Is the Whole Greater than the Sum of its Parts?

Exploring the Need to Evaluate Measure Sets and Measurement Systems

April 23-24, 2019
Overview

- Current issues and opportunities in measurement
- Review of proposed new framework for measurement
  - *Definition of a measure set*
  - *Definition of a measurement system*
- Review of phase 1 work
- Overview of phase 2 work
- CSAC discussion
The Issues: Current Challenges in Measurement

- Transition to value
- Burden of measurement
- Lack of transparency
The Opportunity: A New Framework for a Quality Measurement Infrastructure

- Establish independent, transparent, and multistakeholder consideration of three interdependent levels of performance measurement:

  - **Individual Measures**:
    - Addresses some aspect of quality or cost of the healthcare system

  - **Measure Sets**:
    - Individual measures that are grouped based on intent

  - **Measurement Systems**:
    - Purpose-driven
    - Multiple elements combined in a particular way
What is a Measurement System?

- Objective
- Aggregation Methodology
- Incentive
- Attribution
- Risk Adjustment Approach
- Data
- Testing
Conceptual Framework: Quality Measurement Infrastructure

**Level 1: Individual Measures**

Example: NQF Measure 2158 Medicare Spending Per Beneficiary

**Level 2: Measure Sets**

Example: CMS Hospital Value-Based Purchasing Program (HVBP) uses a set of measures assessing four domains: safety, clinical care, efficiency and cost reduction, and patient experience.

**Level 3: Measurement Systems**

Example: Measures are aggregated as part of the HVBP program, and the score is used to determine hospital penalties or rewards.

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**Set 1**

- Measure A
- Measure B
- Measure C
- Measure F

**Set 2**

- Measure C
- Measure E

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**Objective**

- Measure Set

**Incentive Mechanism**

- Aggregation Rules

**Risk Adjustment**

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**Measure Set**

**Aggregation Rules**

**Risk Adjustment**

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**Objective**

- Measure Set

**Incentive Mechanism**

- Aggregation Rules

**Risk Adjustment**

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NQF Work on Measure Sets and Measurement Systems

Measure Sets
- Core Quality Measure Collaborative
- IHA Benchmarking
- Shatterproof Rating System for Addiction Treatment Programs Measure Set
- MAP Rural Health Measure Set

Measurement Systems
- Harvard Medical School/Laura and John Arnold Foundation project
- NQF Measurement Systems
Conclusion of Phase 1 - Measurement Systems

- NQF/Harvard Medical School white paper published on March 20
- NQF Annual Conference talks and panels
  - *Pioneering Pathways to Value*
    - Elisa Munthali, MPH, Senior Vice President for Quality Measurement, National Quality Forum
  - *New Approaches to Measurement – Measurement Systems*
    - Michael Chernew, PhD, Leonard D. Schaeffer Professor of Health Care Policy and the director of the Healthcare Markets and Regulation (HMR) Lab in the Department of Health Care Policy at Harvard Medical School
    - Jeffrey Rideout, MD, President and CEO, IHA
    - Gary Mendell, CEO, Shatterproof
    - Moderator - Aisha Pittman, MPH, Senior Director, Premier
Phase 2 - Project Overview

- Present-March 2020
- Convene a TEP
  - Develop standardized definitions
  - Define best practices and principles
  - Discuss data issues
  - Identify unintended consequences
- 10 web meetings
- Reports
  - Draft and final report on best practices and principles for measure sets
  - Draft and final report on best practices, principles, and criteria for measurement systems
Phase 2 – Evaluation of Measurement Systems

March 2019
- NQF Annual conference
- Present measure sets and measurement systems at the Annual conference

April-June 2019
- TEP Call for Nominations
- Measure Sets work

July-September 2019
- Publish draft recommendation for Measure Sets
- Public comment on draft recommendations for Measure Sets
- Finalize recommendations for Measure Sets
- Begin Measurement Systems work

October-December 2019
- Continue Measurement Systems work
- Publish draft recommendations for Measurement Systems

January-March 2020
- Public commenting period on draft recommendations for Measurement Systems
- Finalize recommendations for Measurement Systems
CSAC Discussion

- Does the CSAC have any guidance for the TEP as they begin their work?