication disorder (disorder)
425533007	Episodic drug abuse (disorder)
425832009	Psychophysiologic insomnia (disorder)
425881006	Limit-setting sleep disorder (disorder)
425885002	Continuous phencyclidine abuse (disorder)
425914008	Adjustment reaction to medical therapy (disorder)
425919003	Chronic organic mental disorder (disorder)
42594001	Organic mood disorder of depressed type (disorder)
426041005	Developmental dyslalia (disorder)
426095000	Continuous inhalant abuse (disorder)
426174008	Chronic stress disorder (disorder)
426578000	Premenstrual dysphoric disorder in remission (disorder)
426590003	Drug abuse, continuous (disorder)
426824009	Sleep-onset association disorder (disorder)
426873000	Methamphetamine dependence (disorder)
426881004	Developmental delay in feeding (disorder)
427145007	Articulation disorder due to hyperkinesis (disorder)
427205009	Amphetamine abuse, continuous (disorder)
427229002	Episodic inhalant abuse (disorder)
427327003	Sedative dependence (disorder)
427469003	Eating disorder in remission (disorder)

427975003	Drug-induced delusional disorder (disorder)
428007007	Erectile dysfunction associated with type 2 diabetes mellitus (disorder)
42810003	Major depression in remission (disorder)
42868002	Subchronic catatonic schizophrenia (disorder)
428687006	Nightmares associated with chronic post-traumatic stress disorder (disorder)
428703001	Transient organic mental disorder (disorder)
42925002	Major depressive disorder, single episode with atypical features (disorder)
429458009	Dementia due to Creutzfeldt Jakob disease (disorder)
429571005	Sleep-related dissociative disorder (disorder)
429672007	Drug-induced mood disorder (disorder)
429998004	Vascular dementia (disorder)
4306003	Cluster B personality disorder (disorder)
430744005	Factitious disorder with predominantly physical signs and symptoms (disorder)
430751001	Factitious disorder with predominantly psychological signs and symptoms (disorder)
430852001	Severe major depression, single episode, with psychotic features (disorder)
430909002	Conduct disorder (disorder)
43150009	Panic disorder without agoraphobia with severe panic attacks (disorder)
432091002	Savant syndrome (disorder)
43497001	Amphetamine-induced mood disorder (disorder)
43568002	Bipolar II disorder, most recent episode major depressive with atypical features (disorder)
43614003	Autistic disorder of childhood onset (disorder)
43769008	Mild mixed bipolar I disorder (disorder)
439960005	Binge eating disorder (disorder)
44031002	Postseizure confusion (disorder)
44124003	Reactive attachment disorder of early childhood (disorder)
441527004	Stimulant abuse (disorder)
441704009	Affective psychosis (disorder)
441711008	Chronic psychogenic pain (disorder)
441716003	Residual childhood psychosis (disorder)
441719005	Speech and language developmental delay due to hearing loss (disorder)
441833000	Lethal catatonia (disorder)
442057004	Chronic depressive personality disorder (disorder)

442059001	Mixed developmental disorder (disorder)
442176004	Sleep dysfunction with arousal disturbance (disorder)
442243005	Psychosexual dysfunction associated with inhibited libido (disorder)
442245003	Chronic hypomanic personality disorder (disorder)
442314000	Active but odd autism (disorder)
442344002	Dementia due to Huntington chorea (disorder)
442351006	Mental disorder due to drug (disorder)
442406005	Stimulant dependence (disorder)
443265004	Cognitive disorder (disorder)
443735008	Nonverbal learning disorder (disorder)
44376007	Dissociative disorder (disorder)
443853005	Psychogenic tremor (disorder)
443919007	Complex posttraumatic stress disorder (disorder)
4441000	Severe bipolar disorder with psychotic features (disorder)
44433009	Recurrent transient tic disorder (disorder)
444613000	Adult attention deficit hyperactivity disorder (disorder)
446175003	Acute posttraumatic stress disorder following military combat (disorder)
446180007	Delayed posttraumatic stress disorder following military combat (disorder)
44966003	Passive aggressive personality disorder (disorder)
45479006	Manic bipolar I disorder in remission (disorder)
45677003	Developmental expressive writing disorder (disorder)
45912004	Organic hallucinosis (disorder)
45924006	Necrophilia (disorder)
45994004	Erotic vomiting (disorder)
46023009	Pedophilia, same AND opposite sex (disorder)
46206005	Mood disorder (disorder)
46229002	Severe mixed bipolar I disorder without psychotic features (disorder)
46244001	Recurrent major depression in complete remission (disorder)
46372006	Female sexual arousal disorder (disorder)
46432001	Lecherism (disorder)
46721000	Psychoactive substance-induced organic personality disorder (disorder)
46762006	Sexual desire disorder (disorder)
46975003	Cocaine-induced organic mental disorder (disorder)
472945003	Previously asexual transsexual (finding)
472946002	Previously heterosexual transsexual (finding)

472947006	Previously homosexual transsexual (finding)
472948001	Cross-dressing (finding)
472949009	Primary transvestism (finding)
472950009	Secondary transvestism (finding)
472981000	Fetishistic transvestism (disorder)
47372000	Adjustment disorder with anxious mood (disorder)
47447001	Grandiose delusion disorder (disorder)
47505003	Posttraumatic stress disorder (disorder)
47664006	Sedative, hypnotic AND/OR anxiolytic-induced psychotic disorder with hallucinations (disorder)
47916000	Developmental arithmetic disorder (disorder)
48046002	Symptomatic sexual masochism (disorder)
4817008	Primary degenerative dementia of the Alzheimer type, senile onset, with delirium (disorder)
48309007	Pedophilia, nonexclusive type (disorder)
48500005	Delusional disorder (disorder)
48589009	Minor depressive disorder (disorder)
4863002	Phencyclidine mood disorder (disorder)
48826008	Conduct disorder, adolescent-onset type (disorder)
48937005	Bipolar II disorder, most recent episode hypomanic (disorder)
4926007	Schizophrenia in remission (disorder)
49271002	Deferred diagnosis on Axis II (disorder)
4932002	Panic disorder with agoraphobia, moderate agoraphobic avoidance AND mild panic attacks (disorder)
49468007	Depressed bipolar I disorder (disorder)
49481000	Postseizure delirium (disorder)
4949009	Motor skill disorder (disorder)
49512000	Depressed bipolar I disorder in partial remission (disorder)
49540005	Non dependent drug abuse (disorder)
49564006	Panic disorder with agoraphobia, mild agoraphobic avoidance AND moderate panic attacks (disorder)
4997005	Thyrotoxicosis factitia (disorder)
5002000	Inhalant dependence (disorder)
50026000	Psychoactive substance-induced organic anxiety disorder (disorder)
50299009	Paraphilia (disorder)
50320000	Hallucinogen intoxication (disorder)
50705009	Factitious disorder (disorder)
50722006	Phencyclidine delusional disorder (disorder)
50878001	Gender identity disorder of adulthood, previously asexual (disorder)

50933003	Hallucinogen delusional disorder (disorder)
5095008	Gender identity disorder of childhood (disorder)
50983008	Panic disorder with agoraphobia, mild agoraphobic avoidance AND panic attacks in partial remission (disorder)
51133006	Residual schizophrenia in remission (disorder)
51239001	Sexual masochism (disorder)
51443000	Amphetamine-induced psychotic disorder with hallucinations (disorder)
51493001	Cocaine-induced anxiety disorder (disorder)
5158005	Gilles de la Tourette's syndrome (disorder)
51637008	Chronic bipolar I disorder, most recent episode depressed (disorder)
51771007	Postviral fatigue syndrome (disorder)
51928006	General paresis - neurosyphilis (disorder)
52448006	Dementia (disorder)
52702003	Chronic fatigue syndrome (disorder)
52824009	Developmental reading disorder (disorder)
52866005	Opioid intoxication delirium (disorder)
52910006	Anxiety disorder due to a general medical condition (disorder)
52954000	Schizoid personality disorder (disorder)
53049002	Severe bipolar disorder without psychotic features (disorder)
53050002	Hallucinogen-induced organic mental disorder (disorder)
53467004	Anxiety disorder of childhood (disorder)
53607008	Depressed bipolar I disorder in remission (disorder)
53936005	Alcohol-induced mood disorder (disorder)
53956006	Panic disorder without agoraphobia with panic attacks in partial remission (disorder)
54319003	Disruptive behavior disorder (disorder)
54417002	Adult gender identity disorder, sexually attracted to females (disorder)
5444000	Sedative, hypnotic AND/OR anxiolytic intoxication delirium (disorder)
54502004	Primary degenerative dementia of the Alzheimer type, presenile onset, with delusions (disorder)
54587008	Simple phobia (disorder)
5464005	Brief reactive psychosis (disorder)
54761006	Severe depressed bipolar I disorder with psychotic features, mood-congruent (disorder)
55009008	Primary degenerative dementia of the Alzheimer type, senile onset, with delusions (disorder)
5507002	Stereotypy habit disorder (disorder)

5509004	Panic disorder with agoraphobia AND severe panic attacks (disorder)
5510009	Organic delusional disorder (disorder)
55341008	Histrionic personality disorder (disorder)
55516002	Bipolar I disorder, most recent episode manic with postpartum onset (disorder)
55668003	Adjustment disorder with mixed emotional features (disorder)
55728007	Sexual aversion disorder (disorder)
55736003	Schizophreniform disorder without good prognostic features (disorder)
55967005	Phencyclidine-induced anxiety disorder (disorder)
56034001	Compulsive exhibitionism (disorder)
56095002	Necrosadism (disorder)
5619004	Bardet-Biedl syndrome (disorder)
56194001	Caffeine-induced sleep disorder (disorder)
56267009	Multi-infarct dementia (disorder)
56573006	Transient tic disorder (disorder)
56576003	Panic disorder without agoraphobia (disorder)
56627002	Psychosexual disorder (disorder)
5664002	Situational hypoactive sexual desire disorder (disorder)
56641006	Axis II diagnosis (disorder)
568005	Tic disorder (disorder)
56882008	Anorexia nervosa (disorder)
5703000	Bipolar disorder in partial remission (disorder)
57194009	Adjustment disorder with depressed mood (disorder)
57588009	Sedative, hypnotic AND/OR anxiolytic-induced sleep disorder (disorder)
57715001	Gender identity disorder of adolescence (disorder)
58214004	Schizophrenia (disorder)
58329000	Organic mood disorder of manic type (disorder)
58349009	Exhibitionism (disorder)
58535001	Physical AND emotional exhaustion state (disorder)
58647003	Severe mood disorder with psychotic features, mood-congruent (disorder)
58703003	Postpartum depression (disorder)
58727001	Phencyclidine dependence (disorder)
58855008	Symptomatic exhibitionism (disorder)
59174009	Fetishism (disorder)
59216005	Adult gender identity disorder, sexually attracted to males (disorder)
59252009	Cutis laxa-corneal clouding-oligophrenia syndrome (disorder)

59394009	Sexual sadism (disorder)
596004	Premenstrual dysphoric disorder (disorder)
59617007	Severe depressed bipolar I disorder with psychotic features (disorder)
59645001	Bulimia nervosa, nonpurging type (disorder)
59651006	Sedative, hypnotic AND/OR anxiolytic-induced persisting dementia (disorder)
59923000	Panic disorder with agoraphobia AND panic attacks in full remission (disorder)
600009	Pyromania (disorder)
60099002	Severe major depression with psychotic features, mood-incongruent (disorder)
60103007	Inhibited female orgasm (disorder)
60123008	Delusional disorder, mixed type (disorder)
609225004	Developmental regression (disorder)
61104008	Inhalant-induced organic mental disorder (disorder)
61144001	Alcohol-induced psychotic disorder with delusions (disorder)
61152003	Moderate mental retardation (Intelligence Quotient 35-49) (disorder)
61157009	Combat fatigue (disorder)
61180001	Adult gender identity disorder, sexually attracted to neither sex (disorder)
61212007	Panic disorder with agoraphobia, severe agoraphobic avoidance AND severe panic attacks (disorder)
61403008	Severe depressed bipolar I disorder without psychotic features (disorder)
61569007	Agoraphobia without history of panic disorder (disorder)
61771000119106	Bipolar II disorder, most recent episode rapid cycling (disorder)
61831009	Induced psychotic disorder (disorder)
61901004	Conduct disorder, undifferentiated type (disorder)
62239001	Parkinson-dementia complex of Guam (disorder)
62351001	Generalized social phobia (disorder)
62491004	Frotteurism (disorder)
62792007	Urophilia (disorder)
63181006	Paranoid schizophrenia in remission (disorder)
63204009	Bouffée délirante (disorder)
63249007	Manic bipolar I disorder in partial remission (disorder)
63393005	Anorexia nervosa, binge-eating purging type (disorder)
63412003	Major depression in complete remission (disorder)
6348008	Cocaine-induced psychotic disorder with hallucinations (disorder)



63649001	Cannabis delusional disorder (disorder)
63701002	Panic disorder with agoraphobia, mild agoraphobic avoidance AND mild panic attacks (disorder)
63778009	Major depressive disorder, single episode with melancholic features (disorder)
63835008	Voyeurism (disorder)
63909006	Panic disorder with agoraphobia AND panic attacks in partial remission (disorder)
63983005	Inhalant-induced psychotic disorder with hallucinations (disorder)
63990000	Psychogenic urticaria (disorder)
64060000	Panic disorder with agoraphobia, moderate agoraphobic avoidance AND panic attacks in full remission (disorder)
64165008	Avoidant disorder of childhood (disorder)
64731001	Severe mixed bipolar I disorder with psychotic features, mood-congruent (disorder)
6475002	Primary degenerative dementia of the Alzheimer type, presenile onset, uncomplicated (disorder)
64905009	Paranoid schizophrenia (disorder)
65042007	Bipolar I disorder, most recent episode mixed with postpartum onset (disorder)
65064003	Panic disorder without agoraphobia with moderate panic attacks (disorder)
65096006	Primary degenerative dementia of the Alzheimer type, presenile onset, with delirium (disorder)
651003	Root work (disorder)
65384007	Psychogenic alopecia (disorder)
65410009	Compulsive sexual masochism (disorder)
65438001	Psychogenic torticollis (disorder)
66108005	Primary degenerative dementia of the Alzheimer type, senile onset, uncomplicated (disorder)
66214007	Substance abuse (disorder)
66307007	Conduct disorder, group type (disorder)
66344007	Recurrent major depression (disorder)
66347000	Impulse control disorder (disorder)
66381006	Adjustment disorder with mixed disturbance of emotions AND conduct (disorder)
66590003	Alcohol dependence (disorder)
66631006	Moderate depressed bipolar I disorder (disorder)
66936004	Identity disorder (disorder)

67002003	Severe bipolar II disorder, most recent episode major depressive, in partial remission (disorder)
67123006	Adult gender identity disorder, sexually attracted to both sexes (disorder)
67195008	Acute stress disorder (disorder)
67227000	Pedophilia, same sex (disorder)
67711008	Primary dysthymia late onset (disorder)
68019004	Recurrent major depression in remission (disorder)
68569003	Manic bipolar I disorder (disorder)
68618008	Rett's disorder (disorder)
68890003	Schizoaffective disorder (disorder)
68963006	Gender identity disorder of adolescence, previously heterosexual (disorder)
68995007	Chronic catatonic schizophrenia (disorder)
69322001	Psychotic disorder (disorder)
69361009	Kleptomania (disorder)
69392006	Major depressive disorder, single episode with catatonic features (disorder)
69479009	Anxiety hyperventilation (disorder)
69482004	Korsakoff's psychosis (disorder)
70043001	Severe mood disorder with psychotic features, mood-incongruent (disorder)
7025000	Subchronic undifferentiated schizophrenia with acute exacerbations (disorder)
70328006	Cocaine delirium (disorder)
70340006	Inhalant abuse (disorder)
7052005	Alcohol hallucinosis (disorder)
70546001	Severe bipolar disorder with psychotic features, mood-congruent (disorder)
70655008	Caffeine-induced anxiety disorder (disorder)
70691001	Agoraphobia (disorder)
7071007	Phencyclidine abuse (disorder)
70747007	Major depression single episode, in partial remission (disorder)
70764005	Depersonalization disorder (disorder)
70814008	Subchronic residual schizophrenia with acute exacerbations (disorder)
70922000	Compulsive pedophilia (disorder)
70932007	Amphetamine-induced sexual dysfunction (disorder)
70936005	Multi-infarct dementia, uncomplicated (disorder)
70967007	Hysterical deafness (disorder)
71103003	Chronic residual schizophrenia (disorder)

71294008	Mild bipolar II disorder, most recent episode major depressive (disorder)
71328000	Opioid-induced sexual dysfunction (disorder)
71336009	Recurrent major depressive disorder with postpartum onset (disorder)
71787009	Psychologic vaginismus (disorder)
71802006	Astasia-abasia (disorder)
71959007	Elective mutism (disorder)
71961003	Childhood disintegrative disorder (disorder)
71984005	Mild manic bipolar I disorder (disorder)
7200002	Alcoholism (disorder)
72366004	Eating disorder (disorder)
72861004	Panic disorder without agoraphobia with mild panic attacks (disorder)
7291006	Reactive attachment disorder of infancy (disorder)
73097000	Alcohol amnestic disorder (disorder)
73462009	Chronic vocal tic disorder (disorder)
73471000	Bipolar I disorder, most recent episode mixed with catatonic features (disorder)
73491007	Psychogenic impotence (disorder)
73867007	Severe major depression with psychotic features (disorder)
7397008	Aggressor identification syndrome (disorder)
73972002	Postpartum neurosis (disorder)
74007000	Sexual arousal disorder (disorder)
74010007	Panic disorder with agoraphobia, severe agoraphobic avoidance AND panic attacks in partial remission (disorder)
74142004	Feeding disorder of infancy OR early childhood (disorder)
74266001	Mood disorder in partial remission (disorder)
7461003	Attention deficit hyperactivity disorder, predominantly hyperactive impulsive type (disorder)
74686005	Mild depressed bipolar I disorder (disorder)
74732009	Mental disorder (disorder)
74791000	Pedophilia, limited to incest (disorder)
74850006	Conduct disorder, solitary aggressive type (disorder)
74934004	Psychoactive substance-induced organic withdrawal (disorder)
75084000	Severe major depression without psychotic features (disorder)
75122001	Inhalant-induced psychotic disorder with delusions (disorder)
75360000	Bipolar I disorder, single manic episode, in remission (disorder)
75752004	Bipolar I disorder, most recent episode depressed with melancholic features (disorder)

75837004	Mood disorder with depressive features due to general medical condition (disorder)
76105009	Cyclothymia (disorder)
76129002	Ganser syndrome (disorder)
76236006	Atypical tic disorder (disorder)
76441001	Severe major depression, single episode, without psychotic features (disorder)
76566000	Subchronic residual schizophrenia (disorder)
76812003	Panic disorder with agoraphobia, moderate agoraphobic avoidance AND panic attacks in partial remission (disorder)
76868007	Panic disorder with agoraphobia, agoraphobic avoidance in full remission AND mild panic attacks (disorder)
77287004	Borderline mental retardation (Intelligence Quotient 70-85) (disorder)
77332003	Partialism (disorder)
77355000	Cannabis-induced organic mental disorder (disorder)
77383003	Marfanoid mental retardation syndrome (disorder)
77475008	Jealous delusion disorder (disorder)
77486005	Mood disorder with major depressive-like episode due to general medical condition (disorder)
77675002	Anorexia nervosa, restricting type (disorder)
77815007	Gender identity disorder of adulthood, previously homosexual (disorder)
77911002	Severe major depression, single episode, with psychotic features, mood-congruent (disorder)
7794004	Chronic motor tic disorder (disorder)
78004001	Bulimia nervosa (disorder)
78269000	Bipolar I disorder, single manic episode, in partial remission (disorder)
78358001	Amphetamine withdrawal (disorder)
78640000	Severe manic bipolar I disorder with psychotic features, mood-congruent (disorder)
78667006	Dysthymia (disorder)
78689005	Chronic brain syndrome (disorder)
79204003	Chronic undifferentiated schizophrenia with acute exacerbations (disorder)
79298009	Mild major depression, single episode (disorder)
79459002	Cheshire cat syndrome (disorder)
79524000	Ecouteurism (disorder)
79578000	Alcohol paranoia (disorder)
79584002	Moderate bipolar disorder (disorder)

79842004	Stuporous depression (disorder)
79866005	Subchronic paranoid schizophrenia (disorder)
80711002	Narcissistic personality disorder (disorder)
80868005	Cocaine withdrawal (disorder)
81319007	Severe bipolar II disorder, most recent episode major depressive without psychotic features (disorder)
81463002	Bestiality (disorder)
8185002	Panic disorder with agoraphobia AND moderate panic attacks (disorder)
81903006	Inhibited male orgasm (disorder)
82096005	Aggressive type unsocialized behavior disorder (disorder)
82218004	Postoperative depression (disorder)
82339009	Amphetamine-induced anxiety disorder (disorder)
82415003	Agoraphobia without history of panic disorder without limited symptom attacks (disorder)
82494000	Panic disorder without agoraphobia with panic attacks in full remission (disorder)
82636008	Orgasm disorder (disorder)
82738004	Panic disorder with agoraphobia, moderate agoraphobic avoidance AND moderate panic attacks (disorder)
82959004	Dementia paralytica juvenilis (disorder)
82998009	Moderate manic bipolar I disorder (disorder)
83168008	Psychoactive substance-induced organic amnestic disorder (disorder)
83176005	Primary dysthymia (disorder)
832007	Moderate major depression (disorder)
83225003	Bipolar II disorder (disorder)
83233002	Ghost sickness (disorder)
83253003	Shyness disorder of childhood (disorder)
83367009	Amphetamine-induced organic mental disorder (disorder)
83458005	Agitated depression (disorder)
83482000	Body dysmorphic disorder (disorder)
83501007	Organic mood disorder of mixed type (disorder)
83631006	Panic disorder with agoraphobia, moderate agoraphobic avoidance AND severe panic attacks (disorder)
83746006	Chronic schizophrenia (disorder)
83890006	Cluster C personality disorder (disorder)
84002002	Pedophilia (disorder)
84209002	Psychogenic amnesia (disorder)
84466009	Dependent personality disorder (disorder)
84758004	Amphetamine abuse (disorder)

84760002	Schizoaffective disorder, depressive type (disorder)
84788008	Menopausal depression (disorder)
84984002	Adjustment disorder with disturbance of conduct (disorder)
85061001	Separation anxiety disorder of childhood, early onset (disorder)
85080004	Secondary dysthymia (disorder)
8511007	Transient tic disorder, single episode (disorder)
8522006	Klismaphilia (disorder)
85248005	Bipolar disorder in remission (disorder)
85561006	Uncomplicated alcohol withdrawal (disorder)
85762002	Voice disorder due to transsexualism (disorder)
85821003	Acute non-psychotic brain syndrome (disorder)
85861002	Subchronic undifferentiated schizophrenia (disorder)
86058007	Severe bipolar I disorder, single manic episode with psychotic features, mood-incongruent (disorder)
8635005	Alcohol withdrawal delirium (disorder)
86765009	Mild mental retardation (Intelligence Quotient 50-70) (disorder)
87132004	Opioid withdrawal (disorder)
87203005	Bipolar I disorder, most recent episode depressed with postpartum onset (disorder)
87414006	Reactive depression (situational) (disorder)
87512008	Mild major depression (disorder)
87798009	Panic disorder with agoraphobia, agoraphobic avoidance in full remission AND moderate panic attacks (disorder)
87842000	Generalized neuromuscular exhaustion syndrome (disorder)
87950005	Bipolar I disorder, single manic episode with catatonic features (disorder)
87991007	Gender identity disorder (disorder)
88339003	Dementia arising in the senium AND/OR presenium (disorder)
8837000	Amphetamine delirium (disorder)
88740003	Thyrotoxicosis factitia with thyrotoxic crisis (disorder)
88845000	Explosive type organic personality disorder (disorder)
88902008	Hysterical blindness (disorder)
88939009	Severe mood disorder without psychotic features (disorder)
88975006	Schizophreniform disorder (disorder)
88984006	Hysterical paralysis (disorder)
89016005	Axis III diagnosis (disorder)
89248000	Erotic zoophilia (disorder)
89415002	Hypersomnia disorder related to another mental disorder (disorder)
89451009	Inhalant-induced mood disorder (disorder)

89618007	Persecutory delusion disorder (disorder)
899001	Axis I diagnosis (disorder)
89948007	Panic disorder with agoraphobia AND mild panic attacks (disorder)
89989005	Deferred diagnosis on Axis V (disorder)
90099008	Subcortical leukoencephalopathy (disorder)
90755006	Nicotine withdrawal (disorder)
90790003	Avoidant disorder of adolescence (disorder)
9083002	Pedophilia, opposite sex (disorder)
91138005	Mental retardation (disorder)
91388009	Psychoactive substance abuse (disorder)
9167000	Moderate mood disorder (disorder)
9340000	Bipolar I disorder, single manic episode (disorder)
9345005	Dialysis dementia (disorder)
93461009	Gender dysphoria (disorder)
95439001	Psychogenic aphonia (disorder)
95635002	Caffeine withdrawal (disorder)
95636001	Sadomasochism (disorder)
95637005	Munchausen syndrome by proxy (disorder)
95919007	Dependence on corticoids (disorder)
9674006	Adjustment disorder with withdrawal (disorder)
9760005	Deferred diagnosis on Axis I (disorder)

Value Set Name	Mental Health Diagnoses
OID	2.16.840.1.113883.3.464.1003.105.11.1010
Type	Extensional
Definition ID (release/update date)	20150430
Steward	National Committee for Quality Assurance
Program	CMS, MU2 Update 2015-05-01 using this value set

#### Value Set Members

10007009	Coffin-Siris syndrome (disorder)
10278007	Factitious purpura (disorder)
10327003	Cocaine-induced mood disorder (disorder)

10349009	Multi-infarct dementia with delirium (disorder)
10532003	Primary degenerative dementia of the Alzheimer type, presenile onset, with depression (disorder)
10586006	Occupation-related stress disorder (disorder)
106013002	Mental disorder of infancy, childhood or adolescence (disorder)
106014008	Organic mental disorder of unknown etiology (disorder)
106015009	Mental disorder AND/OR culture bound syndrome (disorder)
109006	Anxiety disorder of childhood OR adolescence (disorder)
109478007	Kohlschutter's syndrome (disorder)
109805003	Factitious cheilitis (disorder)
109896009	Indication for modification of patient status (disorder)
109897000	Indication for modification of patient behavior status (disorder)
109898005	Indication for modification of patient cognitive status (disorder)
109899002	Indication for modification of patient emotional status (disorder)
109900007	Indication for modification of patient physical status (disorder)
109901006	Indication for modification of patient psychological status (disorder)
11061003	Psychoactive substance use disorder (disorder)
111475002	Neurosis (disorder)
111476001	Mental disorder usually first evident in infancy, childhood AND/OR adolescence (disorder)
111477005	Reactive attachment disorder of infancy OR early childhood, disinhibited type (disorder)
111479008	Organic mental disorder (disorder)
111480006	Psychoactive substance-induced organic dementia (disorder)
111482003	Subchronic schizophrenia with acute exacerbations (disorder)
111483008	Catatonic schizophrenia in remission (disorder)
111484002	Undifferentiated schizophrenia (disorder)
111485001	Mixed bipolar I disorder in full remission (disorder)
111487009	Dream anxiety disorder (disorder)
111490003	Panic disorder with agoraphobia, agoraphobic avoidance in partial remission AND severe panic attacks (disorder)
111491004	Panic disorder with agoraphobia, agoraphobic avoidance in full remission AND panic attacks in partial remission (disorder)
1145003	Developmental speech disorder (disorder)
11806006	Separation anxiety disorder of childhood (disorder)
11941006	Panic disorder with agoraphobia, agoraphobic avoidance in full remission AND panic attacks in full remission (disorder)



1196001	Chronic bipolar II disorder, most recent episode major depressive (disorder)
12348006	Presenile dementia (disorder)
126943008	Separation anxiety (disorder)
128293007	Chronic mental disorder (disorder)
129104009	Developmental mental disorder (disorder)
12939007	Chronic disorganized schizophrenia (disorder)
129602009	Symbiotic infantile psychosis (disorder)
129604005	Delusion of heart disease syndrome (disorder)
129606007	Frontal lobe syndrome (disorder)
130121000119104	Dementia due to Rett's syndrome (disorder)
133091000119105	Rapid cycling bipolar I disorder (disorder)
133121000119109	Severe seasonal affective disorder (disorder)
13313007	Mild bipolar disorder (disorder)
13438001	Overanxious disorder of childhood (disorder)
13601005	Paranoid personality disorder (disorder)
13670005	Gender identity disorder of adulthood, previously heterosexual (disorder)
13746004	Bipolar disorder (disorder)
1376001	Obsessive compulsive personality disorder (disorder)
1380006	Agoraphobia without history of panic disorder with limited symptom attacks (disorder)
1383008	Hallucinogen mood disorder (disorder)
14070001	Multi-infarct dementia with depression (disorder)
14077003	Pica (disorder)
14144000	Erotomanic delusion disorder (disorder)
14183003	Chronic major depressive disorder, single episode (disorder)
14291003	Subchronic disorganized schizophrenia with acute exacerbations (disorder)
14784000	Opioid-induced organic mental disorder (disorder)
1499003	Bipolar I disorder, single manic episode with postpartum onset (disorder)
15193003	Severe recurrent major depression with psychotic features, mood-incongruent (disorder)
15277004	Hallucinogen-induced anxiety disorder (disorder)
15662003	Senile dementia (disorder)
1581000119101	Dementia of the Alzheimer type with behavioral disturbance (disorder)
1591000119103	Dementia with behavioral disturbance (disorder)
15945005	Psychogenic polydipsia (disorder)
15977008	Adjustment disorder with academic inhibition (disorder)

162004	Severe manic bipolar I disorder without psychotic features (disorder)
162313000	Morbid jealousy (disorder)
162702000	On examination - mentally confused (disorder)
162722001	On examination - depressed (disorder)
16295005	Bipolar II disorder, most recent episode major depressive (disorder)
16506000	Mixed bipolar I disorder (disorder)
16805009	Cluster A personality disorder (disorder)
1686006	Sedative, hypnotic AND/OR anxiolytic-induced anxiety disorder (disorder)
16966009	Factitious hypoglycemia (disorder)
16990005	Subchronic schizophrenia (disorder)
17155009	Trichotillomania (disorder)
17226007	Adjustment disorder (disorder)
17262008	Non-alcoholic Korsakoff's psychosis (disorder)
17496003	Organic anxiety disorder (disorder)
17782008	Bipolar I disorder, most recent episode manic with catatonic features (disorder)
18003009	Gender identity disorder of adulthood (disorder)
18085000	Compulsive gambling (disorder)
1816003	Panic disorder with agoraphobia, severe agoraphobic avoidance AND mild panic attacks (disorder)
18260003	Postpartum psychosis (disorder)
18478005	Adjustment disorder with physical complaints (disorder)
18491000119109	Psychological disorder during pregnancy (disorder)
1855002	Developmental academic disorder (disorder)
18573003	Obsessional erotomania (disorder)
18653004	Alcohol intoxication delirium (disorder)
18689007	Inhalant intoxication delirium (disorder)
187921002	Developmental receptive language disorder (disorder)
18818009	Moderate recurrent major depression (disorder)
191447007	Organic psychotic condition (disorder)
191449005	Uncomplicated senile dementia (disorder)
191451009	Uncomplicated presenile dementia (disorder)
191452002	Presenile dementia with delirium (disorder)
191454001	Presenile dementia with paranoia (disorder)
191455000	Presenile dementia with depression (disorder)
191457008	Senile dementia with depressive or paranoid features (disorder)
191458003	Senile dementia with paranoia (disorder)

191459006	Senile dementia with depression (disorder)
191461002	Senile dementia with delirium (disorder)
191463004	Uncomplicated arteriosclerotic dementia (disorder)
191464005	Arteriosclerotic dementia with delirium (disorder)
191465006	Arteriosclerotic dementia with paranoia (disorder)
191466007	Arteriosclerotic dementia with depression (disorder)
191471000	Korsakov's alcoholic psychosis with peripheral neuritis (disorder)
191475009	Chronic alcoholic brain syndrome (disorder)
191476005	Alcohol withdrawal hallucinosis (disorder)
191477001	Pathological alcohol intoxication (disorder)
191478006	Alcoholic paranoia (disorder)
191480000	Alcohol withdrawal syndrome (disorder)
191483003	Drug-induced psychosis (disorder)
191484009	Drug-induced paranoia or hallucinatory states (disorder)
191485005	Drug-induced paranoid state (disorder)
191486006	Drug-induced hallucinosis (disorder)
191492000	Drug-induced delirium (disorder)
191493005	Drug-induced dementia (disorder)
191494004	Drug-induced amnesic syndrome (disorder)
191495003	Drug-induced depressive state (disorder)
191496002	Drug-induced personality disorder (disorder)
191499009	Transient organic psychoses (disorder)
191501001	Acute confusional state, post-traumatic (disorder)
191502008	Acute confusional state, of infective origin (disorder)
191503003	Acute confusional state, of endocrine origin (disorder)
191504009	Acute confusional state, of metabolic origin (disorder)
191505005	Acute confusional state, of cerebrovascular origin (disorder)
191507002	Subacute delirium (disorder)
191508007	Subacute confusional state, post-traumatic (disorder)
191509004	Subacute confusional state, of infective origin (disorder)
191510009	Subacute confusional state, of endocrine origin (disorder)
191511008	Subacute confusional state, of metabolic origin (disorder)
191512001	Subacute confusional state, of cerebrovascular origin (disorder)
191519005	Dementia associated with another disease (disorder)
191525009	Non-organic psychosis (disorder)
191526005	Schizophrenic disorders (disorder)
191527001	Simple schizophrenia (disorder)
191530008	Acute exacerbation of subchronic schizophrenia (disorder)
191531007	Acute exacerbation of chronic schizophrenia (disorder)

191536002	Subchronic hebephrenic schizophrenia (disorder)
191537006	Chronic hebephrenic schizophrenia (disorder)
191538001	Acute exacerbation of subchronic hebephrenic schizophrenia (disorder)
191539009	Acute exacerbation of chronic hebephrenic schizophrenia (disorder)
191540006	Hebephrenic schizophrenia in remission (disorder)
191542003	Catatonic schizophrenia (disorder)
191547009	Acute exacerbation of subchronic catatonic schizophrenia (disorder)
191548004	Acute exacerbation of chronic catatonic schizophrenia (disorder)
191554003	Acute exacerbation of subchronic paranoid schizophrenia (disorder)
191555002	Acute exacerbation of chronic paranoid schizophrenia (disorder)
191559008	Latent schizophrenia (disorder)
191564007	Acute exacerbation of chronic latent schizophrenia (disorder)
191567000	Schizoaffective schizophrenia (disorder)
191569002	Subchronic schizoaffective schizophrenia (disorder)
191570001	Chronic schizoaffective schizophrenia (disorder)
191571002	Acute exacerbation of subchronic schizoaffective schizophrenia (disorder)
191572009	Acute exacerbation of chronic schizoaffective schizophrenia (disorder)
191574005	Schizoaffective schizophrenia in remission (disorder)
191577003	Cenesthopathic schizophrenia (disorder)
191590005	Recurrent manic episodes (disorder)
191592002	Recurrent manic episodes, mild (disorder)
191593007	Recurrent manic episodes, moderate (disorder)
191595000	Recurrent manic episodes, severe, with psychosis (disorder)
191597008	Recurrent manic episodes, in full remission (disorder)
191610000	Recurrent major depressive episodes, mild (disorder)
191611001	Recurrent major depressive episodes, moderate (disorder)
191613003	Recurrent major depressive episodes, severe, with psychosis (disorder)
191615005	Recurrent major depressive episodes, in full remission (disorder)
191616006	Recurrent depression (disorder)
191618007	Bipolar affective disorder, current episode manic (disorder)
191620005	Bipolar affective disorder, currently manic, mild (disorder)

191621009	Bipolar affective disorder, currently manic, moderate (disorder)
191623007	Bipolar affective disorder, currently manic, severe, with psychosis (disorder)
191625000	Bipolar affective disorder, currently manic, in full remission (disorder)
191627008	Bipolar affective disorder, current episode depression (disorder)
191629006	Bipolar affective disorder, currently depressed, mild (disorder)
191630001	Bipolar affective disorder, currently depressed, moderate (disorder)
191632009	Bipolar affective disorder, currently depressed, severe, with psychosis (disorder)
191634005	Bipolar affective disorder, currently depressed, in full remission (disorder)
191636007	Mixed bipolar affective disorder (disorder)
191659001	Atypical depressive disorder (disorder)
191667009	Paranoid disorder (disorder)
191668004	Simple paranoid state (disorder)
191670008	Shared paranoid disorder (disorder)
191672000	Paranoia querulans (disorder)
191676002	Reactive depressive psychosis (disorder)
191678001	Reactive confusion (disorder)
191680007	Psychogenic paranoid psychosis (disorder)
191687005	Psychosis with origin in childhood (disorder)
191689008	Active infantile autism (disorder)
191690004	Residual infantile autism (disorder)
191692007	Active disintegrative psychoses (disorder)
191693002	Residual disintegrative psychoses (disorder)
191696005	Atypical childhood psychoses (disorder)
191697001	Borderline psychosis of childhood (disorder)
191714002	Dissociative convulsions (disorder)
191722009	Agoraphobia with panic attacks (disorder)
191724005	Social phobia, fear of eating in public (disorder)
191725006	Social phobia, fear of public speaking (disorder)
191726007	Social phobia, fear of public washing (disorder)
191736004	Obsessive-compulsive disorder (disorder)
191737008	Compulsive neurosis (disorder)
191738003	Obsessional neurosis (disorder)
191753006	Hypomanic personality disorder (disorder)
191765005	Emotionally unstable personality disorder (disorder)
191766006	Psychoinfantile personality (disorder)

191772006	Eccentric personality disorder (disorder)
191773001	Immature personality disorder (disorder)
191774007	Masochistic personality disorder (disorder)
191787001	Psychosexual identity disorder (disorder)
191811004	Continuous chronic alcoholism (disorder)
191812006	Episodic chronic alcoholism (disorder)
191813001	Chronic alcoholism in remission (disorder)
191928000	Abuse of antidepressant drug (disorder)
191966002	Psychogenic pruritus (disorder)
191983006	Bruxism (teeth grinding) (disorder)
191990001	Transient childhood tic (disorder)
192014006	Psychogenic rumination (disorder)
192016008	Non-organic infant feeding disturbance (disorder)
192017004	Non-organic loss of appetite (disorder)
192037000	Acute panic state due to acute stress reaction (disorder)
192038005	Acute fugue state due to acute stress reaction (disorder)
192039002	Acute stupor state due to acute stress reaction (disorder)
192041001	Acute situational disturbance (disorder)
192042008	Acute post-trauma stress state (disorder)
192044009	Stress reaction causing mixed disturbance of emotion and conduct (disorder)
192046006	Brief depressive adjustment reaction (disorder)
192049004	Prolonged depressive adjustment reaction (disorder)
192051000	Adolescent emancipation disorder (disorder)
192052007	Early adult emancipation disorder (disorder)
192054008	Culture shock (disorder)
192056005	Adjustment reaction with aggression (disorder)
192057001	Adjustment reaction with antisocial behavior (disorder)
192058006	Adjustment reaction with destructiveness (disorder)
192061007	Concentration camp syndrome (disorder)
192063005	Adjustment reaction with physical symptoms (disorder)
192064004	Elective mutism due to an adjustment reaction (disorder)
192065003	Hospitalism (disorder)
192069009	Specific nonpsychotic mental disorders following organic brain damage (disorder)
192072002	Organic memory impairment (disorder)
192073007	Change in personality (disorder)
192079006	Postviral depression (disorder)
192080009	Chronic depression (disorder)
192097003	Isolated explosive disorder (disorder)

192099000	Childhood disorder of conduct and emotion (disorder)
192108001	Disturbance of anxiety and fearfulness in childhood and adolescence (disorder)
192110004	Childhood and adolescent fearfulness disturbance (disorder)
192122001	Childhood or adolescent identity disorder (disorder)
192123006	Academic underachievement disorder (disorder)
192127007	Child attention deficit disorder (disorder)
192131001	Hyperkinesis with developmental delay (disorder)
192132008	Hyperkinetic conduct disorder (disorder)
192136006	Specific reading disorder (disorder)
192147004	Mixed disorder of psychological development (disorder)
192527004	Elaboration of physical symptoms for psychological reasons (disorder)
192562009	Disorder of psychological development (disorder)
192575009	Mixed disorder of scholastic skills (disorder)
192611004	Childhood phobic anxiety disorder (disorder)
192616009	Childhood or adolescent disorder of social functioning (disorder)
192631000	Pica of infancy and childhood (disorder)
193756007	Charles Bonnet syndrome (disorder)
19445006	Opioid-induced psychotic disorder with hallucinations (disorder)
19480005	Axis V diagnosis (disorder)
1973000	Sedative, hypnotic AND/OR anxiolytic-induced psychotic disorder with delusions (disorder)
197480006	Anxiety disorder (disorder)
19766004	Panic disorder with agoraphobia, mild agoraphobic avoidance AND severe panic attacks (disorder)
199257008	Mental disorders during pregnancy, childbirth and the puerperium (disorder)
199259006	Mental disorder during pregnancy - baby delivered (disorder)
199260001	Mental disorder in the puerperium - baby delivered (disorder)
199261002	Mental disorder during pregnancy - baby not yet delivered (disorder)
199262009	Mental disorder in the puerperium - baby delivered during previous episode of care (disorder)
20010003	Borderline personality disorder (disorder)
20385005	Opioid-induced psychotic disorder with delusions (disorder)
20876004	Inhalant-induced anxiety disorder (disorder)
21000000	Idiosyncratic intoxication (disorder)
21071000119101	Mood disorder of manic type (disorder)

21586000	Munchausen's syndrome (disorder)
21634003	Borjeson-Forssman-Lehmann syndrome (disorder)
21897009	Generalized anxiety disorder (disorder)
21900002	Bipolar I disorder, most recent episode depressed with catatonic features (disorder)
22121000	Depressed bipolar I disorder in full remission (disorder)
22230001	Panic disorder with agoraphobia, agoraphobic avoidance in partial remission AND panic attacks in full remission (disorder)
22381000119105	Primary degenerative dementia (disorder)
22407005	Bipolar II disorder, most recent episode major depressive with catatonic features (disorder)
22419002	Mood disorder with mixed features due to general medical condition (disorder)
22641000119109	Psychosis in early childhood (disorder)
229025005	Lindinism (disorder)
229621000	Disorder of fluency (disorder)
229622007	Dysfluency (disorder)
229623002	Developmental dysfluency (disorder)
229625009	Normal non-fluency (disorder)
229631007	Acquired stammering (disorder)
229632000	Neurogenic stammering (disorder)
229683000	Motor speech disorder (disorder)
229698003	Articulatory dyspraxia (disorder)
229699006	Immature articulatory praxis (disorder)
229700007	Developmental motor speech disorder (disorder)
229701006	Developmental articulatory dyspraxia (disorder)
229715008	Deficits in attention motor control and perception (disorder)
229721007	Speech delay (disorder)
229729009	Developmental language impairment (disorder)
229733002	Expressive language disorder (disorder)
229734008	Expressive language delay (disorder)
229736005	Receptive language delay (disorder)
229738006	Word finding difficulty (disorder)
229740001	Delayed pre-verbal development (disorder)
229741002	Restricted language development (disorder)
229742009	Restricted expressive language development (disorder)
229743004	Restricted receptive language development (disorder)
229744005	Developmental syntactic impairment (disorder)
229745006	Developmental semantic impairment (disorder)
229748008	Congenital auditory imperception (disorder)



22981000119106	Recurrent severe manic episodes (disorder)
230265002	Familial Alzheimer's disease of early onset (disorder)
230266001	Non-familial Alzheimer's disease of early onset (disorder)
230267005	Familial Alzheimer's disease of late onset (disorder)
230268000	Non-familial Alzheimer's disease of late onset (disorder)
230269008	Focal Alzheimer's disease (disorder)
230280008	Progressive aphasia in Alzheimer's disease (disorder)
230285003	Vascular dementia of acute onset (disorder)
230286002	Subcortical vascular dementia (disorder)
230287006	Mixed cortical and subcortical vascular dementia (disorder)
230288001	Semantic dementia (disorder)
230289009	Patchy dementia (disorder)
230334008	Drug-induced tic (disorder)
230335009	Facial tic disorder (disorder)
230338006	Gestural tic disorder (disorder)
230438007	Acquired epileptic aphasia (disorder)
230455006	Self-induced non-photosensitive epilepsy (disorder)
2312009	Reactive attachment disorder of infancy OR early childhood, inhibited type (disorder)
231437006	Reactive psychoses (disorder)
231438001	Presbyophrenic psychosis (disorder)
231439009	Toxic confusional state (disorder)
231440006	Delirium of mixed origin (disorder)
231442003	Organic catatonic disorder (disorder)
231443008	Right hemispheric organic affective disorder (disorder)
231444002	Organic bipolar disorder (disorder)
231445001	Organic dissociative disorder (disorder)
231446000	Organic emotionally labile disorder (disorder)
231448004	Age-associated memory impairment (disorder)
231449007	Epileptic psychosis (disorder)
231450007	Psychosis associated with intensive care (disorder)
231451006	Drug-induced intensive care psychosis (disorder)
231452004	Limbic epilepsy personality syndrome (disorder)
231453009	Lobotomy syndrome (disorder)
231454003	Organic pseudopsychopathic personality (disorder)
231455002	Organic pseudoretarded personality (disorder)
231456001	Postleucotomy syndrome (disorder)
231457005	Organic psychosyndrome (disorder)
231458000	Abuse of steroids (disorder)
231459008	Abuse of nonpsychotropic analgesic drugs (disorder)

231467000	Absinthe addiction (disorder)
23148009	Undifferentiated attention deficit disorder (disorder)
231485007	Post-schizophrenic depression (disorder)
231487004	Persistent delusional disorder (disorder)
231489001	Acute transient psychotic disorder (disorder)
231494001	Mania (disorder)
231496004	Hypomania (disorder)
231500002	Masked depression (disorder)
231504006	Mixed anxiety and depressive disorder (disorder)
231516000	Cutaneous hypochondriasis (disorder)
231520001	Behavioral syndrome associated with physiological disturbance and physical factors (disorder)
231521002	Weight fixation (disorder)
231522009	Atypical anorexia nervosa (disorder)
231523004	Atypical bulimia nervosa (disorder)
231524005	Interictal behavior disorder (disorder)
231525006	Manipulative personality disorder (disorder)
231526007	Fanatic personality (disorder)
231527003	Explosive personality disorder (disorder)
231528008	Anxious personality disorder (disorder)
231530005	Post-concussional personality disorder (disorder)
231532002	Sexual disorder (disorder)
231535000	Language development disorder (disorder)
231536004	Atypical autism (disorder)
231537008	Developmental agnosia (disorder)
231538003	Behavioral and emotional disorder with onset in childhood (disorder)
231539006	Adolescent - emotional problem (disorder)
231542000	Depressive conduct disorder (disorder)
232059000	Laurence-Moon syndrome (disorder)
233690008	Factitious asthma (disorder)
23560001	Asperger's disorder (disorder)
23601000119102	Sedative withdrawal (disorder)
23645006	Organic mood disorder (disorder)
237351003	Mild postnatal psychosis (disorder)
237352005	Severe postnatal psychosis (disorder)
23741000119105	Severe manic bipolar I disorder (disorder)
23772009	Dysphonia of Gilles de la Tourette's syndrome (disorder)
238110009	Nutritional mental retardation (disorder)
238959007	Disorders of cutaneous image and perception (disorder)

238960002	Dermatological non-disease (disorder)
238961003	Trichophobia (disorder)
238965007	Venereophobia (disorder)
238966008	Syphilophobia (disorder)
238967004	Psychogenic sensory disturbance of skin (disorder)
238972008	Cutaneous monosymptomatic delusional psychosis (disorder)
238973003	Delusions of parasitosis (disorder)
238974009	Delusions of infestation (disorder)
238975005	Delusion of foul odor (disorder)
238976006	Bromisodrophobia (disorder)
238977002	Delusional hyperhidrosis (disorder)
238978007	Hyperschemazia (disorder)
238979004	Hyposchemazia (disorder)
2403008	Psychoactive substance dependence (disorder)
24121004	Insomnia disorder related to another mental disorder (disorder)
24125008	Mental disorder in infancy (disorder)
24315006	Factitious disorder with combined physical AND psychological symptoms (disorder)
247803002	Seasonal affective disorder (disorder)
247804008	Schizophrenic prodrome (disorder)
24781009	Panic disorder with agoraphobia, mild agoraphobic avoidance AND panic attacks in full remission (disorder)
25029006	Deferred diagnosis on Axis III (disorder)
251000119105	Severe major depression, single episode (disorder)
25501002	Social phobia (disorder)
25766007	Mixed receptive-expressive language disorder (disorder)
25772007	Multi-infarct dementia with delusions (disorder)
26025008	Residual schizophrenia (disorder)
261000119107	Severe depressed bipolar I disorder (disorder)
2618002	Chronic recurrent major depressive disorder (disorder)
26203008	Severe depressed bipolar I disorder with psychotic features, mood-incongruent (disorder)
26453000	Mental disorder in adolescence (disorder)
26472000	Paraphrenia (disorder)
26516009	Severe mood disorder with psychotic features (disorder)
26665006	Antisocial personality disorder (disorder)
26714005	Cannabis-induced psychotic disorder with hallucinations (disorder)
267320004	Pregnancy with mental disorders (disorder)

26852004	Primary degenerative dementia of the Alzheimer type, senile onset, with depression (disorder)
268612007	Senile and presenile organic psychotic conditions (disorder)
268617001	Acute schizophrenic episode (disorder)
268621008	Recurrent major depressive episodes (disorder)
268622001	Chronic paranoid psychosis (disorder)
268624000	Acute paranoid reaction (disorder)
268633003	Introverted personality disorder (disorder)
268634009	Psychoneurotic personality disorder (disorder)
268658008	Specific academic or work inhibition (disorder)
268664001	Childhood emotional disorder (disorder)
268666004	Childhood and adolescent disturbance with sensitivity (disorder)
268667008	Childhood and adolescent disturbance with shyness (disorder)
268668003	Childhood and adolescent disturbance with introversion (disorder)
268669006	Childhood and adolescent disturbance with elective mutism (disorder)
268672004	Disorder of speech and language development (disorder)
268673009	Developmental aphasia (disorder)
268724009	Excessive sexual drive (disorder)
268727002	Abuse of non-dependence-producing substances (disorder)
268734000	Developmental expressive language disorder (disorder)
268738002	Specific spelling disorder (disorder)
26929004	Alzheimer's disease (disorder)
270291000119109	Identity disorder of childhood (disorder)
270901009	Schizoaffective disorder, mixed type (disorder)
270902002	Overeating associated with other psychological disturbances (disorder)
270903007	Lack or loss of sexual desire (disorder)
270905000	Childhood disinhibited attachment disorder (disorder)
271000119101	Severe mixed bipolar I disorder (disorder)
271428004	Schizoaffective disorder, manic type (disorder)
271952001	Stress and adjustment reaction (disorder)
27387000	Subchronic disorganized schizophrenia (disorder)
274948002	Endogenous depression - recurrent (disorder)
274950005	Sleep-related bruxism (disorder)
274952002	Borderline schizophrenia (disorder)
274953007	Acute polymorphic psychotic disorder (disorder)
27544004	Developmental coordination disorder (disorder)

275473003	Specific work inhibition (disorder)
275474009	Psychogenic overeating (disorder)
27720003	Dermatitis factitia (disorder)
2776000	Delirium (disorder)
278506006	Involitional paranoid state (disorder)
278508007	Delusional dysmorphophobia (disorder)
278852008	Paranoid-hallucinatory epileptic psychosis (disorder)
278853003	Acute schizophrenia-like psychotic disorder (disorder)
278857002	Dementia of frontal lobe type (disorder)
27956007	Cocaine intoxication (disorder)
279611005	Shell shock (disorder)
280032002	Developmental language disorder (disorder)
280375000	Psychological disorder associated with sexual development (disorder)
280377008	Sexual maturation disorder of sexual identity (disorder)
280378003	Sexual maturation disorder of sexual orientation (disorder)
280949006	Erotomania (disorder)
280982009	Abuse of laxatives (disorder)
280983004	Abuse of vitamins (disorder)
280984005	Abuse of herbal medicine (disorder)
280986007	Abuse of antacids (disorder)
280994000	Chronic confusional state (disorder)
281000119103	Severe recurrent major depression (disorder)
281004	Dementia associated with alcoholism (disorder)
2815001	Sexual pyromania (disorder)
28357009	Transitory postpartum mood disturbance (disorder)
28368009	Psychoactive substance-induced organic hallucinosis (disorder)
28475009	Severe recurrent major depression with psychotic features (disorder)
28663008	Severe manic bipolar I disorder with psychotic features (disorder)
28676002	Mood disorder with manic features due to general medical condition (disorder)
286933003	Confusional state (disorder)
288271000119103	Childhood onset fluency disorder (disorder)
28857002	Reactive attachment disorder of infancy OR early childhood (disorder)
28864000	Sedative, hypnotic AND/OR anxiolytic-induced mood disorder (disorder)
288751000119101	Reactive depressive psychosis, single episode (disorder)
28884001	Moderate bipolar I disorder, single manic episode (disorder)

29212009	Alcohol-induced organic mental disorder (disorder)
29599000	Chronic undifferentiated schizophrenia (disorder)
29657007	Deferred diagnosis on Axis IV (disorder)
29733004	Opioid-induced mood disorder (disorder)
29929003	Bipolar I disorder, most recent episode depressed with atypical features (disorder)
30059008	Panic disorder with agoraphobia, severe agoraphobic avoidance AND moderate panic attacks (disorder)
300706003	Endogenous depression (disorder)
301643003	Sedative, hypnotic AND/OR anxiolytic-induced persisting amnesic disorder (disorder)
302507002	Sedative amnesic disorder (disorder)
30310000	Nicotine-induced organic mental disorder (disorder)
30336007	Chronic residual schizophrenia with acute exacerbations (disorder)
30491001	Cocaine delusional disorder (disorder)
30509009	Gender identity disorder of adolescence, previously homosexual (disorder)
30687003	Bipolar II disorder, most recent episode major depressive with postpartum onset (disorder)
307417003	Cycloid psychosis (disorder)
30871003	Flashbacks (disorder)
309279000	Caffeine-induced organic mental disorder (disorder)
30935000	Manic bipolar I disorder in full remission (disorder)
310202009	Arylcyclohexylamine-induced organic mental disorder (disorder)
31027006	Schizotypal personality disorder (disorder)
310495003	Mild depression (disorder)
310496002	Moderate depression (disorder)
310497006	Severe depression (disorder)
310814007	Discourse difficulties (disorder)
311173003	Phencyclidine-related disorder (disorder)
31177006	Attention deficit hyperactivity disorder, combined type (disorder)
312098001	Sedative, hypnotic AND/OR anxiolytic-related disorder (disorder)
312936002	Anxiolytic-induced organic mental disorder (disorder)
312991009	Senile dementia of the Lewy body type (disorder)
313182004	Chronic post-traumatic stress disorder (disorder)
313224008	Dysmorphophobia (disorder)
313426007	Kabuki make-up syndrome (disorder)

31358003	Coprophilia (disorder)
31373002	Disorganized schizophrenia in remission (disorder)
313915006	Hypnotic-induced organic mental disorder (disorder)
31446002	Bipolar I disorder, most recent episode hypomanic (disorder)
3158007	Panic disorder with agoraphobia, agoraphobic avoidance in partial remission AND panic attacks in partial remission (disorder)
31611000	Multiple personality disorder (disorder)
31658008	Chronic paranoid schizophrenia (disorder)
31715000	Phencyclidine delirium (disorder)
31781004	Panic disorder with agoraphobia, agoraphobic avoidance in partial remission AND mild panic attacks (disorder)
317816007	Stockholm syndrome (disorder)
318784009	Posttraumatic stress disorder, delayed onset (disorder)
319768000	Recurrent major depressive disorder with melancholic features (disorder)
32009006	Hallucinogen hallucinosis (disorder)
32174002	Voice disorder due to psychosexual conflict (disorder)
32358001	Amphetamine delusional disorder (disorder)
32388005	Panic disorder with agoraphobia, agoraphobic avoidance in partial remission AND moderate panic attacks (disorder)
32552001	Psychoactive substance-induced organic delusional disorder (disorder)
32721004	Bulimia nervosa, purging type (disorder)
32875003	Inhalant-induced persisting dementia (disorder)
32880007	Adjustment disorder with work inhibition (disorder)
3298001	Amnesic disorder (disorder)
33078009	Severe recurrent major depression with psychotic features, mood-congruent (disorder)
33135002	Recurrent major depression in partial remission (disorder)
33323008	Somatic delusion disorder (disorder)
33380008	Severe manic bipolar I disorder with psychotic features, mood-incongruent (disorder)
33449004	Personality disorder (disorder)
33693007	Compensation neurosis (disorder)
33871004	Phencyclidine-induced psychotic disorder with hallucinations (disorder)
33982008	Hyperphosphatasemia with mental retardation (disorder)
34116005	Panic disorder with agoraphobia, agoraphobic avoidance in full remission AND severe panic attacks (disorder)

34315001	Bipolar II disorder, most recent episode major depressive with melancholic features (disorder)
34485008	Axis IV diagnosis (disorder)
34938008	Alcohol-induced anxiety disorder (disorder)
3503000	Gender identity disorder of adolescence, previously asexual (disorder)
35218008	Chronic disorganized schizophrenia with acute exacerbations (disorder)
35252006	Disorganized schizophrenia (disorder)
35253001	Attention deficit hyperactivity disorder, predominantly inattentive type (disorder)
35481005	Mixed bipolar I disorder in remission (disorder)
35489007	Depressive disorder (disorder)
35607004	Panic disorder with agoraphobia (disorder)
357705009	Cotard's syndrome (disorder)
35827000	Recurrent conversion disorder (disorder)
35919005	Pervasive developmental disorder (disorder)
359661001	Specific number difficulty (disorder)
36039004	Rumination disorder of infancy (disorder)
36217008	Organic personality disorder (disorder)
36262007	Pygmalionism (disorder)
36474008	Severe recurrent major depression without psychotic features (disorder)
36583000	Mixed bipolar I disorder in partial remission (disorder)
36622002	Mild mood disorder (disorder)
367515004	Receptive language disorder (disorder)
36943003	Making obscene telephone calls (disorder)
370143000	Major depressive disorder (disorder)
371024007	Senile dementia with delusion (disorder)
371026009	Senile dementia with psychosis (disorder)
371596008	Bipolar I disorder (disorder)
371600003	Severe bipolar disorder (disorder)
371631005	Panic disorder (disorder)
37331004	Psychoactive substance-induced organic mood disorder (disorder)
373618009	Autistic spectrum disorder with isolated skills (disorder)
37739004	Mood disorder due to a general medical condition (disorder)
37746008	Avoidant personality disorder (disorder)
37868008	Anxiety disorder of adolescence (disorder)
37872007	Avoidant disorder of childhood OR adolescence (disorder)
37941009	Rumination disorder (disorder)



38295006	Involitional paraphrenia (disorder)
38328002	Panic disorder with agoraphobia, severe agoraphobic avoidance AND panic attacks in full remission (disorder)
38368003	Schizoaffective disorder, bipolar type (disorder)
38547003	Mood disorder in full remission (disorder)
386701004	Developmental articulation disorder (disorder)
386810004	Phobic disorder (disorder)
386821008	Adjustment reaction in infancy (disorder)
386822001	Adjustment reaction of adolescence (disorder)
386823006	Adjustment reaction of adult life (disorder)
386824000	Adjustment reaction of childhood (disorder)
386825004	Adjustment reaction of late life (disorder)
38694004	Recurrent major depressive disorder with atypical features (disorder)
39003006	Psychoactive substance-induced organic delirium (disorder)
391099000	On examination - speech delay (disorder)
3914008	Mental disorder in childhood (disorder)
39465007	Emotional deprivation syndrome (disorder)
39610001	Undifferentiated schizophrenia in remission (disorder)
397803000	Impotence (disorder)
398066007	Intensive care psychiatric disorder (disorder)
39807006	Cannabis intoxication delirium (disorder)
39809009	Recurrent major depressive disorder with catatonic features (disorder)
39951000119105	Pervasive developmental disorder of residual state (disorder)
39951001	Cannabis-induced anxiety disorder (disorder)
40083003	Stereotypic movement disorder with self-injurious behavior (disorder)
402732001	Habit tic (disorder)
402733006	Habit tic affecting skin (disorder)
402735004	Habit tic affecting hair (disorder)
403170002	Callosity due to biting and/or chewing (disorder)
403590001	Cutaneous Munchausen syndrome by proxy (disorder)
403593004	Phobic fear of skin cancer (disorder)
403594005	Psychogenic formication (disorder)
403595006	Pinocchio syndrome (disorder)
40379007	Mild recurrent major depression (disorder)
404906000	Postoperative confusion (disorder)
40568001	Recurrent brief depressive disorder (disorder)
40571009	Hallucinogen intoxication delirium (disorder)

406506008	Attention deficit hyperactivity disorder (disorder)
40673001	Post-encephalitic syndrome (disorder)
408856003	Autistic disorder (disorder)
408857007	Infantile autism (disorder)
408858002	Infantile psychosis (disorder)
40987004	Intermittent explosive disorder (disorder)
41021005	Psychologic dyspareunia (disorder)
41083005	Alcohol-induced sleep disorder (disorder)
412787009	Mental retardation, congenital heart disease, blepharophimosis, blepharoptosis and hypoplastic teeth (disorder)
414673004	Mental retardation, dwarfism, and gonadal hypoplasia due to xeroderma pigmentosa (disorder)
41524005	Flagellantism (disorder)
41526007	Reactive attachment disorder (disorder)
41552001	Mild bipolar I disorder, single manic episode (disorder)
416073003	Long duration flashbacks (disorder)
416340002	Late onset schizophrenia (disorder)
416714005	Episodic flashbacks (disorder)
416780008	Primary degenerative dementia of the Alzheimer type, presenile onset (disorder)
416975007	Primary degenerative dementia of the Alzheimer type, senile onset (disorder)
417143004	Short duration flashbacks (disorder)
417360004	Duplicative flashbacks (disorder)
41836007	Bipolar disorder in full remission (disorder)
420774007	Organic brain syndrome associated with acquired immunodeficiency syndrome (disorder)
421023003	Presenile dementia associated with acquired immunodeficiency syndrome (disorder)
422437002	X-linked mental retardation with marfanoid habitus syndrome (disorder)
42344001	Alcohol-induced psychosis (disorder)
425914008	Adjustment reaction to medical therapy (disorder)
425919003	Chronic organic mental disorder (disorder)
42594001	Organic mood disorder of depressed type (disorder)
426041005	Developmental dyslalia (disorder)
426174008	Chronic stress disorder (disorder)
426881004	Developmental delay in feeding (disorder)
427145007	Articulation disorder due to hyperkinesis (disorder)
427469003	Eating disorder in remission (disorder)

427975003	Drug-induced delusional disorder (disorder)
428007007	Erectile dysfunction associated with type 2 diabetes mellitus (disorder)
428051000124108	Mild dementia (disorder)
428351000124105	Severe dementia (disorder)
42868002	Subchronic catatonic schizophrenia (disorder)
428687006	Nightmares associated with chronic post-traumatic stress disorder (disorder)
428703001	Transient organic mental disorder (disorder)
429161000124103	Primary degenerative dementia of the Alzheimer type, senile onset, with behavioral disturbance (disorder)
429672007	Drug-induced mood disorder (disorder)
429998004	Vascular dementia (disorder)
4306003	Cluster B personality disorder (disorder)
430744005	Factitious disorder with predominantly physical signs and symptoms (disorder)
430751001	Factitious disorder with predominantly psychological signs and symptoms (disorder)
430771000124100	Moderate dementia (disorder)
430909002	Conduct disorder (disorder)
43150009	Panic disorder without agoraphobia with severe panic attacks (disorder)
432091002	Savant syndrome (disorder)
43497001	Amphetamine-induced mood disorder (disorder)
434971000124109	Amphetamine induced psychotic disorder (disorder)
43568002	Bipolar II disorder, most recent episode major depressive with atypical features (disorder)
43614003	Autistic disorder of childhood onset (disorder)
439960005	Binge eating disorder (disorder)
44031002	Postseizure confusion (disorder)
44124003	Reactive attachment disorder of early childhood (disorder)
441704009	Affective psychosis (disorder)
441711008	Chronic psychogenic pain (disorder)
441716003	Residual childhood psychosis (disorder)
441719005	Speech and language developmental delay due to hearing loss (disorder)
441833000	Lethal catatonia (disorder)
442057004	Chronic depressive personality disorder (disorder)
442243005	Psychosexual dysfunction associated with inhibited libido (disorder)
442245003	Chronic hypomanic personality disorder (disorder)

442314000	Active but odd autism (disorder)
442351006	Mental disorder due to drug (disorder)
443735008	Nonverbal learning disorder (disorder)
443919007	Complex posttraumatic stress disorder (disorder)
44433009	Recurrent transient tic disorder (disorder)
44966003	Passive aggressive personality disorder (disorder)
450714000	Severe major depression (disorder)
45479006	Manic bipolar I disorder in remission (disorder)
45677003	Developmental expressive writing disorder (disorder)
45912004	Organic hallucinosis (disorder)
45924006	Necrophilia (disorder)
45994004	Erotic vomiting (disorder)
46206005	Mood disorder (disorder)
46244001	Recurrent major depression in complete remission (disorder)
46372006	Female sexual arousal disorder (disorder)
46432001	Lecherism (disorder)
46721000	Psychoactive substance-induced organic personality disorder (disorder)
46762006	Sexual desire disorder (disorder)
46975003	Cocaine-induced organic mental disorder (disorder)
472981000	Fetishistic transvestism (disorder)
473020005	Primary erectile dysfunction (disorder)
473452003	Atypical psychosis (disorder)
473456000	Compulsive personality disorder (disorder)
473457009	Obsessional personality disorder (disorder)
47372000	Adjustment disorder with anxious mood (disorder)
47447001	Grandiose delusion disorder (disorder)
47505003	Posttraumatic stress disorder (disorder)
47664006	Sedative, hypnotic AND/OR anxiolytic-induced psychotic disorder with hallucinations (disorder)
47916000	Developmental arithmetic disorder (disorder)
4817008	Primary degenerative dementia of the Alzheimer type, senile onset, with delirium (disorder)
48500005	Delusional disorder (disorder)
48589009	Minor depressive disorder (disorder)
4926007	Schizophrenia in remission (disorder)
49271002	Deferred diagnosis on Axis II (disorder)
4932002	Panic disorder with agoraphobia, moderate agoraphobic avoidance AND mild panic attacks (disorder)
49468007	Depressed bipolar I disorder (disorder)

49481000	Postseizure delirium (disorder)
4949009	Motor skill disorder (disorder)
49512000	Depressed bipolar I disorder in partial remission (disorder)
49564006	Panic disorder with agoraphobia, mild agoraphobic avoidance AND moderate panic attacks (disorder)
4997005	Thyrotoxicosis factitia (disorder)
50026000	Psychoactive substance-induced organic anxiety disorder (disorder)
50299009	Paraphilia (disorder)
50320000	Hallucinogen intoxication (disorder)
50705009	Factitious disorder (disorder)
50722006	Phencyclidine delusional disorder (disorder)
50878001	Gender identity disorder of adulthood, previously asexual (disorder)
50933003	Hallucinogen delusional disorder (disorder)
5095008	Gender identity disorder of childhood (disorder)
50983008	Panic disorder with agoraphobia, mild agoraphobic avoidance AND panic attacks in partial remission (disorder)
51133006	Residual schizophrenia in remission (disorder)
51443000	Amphetamine-induced psychotic disorder with hallucinations (disorder)
51493001	Cocaine-induced anxiety disorder (disorder)
5158005	Gilles de la Tourette's syndrome (disorder)
51637008	Chronic bipolar I disorder, most recent episode depressed (disorder)
51771007	Postviral fatigue syndrome (disorder)
51928006	General paresis - neurosyphilis (disorder)
52448006	Dementia (disorder)
52702003	Chronic fatigue syndrome (disorder)
52824009	Developmental reading disorder (disorder)
52866005	Opioid intoxication delirium (disorder)
52910006	Anxiety disorder due to a general medical condition (disorder)
52954000	Schizoid personality disorder (disorder)
53050002	Hallucinogen-induced organic mental disorder (disorder)
53467004	Anxiety disorder of childhood (disorder)
53607008	Depressed bipolar I disorder in remission (disorder)
53936005	Alcohol-induced mood disorder (disorder)
53956006	Panic disorder without agoraphobia with panic attacks in partial remission (disorder)
54319003	Disruptive behavior disorder (disorder)

54417002	Adult gender identity disorder, sexually attracted to females (disorder)
5444000	Sedative, hypnotic AND/OR anxiolytic intoxication delirium (disorder)
54502004	Primary degenerative dementia of the Alzheimer type, presenile onset, with delusions (disorder)
54587008	Simple phobia (disorder)
5464005	Brief reactive psychosis (disorder)
54761006	Severe depressed bipolar I disorder with psychotic features, mood-congruent (disorder)
55009008	Primary degenerative dementia of the Alzheimer type, senile onset, with delusions (disorder)
5507002	Stereotypy habit disorder (disorder)
5509004	Panic disorder with agoraphobia AND severe panic attacks (disorder)
5510009	Organic delusional disorder (disorder)
55341008	Histrionic personality disorder (disorder)
55516002	Bipolar I disorder, most recent episode manic with postpartum onset (disorder)
55668003	Adjustment disorder with mixed emotional features (disorder)
55728007	Sexual aversion disorder (disorder)
55967005	Phencyclidine-induced anxiety disorder (disorder)
5619004	Bardet-Biedl syndrome (disorder)
56194001	Caffeine-induced sleep disorder (disorder)
56267009	Multi-infarct dementia (disorder)
56573006	Transient tic disorder (disorder)
56576003	Panic disorder without agoraphobia (disorder)
56627002	Psychosexual disorder (disorder)
5664002	Situational hypoactive sexual desire disorder (disorder)
56641006	Axis II diagnosis (disorder)
568005	Tic disorder (disorder)
56882008	Anorexia nervosa (disorder)
5703000	Bipolar disorder in partial remission (disorder)
57194009	Adjustment disorder with depressed mood (disorder)
57588009	Sedative, hypnotic AND/OR anxiolytic-induced sleep disorder (disorder)
57715001	Gender identity disorder of adolescence (disorder)
58214004	Schizophrenia (disorder)
58329000	Organic mood disorder of manic type (disorder)
58349009	Exhibitionism (disorder)
58535001	Physical AND emotional exhaustion state (disorder)

58647003	Severe mood disorder with psychotic features, mood-congruent (disorder)
58703003	Postpartum depression (disorder)
59174009	Fetishism (disorder)
59216005	Adult gender identity disorder, sexually attracted to males (disorder)
59252009	Cutis laxa-corneal clouding-oligophrenia syndrome (disorder)
59617007	Severe depressed bipolar I disorder with psychotic features (disorder)
59645001	Bulimia nervosa, nonpurging type (disorder)
59651006	Sedative, hypnotic AND/OR anxiolytic-induced persisting dementia (disorder)
59923000	Panic disorder with agoraphobia AND panic attacks in full remission (disorder)
600009	Pyromania (disorder)
60103007	Inhibited female orgasm (disorder)
60123008	Delusional disorder, mixed type (disorder)
609225004	Developmental regression (disorder)
61104008	Inhalant-induced organic mental disorder (disorder)
61144001	Alcohol-induced psychotic disorder with delusions (disorder)
61157009	Combat fatigue (disorder)
61180001	Adult gender identity disorder, sexually attracted to neither sex (disorder)
61212007	Panic disorder with agoraphobia, severe agoraphobic avoidance AND severe panic attacks (disorder)
61403008	Severe depressed bipolar I disorder without psychotic features (disorder)
61569007	Agoraphobia without history of panic disorder (disorder)
61771000119106	Bipolar II disorder, most recent episode rapid cycling (disorder)
61831009	Induced psychotic disorder (disorder)
62211000119103	Moderate expressive language delay (disorder)
62221000119105	Severe expressive language delay (disorder)
62231000119108	Mild expressive language delay (disorder)
62239001	Parkinson-dementia complex of Guam (disorder)
62351001	Generalized social phobia (disorder)
62491004	Frotteurism (disorder)
62792007	Urophilia (disorder)
63181006	Paranoid schizophrenia in remission (disorder)
63204009	Bouffée délirante (disorder)
63249007	Manic bipolar I disorder in partial remission (disorder)
63393005	Anorexia nervosa, binge-eating purging type (disorder)

6348008	Cocaine-induced psychotic disorder with hallucinations (disorder)
63649001	Cannabis delusional disorder (disorder)
63701002	Panic disorder with agoraphobia, mild agoraphobic avoidance AND mild panic attacks (disorder)
63835008	Voyeurism (disorder)
63909006	Panic disorder with agoraphobia AND panic attacks in partial remission (disorder)
63983005	Inhalant-induced psychotic disorder with hallucinations (disorder)
64060000	Panic disorder with agoraphobia, moderate agoraphobic avoidance AND panic attacks in full remission (disorder)
64165008	Avoidant disorder of childhood (disorder)
64731001	Severe mixed bipolar I disorder with psychotic features, mood-congruent (disorder)
6475002	Primary degenerative dementia of the Alzheimer type, presenile onset, uncomplicated (disorder)
64905009	Paranoid schizophrenia (disorder)
65064003	Panic disorder without agoraphobia with moderate panic attacks (disorder)
65096006	Primary degenerative dementia of the Alzheimer type, presenile onset, with delirium (disorder)
66108005	Primary degenerative dementia of the Alzheimer type, senile onset, uncomplicated (disorder)
66344007	Recurrent major depression (disorder)
66347000	Impulse control disorder (disorder)
66381006	Adjustment disorder with mixed disturbance of emotions AND conduct (disorder)
66590003	Alcohol dependence (disorder)
66631006	Moderate depressed bipolar I disorder (disorder)
66936004	Identity disorder (disorder)
67123006	Adult gender identity disorder, sexually attracted to both sexes (disorder)
67195008	Acute stress disorder (disorder)
68019004	Recurrent major depression in remission (disorder)
68569003	Manic bipolar I disorder (disorder)
68618008	Rett's disorder (disorder)
68890003	Schizoaffective disorder (disorder)
68963006	Gender identity disorder of adolescence, previously heterosexual (disorder)
68995007	Chronic catatonic schizophrenia (disorder)



69322001	Psychotic disorder (disorder)
69361009	Kleptomania (disorder)
69479009	Anxiety hyperventilation (disorder)
69482004	Korsakoff's psychosis (disorder)
7025000	Subchronic undifferentiated schizophrenia with acute exacerbations (disorder)
70328006	Cocaine delirium (disorder)
7052005	Alcohol hallucinosis (disorder)
70546001	Severe bipolar disorder with psychotic features, mood-congruent (disorder)
70655008	Caffeine-induced anxiety disorder (disorder)
70691001	Agoraphobia (disorder)
70814008	Subchronic residual schizophrenia with acute exacerbations (disorder)
70932007	Amphetamine-induced sexual dysfunction (disorder)
70936005	Multi-infarct dementia, uncomplicated (disorder)
71103003	Chronic residual schizophrenia (disorder)
71328000	Opioid-induced sexual dysfunction (disorder)
71336009	Recurrent major depressive disorder with postpartum onset (disorder)
71787009	Psychologic vaginismus (disorder)
71959007	Elective mutism (disorder)
71961003	Childhood disintegrative disorder (disorder)
71984005	Mild manic bipolar I disorder (disorder)
7200002	Alcoholism (disorder)
72366004	Eating disorder (disorder)
72861004	Panic disorder without agoraphobia with mild panic attacks (disorder)
7291006	Reactive attachment disorder of infancy (disorder)
73097000	Alcohol amnestic disorder (disorder)
73462009	Chronic vocal tic disorder (disorder)
7397008	Aggressor identification syndrome (disorder)
74007000	Sexual arousal disorder (disorder)
74010007	Panic disorder with agoraphobia, severe agoraphobic avoidance AND panic attacks in partial remission (disorder)
74142004	Feeding disorder of infancy OR early childhood (disorder)
74266001	Mood disorder in partial remission (disorder)
7461003	Attention deficit hyperactivity disorder, predominantly hyperactive impulsive type (disorder)
74686005	Mild depressed bipolar I disorder (disorder)
74732009	Mental disorder (disorder)

74934004	Psychoactive substance-induced organic withdrawal (disorder)
75122001	Inhalant-induced psychotic disorder with delusions (disorder)
75360000	Bipolar I disorder, single manic episode, in remission (disorder)
75752004	Bipolar I disorder, most recent episode depressed with melancholic features (disorder)
75837004	Mood disorder with depressive features due to general medical condition (disorder)
76105009	Cyclothymia (disorder)
76236006	Atypical tic disorder (disorder)
76566000	Subchronic residual schizophrenia (disorder)
76812003	Panic disorder with agoraphobia, moderate agoraphobic avoidance AND panic attacks in partial remission (disorder)
76868007	Panic disorder with agoraphobia, agoraphobic avoidance in full remission AND mild panic attacks (disorder)
77355000	Cannabis-induced organic mental disorder (disorder)
77383003	Marfanoid mental retardation syndrome (disorder)
77475008	Jealous delusion disorder (disorder)
77486005	Mood disorder with major depressive-like episode due to general medical condition (disorder)
77675002	Anorexia nervosa, restricting type (disorder)
77815007	Gender identity disorder of adulthood, previously homosexual (disorder)
7794004	Chronic motor tic disorder (disorder)
78004001	Bulimia nervosa (disorder)
78269000	Bipolar I disorder, single manic episode, in partial remission (disorder)
78358001	Amphetamine withdrawal (disorder)
78640000	Severe manic bipolar I disorder with psychotic features, mood-congruent (disorder)
78667006	Dysthymia (disorder)
79204003	Chronic undifferentiated schizophrenia with acute exacerbations (disorder)
79341000119107	Mixed dementia (disorder)
79524000	Ecouteurism (disorder)
79578000	Alcohol paranoia (disorder)
79584002	Moderate bipolar disorder (disorder)
79842004	Stuporous depression (disorder)
79866005	Subchronic paranoid schizophrenia (disorder)
80711002	Narcissistic personality disorder (disorder)
80868005	Cocaine withdrawal (disorder)
81463002	Bestiality (disorder)

8185002	Panic disorder with agoraphobia AND moderate panic attacks (disorder)
81903006	Inhibited male orgasm (disorder)
82096005	Aggressive type unsocialized behavior disorder (disorder)
82218004	Postoperative depression (disorder)
82339009	Amphetamine-induced anxiety disorder (disorder)
82415003	Agoraphobia without history of panic disorder without limited symptom attacks (disorder)
82494000	Panic disorder without agoraphobia with panic attacks in full remission (disorder)
82636008	Orgasm disorder (disorder)
82738004	Panic disorder with agoraphobia, moderate agoraphobic avoidance AND moderate panic attacks (disorder)
82959004	Dementia paralytica juvenilis (disorder)
82998009	Moderate manic bipolar I disorder (disorder)
83168008	Psychoactive substance-induced organic amnesic disorder (disorder)
83225003	Bipolar II disorder (disorder)
83253003	Shyness disorder of childhood (disorder)
83367009	Amphetamine-induced organic mental disorder (disorder)
83458005	Agitated depression (disorder)
83501007	Organic mood disorder of mixed type (disorder)
83631006	Panic disorder with agoraphobia, moderate agoraphobic avoidance AND severe panic attacks (disorder)
83746006	Chronic schizophrenia (disorder)
83890006	Cluster C personality disorder (disorder)
84002002	Pedophilia (disorder)
84466009	Dependent personality disorder (disorder)
84760002	Schizoaffective disorder, depressive type (disorder)
84788008	Menopausal depression (disorder)
84984002	Adjustment disorder with disturbance of conduct (disorder)
85061001	Separation anxiety disorder of childhood, early onset (disorder)
8511007	Transient tic disorder, single episode (disorder)
8522006	Klismaphilia (disorder)
85248005	Bipolar disorder in remission (disorder)
85561006	Uncomplicated alcohol withdrawal (disorder)
85762002	Voice disorder due to transsexualism (disorder)
85821003	Acute non-psychotic brain syndrome (disorder)
85861002	Subchronic undifferentiated schizophrenia (disorder)
8635005	Alcohol withdrawal delirium (disorder)
87132004	Opioid withdrawal (disorder)

87203005	Bipolar I disorder, most recent episode depressed with postpartum onset (disorder)
87414006	Reactive depression (situational) (disorder)
87798009	Panic disorder with agoraphobia, agoraphobic avoidance in full remission AND moderate panic attacks (disorder)
87950005	Bipolar I disorder, single manic episode with catatonic features (disorder)
87991007	Gender identity disorder (disorder)
88339003	Dementia arising in the senium AND/OR presenium (disorder)
8837000	Amphetamine delirium (disorder)
88740003	Thyrotoxicosis factitia with thyrotoxic crisis (disorder)
88845000	Explosive type organic personality disorder (disorder)
88939009	Severe mood disorder without psychotic features (disorder)
88975006	Schizophreniform disorder (disorder)
89016005	Axis III diagnosis (disorder)
89381000119107	Moderate receptive language delay (disorder)
89415002	Hypersomnia disorder related to another mental disorder (disorder)
89451009	Inhalant-induced mood disorder (disorder)
89501000119108	Mild receptive language delay (disorder)
89618007	Persecutory delusion disorder (disorder)
899001	Axis I diagnosis (disorder)
89948007	Panic disorder with agoraphobia AND mild panic attacks (disorder)
89989005	Deferred diagnosis on Axis V (disorder)
90099008	Subcortical leukoencephalopathy (disorder)
90755006	Nicotine withdrawal (disorder)
90790003	Avoidant disorder of adolescence (disorder)
9167000	Moderate mood disorder (disorder)
9340000	Bipolar I disorder, single manic episode (disorder)
9345005	Dialysis dementia (disorder)
93461009	Gender dysphoria (disorder)
95635002	Caffeine withdrawal (disorder)
95636001	Sadomasochism (disorder)
95637005	Munchausen syndrome by proxy (disorder)
9674006	Adjustment disorder with withdrawal (disorder)
9760005	Deferred diagnosis on Axis I (disorder)

Value Set Name	BH Condition involving unipolar depression SNOMED-CT
OID	2.16.840.1.113883.3.1257.1.1803
Type	Extensional
Definition ID (release/update date)	20150430
Steward	Center for Quality Assessment and Improvement in Mental Health
Program	CMS, MU2 Update 2015-05-01 using this value set

#### Value Set Members

14183003	Chronic major depressive disorder, single episode (disorder)
15193003	Severe recurrent major depression with psychotic features, mood-incongruent (disorder)
15639000	Moderate major depression, single episode (disorder)
18818009	Moderate recurrent major depression (disorder)
191610000	Recurrent major depressive episodes, mild (disorder)
191611001	Recurrent major depressive episodes, moderate (disorder)
191613003	Recurrent major depressive episodes, severe, with psychosis (disorder)
19527009	Major depression, single episode, in complete remission (disorder)
20250007	Severe major depression, single episode, with psychotic features, mood-incongruent (disorder)
25922000	Major depressive disorder, single episode with postpartum onset (disorder)
2618002	Chronic recurrent major depressive disorder (disorder)
268621008	Recurrent major depressive episodes (disorder)
28475009	Severe recurrent major depression with psychotic features (disorder)
30605009	Major depression in partial remission (disorder)
319768000	Recurrent major depressive disorder with melancholic features (disorder)
320751009	Major depression, melancholic type (disorder)
33078009	Severe recurrent major depression with psychotic features, mood-congruent (disorder)
33135002	Recurrent major depression in partial remission (disorder)
33736005	Severe major depression with psychotic features, mood-congruent (disorder)
35489007	Depressive disorder (disorder)
36474008	Severe recurrent major depression without psychotic features (disorder)
36923009	Major depression, single episode (disorder)
370143000	Major depressive disorder (disorder)

38694004	Recurrent major depressive disorder with atypical features (disorder)
39809009	Recurrent major depressive disorder with catatonic features (disorder)
40379007	Mild recurrent major depression (disorder)
42810003	Major depression in remission (disorder)
42925002	Major depressive disorder, single episode with atypical features (disorder)
430852001	Severe major depression, single episode, with psychotic features (disorder)
46244001	Recurrent major depression in complete remission (disorder)
60099002	Severe major depression with psychotic features, mood-incongruent (disorder)
63412003	Major depression in complete remission (disorder)
63778009	Major depressive disorder, single episode with melancholic features (disorder)
66344007	Recurrent major depression (disorder)
68019004	Recurrent major depression in remission (disorder)
69392006	Major depressive disorder, single episode with catatonic features (disorder)
70747007	Major depression single episode, in partial remission (disorder)
71336009	Recurrent major depressive disorder with postpartum onset (disorder)
73867007	Severe major depression with psychotic features (disorder)
75084000	Severe major depression without psychotic features (disorder)
76441001	Severe major depression, single episode, without psychotic features (disorder)
77911002	Severe major depression, single episode, with psychotic features, mood-congruent (disorder)
78667006	Dysthymia (disorder)
79298009	Mild major depression, single episode (disorder)
832007	Moderate major depression (disorder)
87512008	Mild major depression (disorder)

Value Set Name	Major Depression
OID	2.16.840.1.113883.3.464.1003.105.11.1017
Type	Extensional
Definition ID (release/update date)	20150430
Steward	National Committee for Quality Assurance
Program	CMS, MU2 Update 2015-05-01 using this value set

#### Value Set Members

14183003	Chronic major depressive disorder, single episode (disorder)
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15193003	Severe recurrent major depression with psychotic features, mood-incongruent (disorder)
15639000	Moderate major depression, single episode (disorder)
18818009	Moderate recurrent major depression (disorder)
191601008	Single major depressive episode, mild (disorder)
191602001	Single major depressive episode, moderate (disorder)
191604000	Single major depressive episode, severe, with psychosis (disorder)
191610000	Recurrent major depressive episodes, mild (disorder)
191611001	Recurrent major depressive episodes, moderate (disorder)
191613003	Recurrent major depressive episodes, severe, with psychosis (disorder)
20250007	Severe major depression, single episode, with psychotic features, mood-incongruent (disorder)
231499006	Endogenous depression first episode (disorder)
25922000	Major depressive disorder, single episode with postpartum onset (disorder)
2618002	Chronic recurrent major depressive disorder (disorder)
268620009	Single major depressive episode (disorder)
268621008	Recurrent major depressive episodes (disorder)
274948002	Endogenous depression - recurrent (disorder)
28475009	Severe recurrent major depression with psychotic features (disorder)
300706003	Endogenous depression (disorder)
30605009	Major depression in partial remission (disorder)
319768000	Recurrent major depressive disorder with melancholic features (disorder)
320751009	Major depression, melancholic type (disorder)
33078009	Severe recurrent major depression with psychotic features, mood-congruent (disorder)
33135002	Recurrent major depression in partial remission (disorder)
33736005	Severe major depression with psychotic features, mood-congruent (disorder)
36474008	Severe recurrent major depression without psychotic features (disorder)
36923009	Major depression, single episode (disorder)
370143000	Major depressive disorder (disorder)
38694004	Recurrent major depressive disorder with atypical features (disorder)
39809009	Recurrent major depressive disorder with catatonic features (disorder)
40379007	Mild recurrent major depression (disorder)
42925002	Major depressive disorder, single episode with atypical features (disorder)
430852001	Severe major depression, single episode, with psychotic features (disorder)
60099002	Severe major depression with psychotic features, mood-incongruent (disorder)
63778009	Major depressive disorder, single episode with melancholic features (disorder)
66344007	Recurrent major depression (disorder)
69392006	Major depressive disorder, single episode with catatonic features (disorder)
70747007	Major depression single episode, in partial remission (disorder)

71336009	Recurrent major depressive disorder with postpartum onset (disorder)
73867007	Severe major depression with psychotic features (disorder)
75084000	Severe major depression without psychotic features (disorder)
76441001	Severe major depression, single episode, without psychotic features (disorder)
77911002	Severe major depression, single episode, with psychotic features, mood-congruent (disorder)
79298009	Mild major depression, single episode (disorder)
832007	Moderate major depression (disorder)
87512008	Mild major depression (disorder)

Value Set Name	Major Depressive Disorder-Active
OID	2.16.840.1.113883.3.526.2.1912
Type	Extensional
Definition ID (release/update date)	20150430
Steward	American Medical Association-convened Physician Consortium for Performance Improvement(R)
Program	CMS, MU2 Update 2015-05-01 using this value set

#### Value Set Members

14183003	Chronic major depressive disorder, single episode (disorder)
15193003	Severe recurrent major depression with psychotic features, mood-incongruent (disorder)
15639000	Moderate major depression, single episode (disorder)
18818009	Moderate recurrent major depression (disorder)
191610000	Recurrent major depressive episodes, mild (disorder)
191611001	Recurrent major depressive episodes, moderate (disorder)
191613003	Recurrent major depressive episodes, severe, with psychosis (disorder)
20250007	Severe major depression, single episode, with psychotic features, mood-incongruent (disorder)
25922000	Major depressive disorder, single episode with postpartum onset (disorder)
2618002	Chronic recurrent major depressive disorder (disorder)
268621008	Recurrent major depressive episodes (disorder)



28475009	Severe recurrent major depression with psychotic features (disorder)
319768000	Recurrent major depressive disorder with melancholic features (disorder)
320751009	Major depression, melancholic type (disorder)
33078009	Severe recurrent major depression with psychotic features, mood-congruent (disorder)
33736005	Severe major depression with psychotic features, mood-congruent (disorder)
36474008	Severe recurrent major depression without psychotic features (disorder)
36923009	Major depression, single episode (disorder)
370143000	Major depressive disorder (disorder)
38694004	Recurrent major depressive disorder with atypical features (disorder)
39809009	Recurrent major depressive disorder with catatonic features (disorder)
40379007	Mild recurrent major depression (disorder)
42925002	Major depressive disorder, single episode with atypical features (disorder)
430852001	Severe major depression, single episode, with psychotic features (disorder)
60099002	Severe major depression with psychotic features, mood-incongruent (disorder)
63778009	Major depressive disorder, single episode with melancholic features (disorder)
66344007	Recurrent major depression (disorder)
69392006	Major depressive disorder, single episode with catatonic features (disorder)
71336009	Recurrent major depressive disorder with postpartum onset (disorder)
73867007	Severe major depression with psychotic features (disorder)
75084000	Severe major depression without psychotic features (disorder)
76441001	Severe major depression, single episode, without psychotic features (disorder)
77911002	Severe major depression, single episode, with psychotic features, mood-congruent (disorder)
79298009	Mild major depression, single episode (disorder)
832007	Moderate major depression (disorder)
87512008	Mild major depression (disorder)

OID	2.16.840.1.113883.3.600.141
Type	Extensional
Definition ID (release/update date)	20150430
Steward	Quality Insights of Pennsylvania
Program	CMS, MU2 Update 2015-05-01 using this value set

#### Value Set Members

14183003	Chronic major depressive disorder, single episode (disorder)
15193003	Severe recurrent major depression with psychotic features, mood-incongruent (disorder)
15639000	Moderate major depression, single episode (disorder)
18818009	Moderate recurrent major depression (disorder)
191610000	Recurrent major depressive episodes, mild (disorder)
191611001	Recurrent major depressive episodes, moderate (disorder)
191613003	Recurrent major depressive episodes, severe, with psychosis (disorder)
191616006	Recurrent depression (disorder)
191659001	Atypical depressive disorder (disorder)
192080009	Chronic depression (disorder)
19527009	Major depression, single episode, in complete remission (disorder)
19694002	Late onset dysthymia (disorder)
20250007	Severe major depression, single episode, with psychotic features, mood-incongruent (disorder)
231504006	Mixed anxiety and depressive disorder (disorder)
231542000	Depressive conduct disorder (disorder)
2506003	Early onset dysthymia (disorder)
25922000	Major depressive disorder, single episode with postpartum onset (disorder)
2618002	Chronic recurrent major depressive disorder (disorder)
268621008	Recurrent major depressive episodes (disorder)
28475009	Severe recurrent major depression with psychotic features (disorder)
3109008	Secondary dysthymia early onset (disorder)
319768000	Recurrent major depressive disorder with melancholic features (disorder)
320751009	Major depression, melancholic type (disorder)
33078009	Severe recurrent major depression with psychotic features, mood-congruent (disorder)
35489007	Depressive disorder (disorder)

36170009	Secondary dysthymia late onset (disorder)
36474008	Severe recurrent major depression without psychotic features (disorder)
36923009	Major depression, single episode (disorder)
370143000	Major depressive disorder (disorder)
38451003	Primary dysthymia early onset (disorder)
38694004	Recurrent major depressive disorder with atypical features (disorder)
39809009	Recurrent major depressive disorder with catatonic features (disorder)
40379007	Mild recurrent major depression (disorder)
40568001	Recurrent brief depressive disorder (disorder)
42925002	Major depressive disorder, single episode with atypical features (disorder)
430852001	Severe major depression, single episode, with psychotic features (disorder)
442057004	Chronic depressive personality disorder (disorder)
48589009	Minor depressive disorder (disorder)
63778009	Major depressive disorder, single episode with melancholic features (disorder)
66344007	Recurrent major depression (disorder)
67711008	Primary dysthymia late onset (disorder)
69392006	Major depressive disorder, single episode with catatonic features (disorder)
71336009	Recurrent major depressive disorder with postpartum onset (disorder)
73867007	Severe major depression with psychotic features (disorder)
75084000	Severe major depression without psychotic features (disorder)
75837004	Mood disorder with depressive features due to general medical condition (disorder)
76441001	Severe major depression, single episode, without psychotic features (disorder)
77486005	Mood disorder with major depressive-like episode due to general medical condition (disorder)
77911002	Severe major depression, single episode, with psychotic features, mood-congruent (disorder)
78667006	Dysthymia (disorder)
79298009	Mild major depression, single episode (disorder)
81319007	Severe bipolar II disorder, most recent episode major depressive without psychotic features (disorder)
83176005	Primary dysthymia (disorder)
832007	Moderate major depression (disorder)
84760002	Schizoaffective disorder, depressive type (disorder)
85080004	Secondary dysthymia (disorder)
87512008	Mild major depression (disorder)

## Appendix D: Worksheet for Encounter Value Sets

Encounter Value Sets

The goal of this third and final pilot test is to explore the development of intentional value sets for clinical encounters

#### Task #1

Please review the following value set: HIV Visit.

This is an extensional value set in that there are a group of codes from both the SNOMED-CT and CPT terminologies in each of the sub-value sets. At this time, there are no codes in this value set that describe specific treatment for HIV/AIDS

**Question:** After reviewing this value set, what recommendations would you have to make this encounter value set more representative of clinical encounters in which a patient presents with HIV?

Value Set Name	HIV Visit
OID	2.16.840.1.113883.3.464.1003.101.12.1047
Type	Grouping
Definition Version	20150430
Steward	National Committee for Quality Assurance
Program	CMS,MU2 Update 2015-05-01 using this value set
Purpose: Clinical Focus	N/A
Purpose: Data Element Scope	N/A
Purpose: Inclusion Criteria	N/A
Purpose: Exclusion Criteria	N/A
Note	N/A
Measures	CMS62v4 HIV/AIDS: Medical Visit CMS77v4 HIV/AIDS: RNA Control for Patients with HIV

	CMS52v4 HIV/AIDS: Pneumocystis Jiroveci Pneumonia (PCP) Prophylaxis	
Contains the following sub value sets		
2.16.840.1.113883.3.464.1003.101.11.1216	Face-to-Face Interaction	
2.16.840.1.113883.3.464.1003.101.11.1005	Office Visit	
2.16.840.1.113883.3.464.1003.101.11.1040	Outpatient Consultation	
2.16.840.1.113883.3.464.1003.101.11.1120	Preventive Care - Established Office Visit, 0 to 17	
2.16.840.1.113883.3.464.1003.101.11.1110	Preventive Care - Initial Office Visit, 0 to 17	
2.16.840.1.113883.3.464.1003.101.11.1125	Preventive Care Services - Established Office Visit, 18 and Up	
2.16.840.1.113883.3.464.1003.101.11.1115	Preventive Care Services-Initial Office Visit, 18 and Up	
Value sets contain the following members		
member	description	code system
12843005	Subsequent hospital visit by physician (procedure)	SNOMED-CTCT
18170008	Subsequent nursing facility visit (procedure)	SNOMED-CTCT
185349003	Encounter for "check-up" (procedure)	SNOMED-CTCT
185463005	Visit out of hours (procedure)	SNOMED-CTCT
185465003	Weekend visit (procedure)	SNOMED-CTCT
19681004	Nursing evaluation of patient and report (procedure)	SNOMED-CTCT
207195004	History and physical examination with evaluation and management of nursing facility patient (procedure)	SNOMED-CTCT

<b>270427003</b>	Patient-initiated encounter (procedure)	SNOMED-CTCT
<b>270430005</b>	Provider-initiated encounter (procedure)	SNOMED-CTCT
<b>308335008</b>	Patient encounter procedure (procedure)	SNOMED-CTCT
<b>390906007</b>	Follow-up encounter (procedure)	SNOMED-CTCT
<b>406547006</b>	Urgent follow-up (procedure)	SNOMED-CTCT
<b>439708006</b>	Home visit (procedure)	SNOMED-CTCT
<b>87790002</b>	Follow-up inpatient consultation visit (procedure)	SNOMED-CTCT
<b>90526000</b>	Initial evaluation and management of healthy individual (procedure)	SNOMED-CTCT
<b>The value set members grouped below describe office visits for evaluation and management, consultation and preventative medicine grouped by level of service and categorized by new patients, existing patients and patients of varying ages</b>		
<b>99201</b>	Value set members describe same process with increased complexity/time <b>based on need</b>  Office or other outpatient visit for the evaluation and management of a <b>new patient</b> , with 3 key components:  <ul style="list-style-type: none"> <li>• A problem focused history;</li> <li>• A problem focused examination;</li> <li>• Straightforward medical decision-making.</li> </ul> Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.	CPT
<b>99202</b>		
<b>99203</b>		
<b>99204</b>		
<b>99205</b>		
<b>99212</b>	Value set members describe same process with increased complexity/time <b>based on need</b>	CPT
<b>99213</b>		
<b>99214</b>		

99215	<p>Office or other outpatient visit for the evaluation and management of an <b>established patient</b>, with 3 key components:</p> <ul style="list-style-type: none"> <li>• A problem focused history;</li> <li>• A problem focused examination;</li> <li>• Straightforward medical decision-making.</li> </ul> <p>Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.</p>	
99241 99242 99243 99245 99245	<p>Value set members describe same process with increased complexity/time <b>based on severity of condition</b></p> <p>Office consultation for <b>a new or established patient</b>, with 3 key components:</p> <ul style="list-style-type: none"> <li>• A problem focused history;</li> <li>• A problem focused examination;</li> <li>• Straightforward medical decision-making</li> </ul> <p>Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.</p>	CPT
99381 99382 99383 99384 99385 99386	<p>Value set members describe same process <b>based on age of patient</b> from younger than 1 year to over 65 years for a <b>new patient</b></p> <p>Initial comprehensive preventive medicine evaluation and management of an individual including:</p> <ul style="list-style-type: none"> <li>• Age and gender appropriate history and examination,</li> <li>• Counseling/anticipatory guidance/risk factor reduction interventions,</li> <li>• Ordering of laboratory/diagnostic procedures,</li> </ul>	CPT

99387		
99391	Value Set members describe same process <b>based on age of patient</b> from younger than 1 year to over 65 years for a <b>established patient</b>  Periodic comprehensive preventive medicine reevaluation and management of an individual including: <ul style="list-style-type: none"> <li>• Age and gender appropriate history and examination,</li> <li>• Counseling/anticipatory guidance/risk factor reduction interventions,</li> <li>• Ordering of laboratory/diagnostic procedures,</li> </ul>	CPT
99392		
99393		
99394		
99395		
99396		
99397		

#### Task #2

Please review the following value set: Blood Pressure.

This is an extensional value set in that there are a group of codes from both the SNOMED-CT and CPT terminologies in each of the sub-value sets. At this time, there area no codes in this value set that describe blood pressure specifically

**Question:** After reviewing this value set, what recommendations would you have to make this encounter value set more representative of clinical encounters in which a patient's blood pressure is taken.

Value Set Name	Blood Pressure Visit
OID	2.16.840.1.113883.3.464.1003.101.12.1056
Type	Grouping



<b>Definition Version</b>	20150430
<b>Steward</b>	National Committee for Quality Assurance
<b>Program</b>	CMS,MU2 Update 2015-05-01 using this value set
<b>Purpose: Clinical Focus</b>	N/A
<b>Purpose: Data Element Scope</b>	N/A
<b>Purpose: Inclusion Criteria</b>	N/A
<b>Purpose: Exclusion Criteria</b>	N/A
<b>Note</b>	
<b>Measures</b>	CMS65v5 Hypertension: Improvement in Blood Pressure
<b>Contains the following sub value sets</b>	
<b>2.16.840.1.113883.3.464.1003.101.11.1070</b>	Care Services in Long-Term Residential Facility
<b>2.16.840.1.113883.3.464.1003.101.11.1216</b>	Face-to-Face Interaction
<b>2.16.840.1.113883.3.464.1003.101.11.1080</b>	Home Healthcare Services
<b>2.16.840.1.113883.3.464.1003.101.11.1060</b>	Nursing Facility Visit
<b>2.16.840.1.113883.3.464.1003.101.11.1005</b>	Office Visit
<b>2.16.840.1.113883.3.464.1003.101.11.1040</b>	Outpatient Consultation
<b>2.16.840.1.113883.3.464.1003.101.11.1125</b>	Preventive Care Services - Established Office Visit, 18 and Up
<b>2.16.840.1.113883.3.464.1003.101.11.1115</b>	Preventive Care Services-Initial Office Visit, 18 and Up
<b>Value sets contain the following members</b>	

member	description	code system
12843005	Subsequent hospital visit by physician (procedure)	SNOMED-CTCT
18170008	Subsequent nursing facility visit (procedure)	SNOMED-CTCT
185349003	Encounter for "check-up" (procedure)	SNOMED-CTCT
185463005	Visit out of hours (procedure)	SNOMED-CTCT
185465003	Weekend visit (procedure)	SNOMED-CTCT
19681004	Nursing evaluation of patient and report (procedure)	SNOMED-CTCT
207195004	History and physical examination with evaluation and management of nursing facility patient (procedure)	SNOMED-CTCT
270427003	Patient-initiated encounter (procedure)	SNOMED-CTCT
270430005	Provider-initiated encounter (procedure)	SNOMED-CTCT
308335008	Patient encounter procedure (procedure)	SNOMED-CTCT
390906007	Follow-up encounter (procedure)	SNOMED-CTCT
406547006	Urgent follow-up (procedure)	SNOMED-CTCT
439708006	Home visit (procedure)	SNOMED-CTCT
87790002	Follow-up inpatient consultation visit (procedure)	SNOMED-CTCT
90526000	Initial evaluation and management of healthy individual (procedure)	SNOMED-CTCT
<b>The value set members grouped below describe office visits for evaluation and management, consultation and preventative medicine grouped by level of service and categorized by new patients, existing patients and patients of varying ages</b>		
99201	Value set members describe same process with increased complexity/time <b>based on need</b>	CPT
99202	Office or other outpatient visit for the evaluation and management of a <b>new patient</b> , with 3 key components:	
99203	<ul style="list-style-type: none"> <li>A problem focused history;</li> </ul>	

99204 99205	<ul style="list-style-type: none"> <li>• A problem focused examination;</li> <li>• Straightforward medical decision-making.</li> </ul> <p>Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.</p>	
99212 99213 99214 99215	<p>Value set members describe same process with increased complexity/time <b>based on need</b></p> <p>Office or other outpatient visit for the evaluation and management of an <b>established patient</b>, with 3 key components:</p> <ul style="list-style-type: none"> <li>• A problem focused history;</li> <li>• A problem focused examination;</li> <li>• Straightforward medical decision-making.</li> </ul> <p>Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.</p>	CPT
99241 99242 99243 99245 99245	<p>Value set members describe same process with increased complexity/time <b>based on severity of condition</b></p> <p>Office consultation for a <b>new or established patient</b>, with 3 key components:</p> <ul style="list-style-type: none"> <li>• A problem focused history;</li> <li>• A problem focused examination;</li> <li>• Straightforward medical decision-making</li> </ul> <p>Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs.</p>	CPT
<p><b>The value set members grouped below describe nursing care in multiple environments for evaluation and management grouped by level of service and categorized by new patients and existing patients.</b></p>		

99304 99305 99306	<p>Value set members describe same process with increased complexity/time <b>based on severity of condition</b></p> <p><b>Initial nursing facility care</b>, per day, for the evaluation and management of a patient, which requires these 3 key components:</p> <ul style="list-style-type: none"> <li>• A detailed or comprehensive history;</li> <li>• A detailed or comprehensive examination; and</li> <li>• Medical decision making that is straightforward or of low complexity.</li> </ul> <p>Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs. Time is spent at the bedside and on the patient's facility floor or unit.</p>	CPT
99307 99308 99309 99310	<p>Value set members describe same process with increased complexity/time <b>based on severity of condition</b></p> <p><b>Subsequent nursing facility care</b>, per day, for the evaluation and management of a patient, which requires at least 2 of these 3 key components:</p> <ul style="list-style-type: none"> <li>• A detailed or comprehensive history;</li> <li>• A detailed or comprehensive examination; and</li> <li>• Medical decision making that is straightforward or of low complexity.</li> </ul> <p>Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs. Time is spent at the bedside and on the patient's facility floor or unit.</p>	CPT
99324 99325 99326 99327	<p>Value set members describe same process with increased complexity/time <b>based on severity of condition</b></p> <p><b>Domiciliary or rest home visit</b> for the evaluation and management of a <b>new patient</b>, which requires these 3 key components:</p>	CPT

99328	<p>A detailed or comprehensive history;</p> <ul style="list-style-type: none"> <li>• A detailed or comprehensive examination; and</li> <li>• Medical decision making that is straightforward or of low complexity.</li> </ul> <p>A problem focused history; A problem focused examination; and Straightforward medical decision making. Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs dependent on severity and time spent with the patient and/or family or caregiver.</p>	
99334 99335 99336 99337	<p>Value set members describe same process with increased complexity/time <b>based on severity of condition</b></p> <p><b>Domiciliary or rest home visit</b> for the evaluation and management of a <b>established patient</b>, which at least 2 of these 3 key components:</p> <ul style="list-style-type: none"> <li>• A detailed or comprehensive history;</li> <li>• A detailed or comprehensive examination; and</li> <li>• Medical decision making that is straightforward or of low complexity.</li> </ul> <p>A problem focused history; A problem focused examination; and Straightforward medical decision making. Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs dependent on severity and time spent with the patient and/or family or caregiver.</p>	CPT
99341 99342 99343 99344 99345	<p>Value set members describe same process with increased complexity/time <b>based on severity of condition</b></p> <p><b>Home visit</b> for the evaluation and management of a <b>new patient</b>, which requires these 3 key components:</p> <ul style="list-style-type: none"> <li>• A detailed or comprehensive history;</li> <li>• A detailed or comprehensive examination; and</li> </ul>	CPT

	<ul style="list-style-type: none"> <li>Medical decision making that is straightforward or of low complexity.</li> </ul> <p>A problem focused history; A problem focused examination; and Straightforward medical decision making. Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs dependent on severity and time spent with the patient and/or family or caregiver.</p>	
<b>99347</b> <b>99348</b> <b>99349</b> <b>99350</b>	<p>Value set members describe same process with increased complexity/time <b>based on severity of condition</b></p> <p><b>Home visit</b> for the evaluation and management of <b>an established patient</b>, which requires at least 2 of these 3 key components:</p> <ul style="list-style-type: none"> <li>A detailed or comprehensive history;</li> <li>A detailed or comprehensive examination; and</li> <li>Medical decision making that is straightforward or of low complexity.</li> </ul> <p>A problem focused history; A problem focused examination; and Straightforward medical decision making. Counseling and/or coordination of care with other physicians, other qualified health care professionals, or agencies are provided consistent with the nature of the problem(s) and the patient's and/or family's needs dependent on severity and time spent with the patient and/or family or caregiver.</p>	CPT
<b>99385</b> <b>99386</b> <b>99387</b>	<p>Value set members describe same process <b>based on age of patient</b> from younger than 18 years to over 65 years for a <b>new patient</b></p> <p>Initial comprehensive preventive medicine evaluation and management of an individual including:</p> <ul style="list-style-type: none"> <li>Age and gender appropriate history and examination,</li> <li>Counseling/anticipatory guidance/risk factor reduction interventions,</li> <li>Ordering of laboratory/diagnostic procedures,</li> </ul>	CPT

<b>99395</b>	Value set members describe same process <b>based on age of patient</b> from younger than 18 years to over 65 years for a <b>established patient</b>	CPT
<b>99396</b>		
<b>99397</b>		
	Periodic comprehensive preventive medicine reevaluation and management of an individual including: <ul style="list-style-type: none"> <li>• Age and gender appropriate history and examination,</li> <li>• Counseling/anticipatory guidance/risk factor reduction interventions,</li> <li>• Ordering of laboratory/diagnostic procedures,</li> </ul>	

## Discussion

After reviewing the value sets for HIV and Blood Pressure encounter, please consider the following questions.

- Do you think an encounter is better captured through:
  - Smaller value sets that are building blocks for all encounters and are stratified by level of service?
  - Value sets that include sub value sets that describe care for specific conditions, and clearly describe intent and purpose?
- Should value sets for encounters include sub value sets for Telehealth as well as Urgent Care and LTPAC facilities, or should those value sets be specified as standalone value sets?
- Should the Face-to-Face Interaction value set be specified for both inpatient and outpatient encounters to better capture the level of service involved in inpatient and outpatient care?

Remember that an intentional value set is a group of codes that's describes the intension of a concept by stating the superordinate concept and the delimiting characteristics. One example of this may be "All SNOMED-CT concepts that are children of the SNOMED-CT concept 'Diabetes Mellitus'"

Using members from the value sets provided in the examples, how would you specify intentional value sets to describe the following outpatient care encounters. In the event you find that the value sets above do not have the concepts/codes you would use, please state that and let us know what would need to be included that is currently missing.

### Example #1

- Intervention for immediate wellbeing for a patient diagnosed with HIV/AIDS

### Example #2

- Preventative care for hypertension by taking a patient's blood pressure.

Some strategies to assist in developing an intentional value set include:

- Reference a head concept and its subordinate concepts in a hierarchy.
- Reference only the concepts subordinate to a head code (and not the head code itself).
- Create arbitrarily complex unions, intersections, and exclusions of the two previously described types of value sets.

Thank you very much for your time!