



Scientific Methods Panel In-Person Meeting

June 11, 2019

8:00 am – 5:00 pm ET

National Quality Forum
1030 15th Street NW; 9th floor
Washington, DC 20005

Participant Instructions

Follow the instructions below 15 minutes prior to the scheduled start time.

1. Direct your web browser to the following URL:
<https://core.callinfo.com/callme/?ap=8007682983&ac=1951457&role=p&mode=ad>.
2. Scientific Methods Panel members and public participants dial **1-800-768-2983**; then dial the access code when prompted: **1951457**.

Meeting Objectives

- Reach consensus on methodologic issues related to reliability
- Reach consensus on methodologic issues related to validity
- Discuss potential recommendations for changes to the NQF measure evaluation criteria and guidance
- Discuss ideas for disseminating Panel recommendations
- Discuss updates on Panel processes
- If time allows, provide a brief informational update on other methodologic efforts at NQF

8:00 am

Breakfast

8:30 am

Welcome, Introductions, and Review of Meeting Objectives

David Cella, PhD, Co-chair

David Nerenz, PhD, Co-chair

Karen Johnson, MS, Senior Director, NQF

8:45 am

Updates

- Updates on measures evaluated to date
- Update on expected measures/timing for the fall 2019 cycle
- Update on white papers

Karen Johnson

Larry Glance

David Nerenz

9:00 am

Reliability

- Data element reliability
 - Review current definition
 - Discuss internal consistency and test-retest approaches
- Score-level reliability
 - Review current definition
 - Discuss concept of reliability as likelihood of misclassification vs. ability to distinguish differences
 - Finalize expectations for approaches to demonstrate score-level reliability
 - Discuss how to interpret reliability estimates that are derived from different analytic approaches
 - Discuss any issues/questions/concerns from white papers to date
 - Consider whether/how score-level reliability depends on data element reliability
 - Reliability for measures of rare events

10:30 am

Break

10:45 am

Reliability, continued

12:30 pm

NQF Member and Public Comment

12:45 pm

Lunch

1:15 pm

Validity

- Data element validity
 - Review current definition
 - Consider how to think about the concepts underlying the data elements
- Score-level validity
 - Review current definition
 - Discuss construct validation and what is a “good comparator”
 - Discuss whether some facets of validity should be the purview of the standing committees only
 - Discuss any issues/questions/concerns from white papers to-date
 - Discuss how to weigh face validity results when empirical validation is provided, including whether it should vary depending on whether data element or score-level validation is provided

2:45 pm

Break

3:00 pm

Measure Evaluation Criteria

Karen Johnson

- Brief overview of NQF’s evaluation criteria
- Should we require score-level reliability testing for all measures?
- Should we require data element validity testing for all measures?

- 3:30 pm** **Discussion of White Papers and Methods “Toolkit”**
- Discuss ideas for additional papers
 - Discuss approaches for making progress on toolkit
- Karen Johnson*
David Nerenz
David Cella
- 4:00 pm** **Scientific Methods Panel Process**
- David Nerenz*
Poonam Bal, MHSA, Senior Project Manager, NQF
- Review current process
 - Lessons learned from fall 2018 and spring 2019 evaluation cycles
 - Potential changes to the process
- 4:30 pm** **Brief Informational Update on Other Methodologic Efforts at NQF**
- Measure sets and Measurement systems
 - Disparities Committee
- David Nerenz*
- 4:50 pm** **NQF Member and Public Comment**
- 4:55 pm** **Next Steps**
- 5:00 pm** **Adjourn**