



NATIONAL
QUALITY FORUM

Improving Diagnostic Accuracy 2016-2017

Orientation Call

December 5, 2016

Agenda

- Overview of NQF
- Project Objectives, Activities and Timeline
- Role of the Committee, co-chairs, NQF staff
- Introduction to Framework
- Environmental Scan Overview
- SharePoint Overview
- Opportunity for Public Comment
- Next steps

Welcome and Introductions

NQF Project Staff

- Helen Burstin, MD, MPH, Chief Scientific Officer
- John Bernot, MD, Senior Director
- Tracy Lustig, DPM, MPH, Senior Director
- Andrew Lyzenga, MPP, Senior Director
- Christy Skipper, MS, Project Manager
- Vanessa Moy, MPH, Project Analyst

Committee Panel

- *Mark Graber, MD, FACP, Co-Chair*
- *Missy Danforth, Co-Chair*
- Jennifer Campisano, JD
- Michael Dunne, PhD
- David Grenache, PhD
- Helen Haskell, MA
- Carlos Higuera-Rueda, MD
- Marilyn Hravnak, RN, PhD, ACNP-BC, FCCM, FAAN
- Mira Irons, MD
- Nicholas Kuzma, MD
- Kathryn McDonald, PhD
- Prashant Mahajan, MD, MPH, MBA
- Lavinia Middleton, MD
- David Newman-Toker, MD, PhD
- Martha Radford, MD
- David Seidenwurm, MD
- Thomas Sequist, MD
- Susan Sheridan, MIM, MBA, DHL
- Hardeep Singh, MD, MPH

Federal Liaisons (Non-Voting Committee Representatives)

- Centers for Medicare & Medicaid Services
 - *Marsha R. Smith, MD, MPH, FAAP*
- Agency for Healthcare Research and Quality
 - *Rear Admiral Jeff Brady, MD, MPH*
 - *Kerm Henriksen, PhD*

Meeting Objectives

Meeting Objectives

- Provide a brief orientation to the National Quality Forum
- Review roles, Committee charge, project objectives, and activities
- Review timeline of project
- Preview framework
- Preview the environmental scan methodology

Overview of the National Quality Forum

The National Quality Forum (NQF)

Established in 1999, NQF is a non-profit, non-partisan, membership-based organization that brings together public and private sector stakeholders to reach consensus on healthcare performance measurement. The goal is to make healthcare in the U.S. better, safer, and more affordable.

Mission: To lead national collaboration to improve health and healthcare quality through measurement.

NQF Mission



Activities in Multiple Measurement Areas

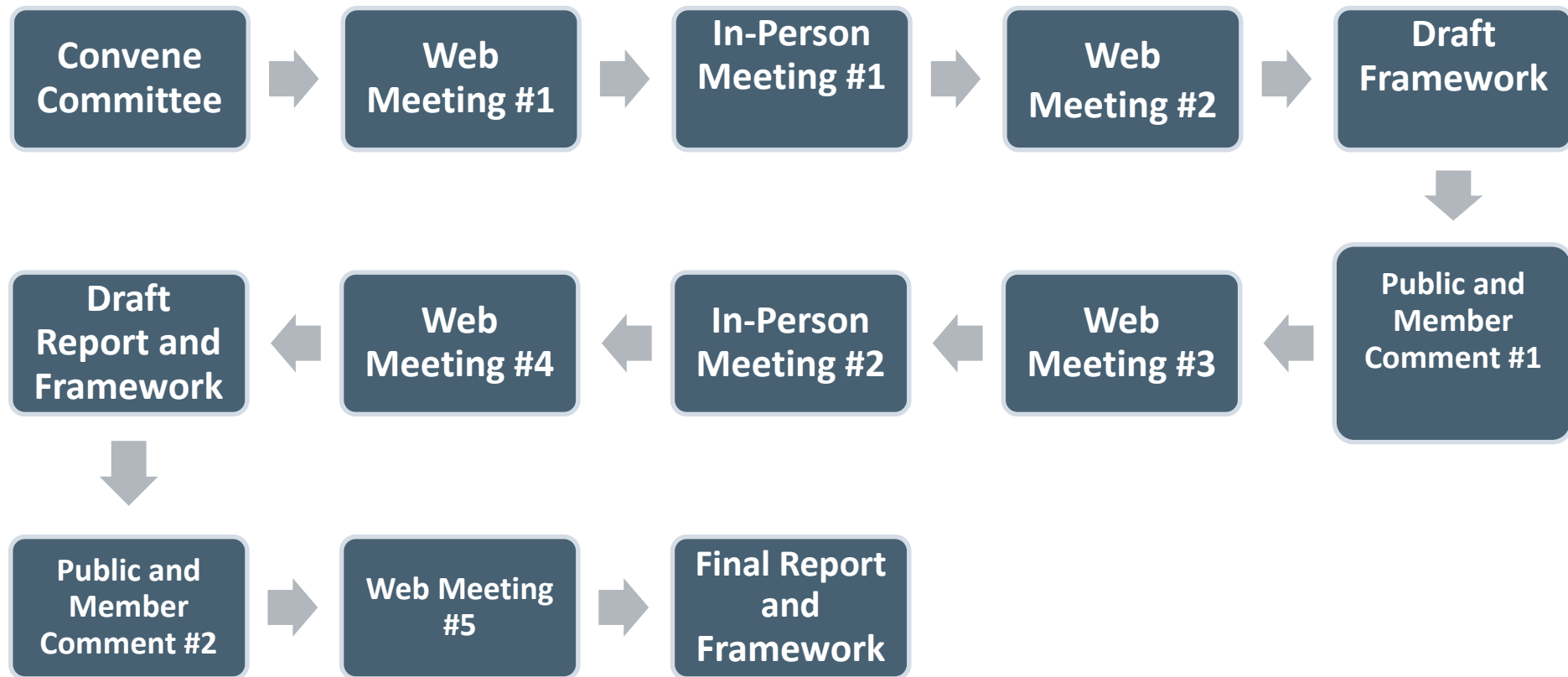
- **Performance Measure Endorsement**
 - *600+ NQF-endorsed measures across multiple clinical areas*
 - *11 empaneled standing expert committees*
- **Measure Applications Partnership (MAP)**
 - *Advises HHS on selecting measures for 20+ federal programs, Medicaid, and health exchanges*
- **National Quality Partners**
 - *Convenes stakeholders around critical health and healthcare topics*
 - *Spurs action on patient safety, early elective deliveries, and other issues*
- **Measurement Science**
 - *Convenes private and public sector leaders to reach consensus on complex issues in healthcare performance measurement such as attribution, alignment, sociodemographic status (SDS) adjustment*

Project Objectives and Timeline

Project Objectives

- Develop a conceptual framework for measuring healthcare organization structures, processes, and outcomes that address the improvement of diagnostic accuracy
- Identify any existing measures or measure concepts consistent with the conceptual framework that could be used to measure baseline status and improvement of healthcare organizational efforts to improve diagnostic accuracy
- Use National Academies of Sciences, Engineering, and Medicine's (NASEM) Improving Diagnosis in Health Care report as a guide

Project Activities and Timeline



Roles and Responsibilities

Role of the Committee

- Serve as experts working with NQF staff to achieve goals of the project
- Review meeting materials and participate in all meetings and web meetings
- Guide and provide input on:
 - *Environmental Scan (e.g. key words, measure concepts, etc.)*
 - *Development of the conceptual framework*
 - *Identification and prioritization of measures or measure concepts related to diagnostic accuracy*
- Provide recommendations for future activities related to measurement of diagnostic accuracy

Role of the Co-Chairs

- Facilitate Committee meetings and participate as Committee members
- Guide and keep the Committee discussions relevant to project scope without hindering critical discussion/input
- Represent the Committee at CSAC meetings
- Assist NQF in anticipating questions and identifying additional information that may be useful to the Committee
- Work with NQF staff to achieve project goals

Role of NQF Staff

- NQF project staff will work with the Committee to achieve the goals of the project and includes:
 - *Organize and staff Committee meetings and conference calls*
 - *Ensure communication among all project participants*
 - *Prepare materials for Committee review*
 - *Maintain documentation of project activities*
 - *Facilitate necessary communication and collaboration between different NQF projects and external stakeholders*
 - *Publish final project report*

NQF Members and the Public at Large

- **NQF membership and the public will engage in the work by:**
 - *Reviewing the draft reports and providing feedback to NQF and the Committee*
 - *Participating in web meetings and in-person meetings during opportunities for public comment*

Introduction to the Diagnostic Accuracy Framework

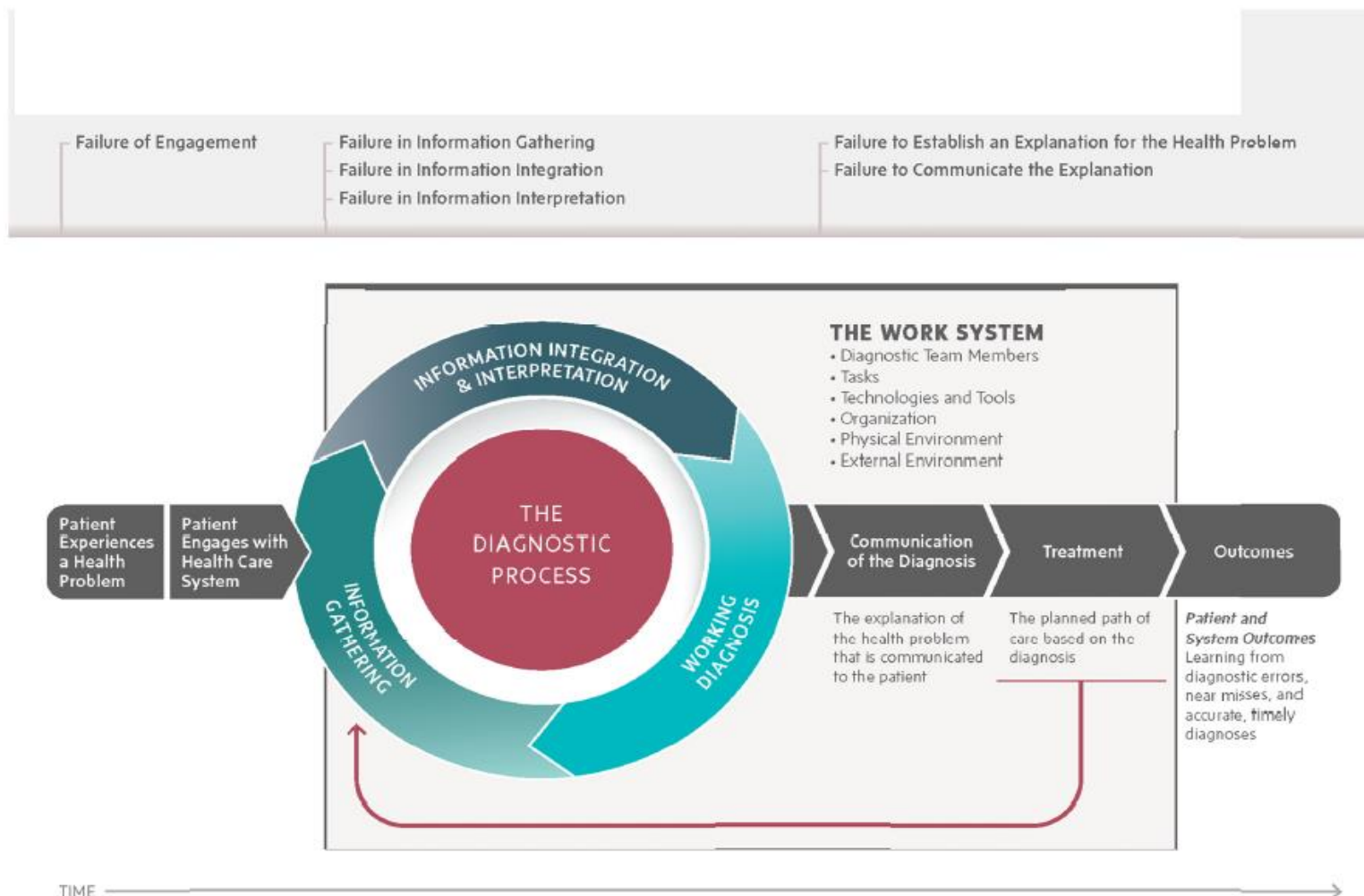


FIGURE 3-2 Places in the diagnostic process where failures can occur that contribute to diagnostic errors.

1 National Academies of Sciences, Engineering, and Medicine. 2015. *Improving diagnosis in health care*. Washington, DC: The National Academies Press.

Application of Framework

Measure	Framework Domain					
	Failure of Engagement	Failure in Information Gathering	Failure in Information Integration	Failure in Information Interpretation	Failure to Establish an Explanation of the Health Problem	Failure to Communicate the Explanation
<ul style="list-style-type: none"> Percentage of children diagnosed with epilepsy who still had that diagnosis at 1 year 	X	X	X	X	X	
<ul style="list-style-type: none"> Percentage of patients with a diagnosis of COPD who had spirometry testing to establish COPD diagnosis 		X				
<ul style="list-style-type: none"> Percentage of healthcare professionals who affirm that in their unit or area information affecting a patient diagnosis is always communicated clearly and rapidly to all professionals involved in the care of that patient 			X			

Environmental Scan

Environmental Scan Overview

- Identify measures of diagnostic error and other approaches to assess or monitor the accuracy of diagnosis

Research Questions

- What evidence-based metrics exist for evaluating diagnostic accuracy?
- What are the current approaches to identifying, learning from, and reducing or avoiding diagnostic errors?
- What conceptual and measurement gaps exist with respect to diagnostic accuracy?
- What outcomes might be associated with errors in diagnosis?
- What are organizations doing to establish a work system that supports the diagnostic process? How are organizations facilitating more effective teamwork and communication among health professionals, patients, and families?

Literature Review

- Identify existing structure, process, and outcome measures, including those that are in testing, development, or in use to improve diagnostic accuracy
- Information Sources
 - *PubMed*
 - *Grey Literature (i.e., academic or policy literature that is not commercially published)*
 - » *Government publications (e.g., federal or state agency reports, rules and regulations, etc.)*
 - » *Reports or publications from foundations, associations, or non-profit groups*
 - » *Conference papers, abstracts, or proceedings*
 - » *Key informant interviews*
 - *Measures Inventory*

Measures Inventory

- AHRQ National Quality Measures Clearinghouse and National Guidelines Clearinghouse
- Health Indicators Warehouse
- CMS Measures Inventory
- NQF Endorsed Measures

Keywords

- Diagnostic errors
- Diagnosis errors
- Diagnostic process
- Diagnostic performance
- Diagnostic uncertainty
- Diagnostic accuracy
- Diagnostic safety
- Medical error
- Latent error
- Near misses
- Adverse event
- Misdiagnosis
- Missed diagnosis
- Safety Culture

Committee Discussion


- Are there other key words to include in the search?
- Do you know of any reports or work underway that we should review?

SharePoint Overview

http://staff.qualityforum.org/Projects/Diagnostic%20Accuracy/SitePages/Home.aspx Diagnostic Accuracy - Home

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	Copy of Improving Diagnosis in Health Care	9/21/2016 12:12 PM	Christy Skipper

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Next Steps for Improving Diagnostic Accuracy

Meeting	Date/Time
In-Person Meeting #1 (2 days)	January 10-11, 2017
Web Meeting #2	January 17, 2017 2 pm-4 pm ET
NQF 30-day Public Comment	January 20-February 21, 2017
Web Meeting #3	March 16, 2017 1 pm-3 pm ET
<i>In-Person Meeting #2 (2 days)</i>	<i>April 12-13, 2017</i>
Web Meeting #4	April 18, 2017 2 pm-4 pm ET
NQF 30-day Public Comment	May 16-June 14, 2017
Web Meeting #5	June 27, 2017 1 pm-3 pm ET
Final Report	September 2017

Project Contact Information

- Email: diagnosticaccuracy@qualityforum.org
- NQF Phone: 202-783-1300
- Project page:
[http://www.qualityforum.org/Improving Diagnostic Accuracy 2016-2017.aspx](http://www.qualityforum.org/Improving_Diagnostic_Accuracy_2016-2017.aspx)
- Share Point:
<http://share.qualityforum.org/Projects/Diagnostic%20Accuracy/SitePages/Home.aspx>

Questions?

Thank you.