Quality Measures Workgroup: MU3 Measures

May 6, 2014

Objective: Make recommendations on measures for meaningful use Stage 3.

The Framework

Health IT Policy Committee
A Public Advisory Body on Health Information Technology
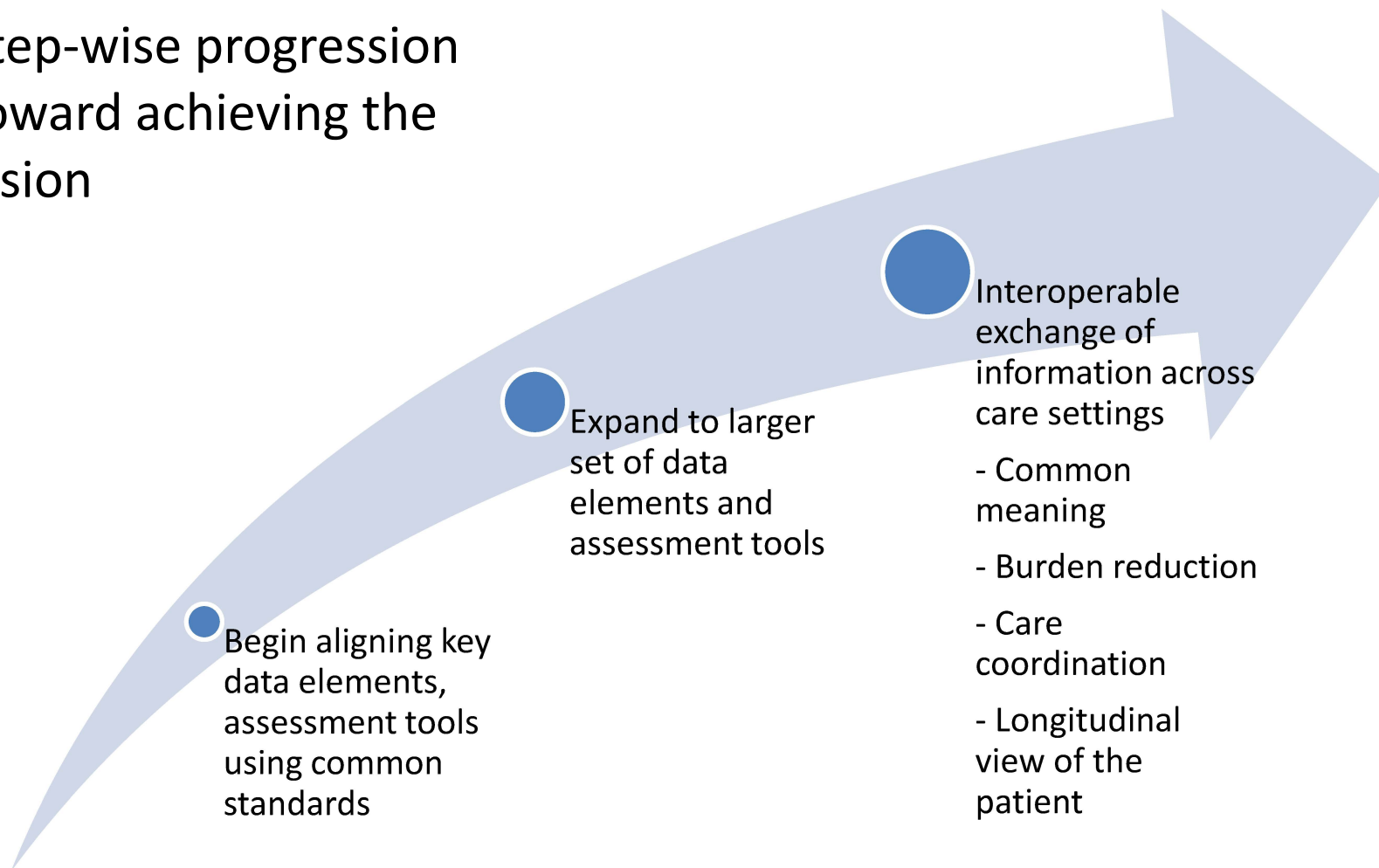to the National Coordinator for Health IT

Step-wise progression toward achieving the vision

Interoperable exchange of information across care settings

- Common meaning

- Burden reduction

- Care coordination

- Longitudinal view of the patient

Expand to larger set of data elements and assessment tools

Begin aligning key data elements, assessment tools using common standards

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- For many of the concepts that were completely new, the QMWG recommended developing process measures for MU1 and MU2 as a first step toward outcomes measures

- Some of the early process measures have informed the development of the next stage of measures

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- For MU3 recommendations, the QMWG reviewed Measures Under Development by CMS
- These measures will be fully e-specified by Fall 2014
  - Some are already available and open for public comment:
    - http://www.cms.gov/Medicare/Quality-Initiatives-Patient-Assessment-Instruments/MMS/CallforPublicComment.html
    - http://ushik.org/QualityMeasuresListing?draft=true&system=dcqm&sortField=570&sortDirection=ascending&enableAsynchronousLoading=true
- Some will be going through the feasibility and validity testing process
- Potential for approval for trial use
- NQF endorsement in time for the MU3 NPRM unlikely

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Analysis of QMWG Measure Concepts Crosswalk

Clinical Effectiveness

Efficient Use of Facilities	**0 Concepts**
Other	>3 Concepts

Patient & Family Engagement

Patient Health Outcomes	>3 Concepts
Self-Management/ Activation	0 Concepts
Patient Health Outcomes, Experience & Self-Management/ Activation	0 Concepts
Honoring Patient Preferences & Shared Decision Making	>3 Concepts

Effective Use of Resources

Assessment of Appropriate Medication & Treatment	>3 Concepts
Efficient Use of Diagnostic Tests	>3 Concepts

Patient Safety

Adverse Drug Event (ADE) Monitoring & Prevention	>3 Concepts
Falls Prevention	1-3 Concepts
Hospital Associated Conditions	0 Concepts
EHR Safety	0 Concepts

Population & Public Health

Healthy Lifestyle Behaviors	>3 Concepts
Effective Preventative Services	>3 Concepts
Health Equity	0 Concepts

Care Coordination

Effective Care Planning	0 Concepts
Care Transitions	>3 Concepts
Appropriate and Timely Follow Up	1-3 Concepts

(green)	>3 Concepts
(yellow)	1-3 Concepts
(red)	0 Concepts

Clinical Effectiveness Concepts by Subdomain

Subdomain	Concepts
Efficient Use of Facilities	None

Efficient Use of Resources Concepts by Subdomain

Subdomain	Concepts
Assessment of Appropriate Medication & Treatment	None
Efficient Use of Diagnostic Tests	• 3186: Overuse of imaging for Staging Breast Cancer at Low Risk of Metastasis • 3050: Overuse of Diagnostic Imaging for Uncomplicated Headache • 3051: Overuse of DXA scans for Osteoporosis Screening in Women

Recommendations for Future Development:
- Measures beyond imaging
- Measures for levels of care (e.g., ICU)

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Population & Public Health
Concepts by Subdomain
Note: *italicized* are new versions built on previous concepts

Subdomain	Concepts	
Healthy Lifestyle Behaviors	• 3295: Alcohol counseling/treatment for dependency • 3296: Intimate partner (domestic) violence screening • 3297: Alcohol screening and brief intervention (ASBI) in the ER • 3041: Annual wellness assessment - Assessment of health risks • 3042: Annual wellness assessment - Management of health risks • 3167: Annual wellness assessment - Reduction of health risks • 3170: Annual wellness assessment - Goal setting to reduce identified risks	
Effective Preventative Services	• *3301: Tobacco Cessation Help for Adolescents & 3474: Tobacco use and help with quitting among adolescents* • *3548: Hepatitis B Vaccine Coverage among All Live Newborn Infants Prior to Hospital or Birthing Facility Discharge* • *3549: Pre-school vision screening in the medical home* • *3012: Human Papillomavirus Vaccine for Female Adolescents*	• 3293: Oral Health: Children aged 6-9 years who receive sealants in the first permanent molar • 3294: Oral Health: Children who receive a comprehensive or periodic oral evaluation in two consecutive years • 1978: Immunizations for Adolescents • *486: Influenza Immunization* • 329: HIV: Ever screened for HIV • 3300: HIV screening of STI patients
Health Equity	None	

Note: The WG supports that measures should be stratifiable by disparities or special populations in MU3.

Recommendations for Future Development: Time to access to language and interpreter services

Patient & Family Engagement
Concepts by Subdomain
Note: *italicized* are new versions built on previous concepts

Subdomain	Concepts
Patient Health Outcomes	• 3286: Functional status assessment and improvement for patients who received a total knee replacement • 3288: Functional status assessment and improvement for patients who received a total hip replacement • 3319: Improvement in pain among children • *3280: Pediatric ADHD Outcome Measure* • *3316: Improvement in symptoms among children with ADHD*
Self-Management/Activation	None
Patient Health Outcomes, Experience & Self-Management/Activation	None
Honoring Patient Preferences & Shared Decision Making	• *3168: Functional status assessments and goal setting for patients for asthma* • *3169: Functional status assessments and goal setting for patients with chronic obstructive pulmonary disease* • *3287: Functional status assessment and goal achievement for patients with congestive heart failure* • *3052: Functional status assessment and goal setting in patients with rheumatoid arthritis* • *3053: Functional status assessment and goal setting for chronic pain* • 3170: Annual wellness assessment - Goal setting to reduce identified risks

Recommendations for Future Development: Utilize PROMIS tools for specific and global measurement of patient reported outcomes

Care Coordination Concepts by Subdomain
Note: *italicized* are new versions built on previous concepts

Subdomain	Concepts
Effective Care Planning	• 3170: Annual wellness assessment - Goal setting to reduce identified risks
Care Transitions	• 3388: Continuity Assessment and Record Evaluation (CARE) modified for LTSS populations • *3283: Closing the Referral Loop - Critical information communicated with request for referral*
Appropriate & Timely Follow Up	• 3048: Coordinating Care with Emergency Departments

Note: The WG supports ongoing work to create a suite of care coordination measures on closing the referral loop from patient and payer perspective as well as provider.

Patient Safety Concepts by Subdomain
Note: *italicized* are new versions built on previous concepts

Subdomain	Concepts
Adverse Drug Event (ADE) Monitoring & Prevention	• 3160: Adverse Drug Events – Hypoglycemia • 3121: Adverse Drug Events: Hyperglycemia • 3040: Appropriate monitoring of patients receiving an opioid via an IV patient controlled analgesia device • 3164: Adverse Drug Events - Anticoagulant induced bleeding events • 3323: Adverse Drug Events: Inappropriate renal dosing • 3317: Antipsychotic Medication management - Laboratory Monitoring • 3318: Antipsychotic Medication Management - polypharmacy • 3185: Use of Antipsychotics in Very Young Children • 3282: Use of Multiple Concurrent Antipsychotics in Children • Overtreatment of diabetes in patients over 75 • 3289: ACE Prevention and Monitoring: Minimum INR Monitoring for Patients with Atrial Fibrillation on Warfarin • *3290: ADE Prevention and Monitoring: Warfarin Time in Therapeutic Range* • 845: Severe Sepsis and Septic Shock: Management Bundle
Falls Prevention	None
Hospital Associated Conditions	• 3182: Rate of readmission to the ICU within 48 hours
HIT Safety	None

Recommendations for Future Development:
- **Drug-drug interaction measures and/or linked to CDS**
- **Global measure of safe use of medications/medication prescribing**

Broader Recommendations & Needs

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- CDS in lieu of or linked to a measure
- Way to measure patient's experience of care coordination through CAHPS – need a way to connect to this data
- Composite global measures
- Standards to support transport of data elements (goal setting, care coordination)
- Platform for PROs – PROMIS
- Building in PGHD into measures