

Behavioral Health eMeasures Depression – Meeting 1

Technical Expert Panel • April 30, 2012



Health in the 21st Century

MITRE

Agenda

- **Welcome (10 minutes)**
 - Roll Call – Private Sector/Federal Staff
- **Quality Measure Topic (15 minutes)**
- **Components of a Good Quality Measure (15 minutes)**
- **Review Work to Date (15 minutes)**
 - Last Week’s Domain Focus Measures: Suicide and Trauma
 - Workshop Feedback
- **Today’s Domain Focus (20 minutes)**
 - Autism
- **Next Steps and Questions (10 minutes)**
 - “Office Hours” Wednesdays 3pm-4pm



Roll Call

Core Team

■ SAMHSA

- Westley Clark, MD
- Maureen Boyle, PhD (TEP Co-lead)
- Ken Salyards
- Bob Stephenson

■ ONC

- Jesse James, MD
- Kevin Larsen, MD
- Lauren Richie (TEP Co-lead)
- Anca Tabakova
- Kate Tipping

■ CMS

- Carrie Feher

■ MITRE

- Beth Halley
- Nicole Kemper
- Saul Kravitz
- Maggie Lohnes
- Denise Sun
- Jocelyn Tafalla

Technical Expert Panel- Community

Gavin	Bart	University of Minnesota- Hennepin County Medical Center
Rhonda	Beale	Chief Medical Officer @ OptumHealth Behavioral Solutions
Lyndra	Bills	Associate Medical Director for the Northeast Pennsylvania
Gregory	Brown	UPenn
Mady	Chalk	Treatment Research Institute (TRI)
Kate	Comtois	Harborview Medical Center
Geri	Dawson	Autism Speaks
Vincent	Felitte	Kaiser Permanente
Deborah	Garnick	Brandeis U Heller School
Frank	Ghinassi	UPMC
Eric	Goplerud	NORC
Rob	Gore-Langton	EMMES
Constance	Horgan	Brandeis U Heller School
Anna Mabel	Jones	Oxford House, Inc.
Rachel	Kimerling	Veterans Administration

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Technical Expert Panel - Community (Cont.)

Alex	Krist	Community Physician
Robert	Linblad	EMMES
Cathy	Lord	Institute for Brain Development, NY-Presbyterian Hosp
A Thomas	McLellan	Treatment Research Institute
LaVerne	Miller	Policy Research Associates, Delmar, New York
Daniel	Mullin	UMass MHC
Keris	Myrick	Project Return Peer Support Network
Harold	Pincus	Columbia University
Charlie	Reznikoff	University of Minnesota- Hennepin County Medical Center
Lucy	Savitz	Intermountain Healthcare
Robert	Schwartz	Friends Research Institute
Cheryl	Sharp	National Council for Community Behavioral Healthcare
Morton	Silverman	EDC
Piper	Svensson-Ranallo	University of Minnesota Institute for Health Informatics
Thomas	Swales	MetroHealth System/ Case Western Reserve University
Amy	Wetherby	Florida State University
Charles	Willis	Statewide Peer Wellness Initiative/GA Mental Health Consumer Network

Subgroup Members – Federal Staff

ALCOHOL (3)		
Last Name	First Name	Agency
Boyle	Maureen	SAMHSA
Corbridge	Ian	HRSA
Cotter	Frances	SAMHSA
Dowling	Gaya	NIH/NIDA
Faden	Vivian	NIH/NIAAA
Forman	Reed	SAMHSA
Harris	Alex	VA
Lide	BJ	NIST
Lowman	Cheryl	NIH
McKnight-Eily	Lela	CDC
Tai	Betty	NIH/NIDA

AUTISM (2)		
Last Name	First Name	Agency
Blum	Alex	NIH
Boyle	Maureen	SAMHSA
Gilotty	Lisa	NIH
Kau	Alice	NIH/NICHD
Kavanagh	Laura	HRSA
Smith	Camille	CDC/ONDIEH/NCBDDD
Rice	Catherine	CDC/ONDIEH/NCBDDD
Wolf	Rebecca	CDC/ONDIEH/NCBDDD

DEPRESSION (6)		
Last Name	First Name	Agency
Alemu	Girma	HRSA
Azrin	Susan	NIH/NIMH
Boyle	Maureen	SAMHSA
Cotter	Fran	SAMHSA
Feher	Carrie	CMS
Harris	Yael	HRSA
LeFauve	Charlene	SAMHSA
Ross	Alex	HRSA

SUBSTANCE ABUSE (2)		
Last Name	First Name	Agency
Boyle	Maureen	SAMHSA
Dowling	Gaya	NIH/NIDA
Ghitza	Udi	NIH/NIDA
Lee	Jinhee	SAMHSA
Reuter	Nick	SAMHSA
Sivilli	June	ONDCP
Tai	Betty	NIH/NIDA

SUICIDE (2)		
Last Name	First Name	Agency
Boyle	Maureen	SAMHSA
Crosby	Alex	CDC
Grenier	Denise	IHS
Lysell	Katy	VA
McKeon	Richard	SAMHSA
Mullen	Mariquita	HRSA
Weglicki	Linda	NIH/NINR

TRAUMA (0)		
Last Name	First Name	Agency
Boyle	Maureen	SAMHSA
Cotton	Beverly	IHS
DeVoursney	David	SAMHSA
Harvell	Jennie	ASPE
Herne	Mose	IHS
Huang	Larke	SAMHSA
Ross	Alex	HRSA
Salyards	Ken	SAMHSA
Young	Elise	HRSA

Bold = Lead
(#) = High Priority Measures

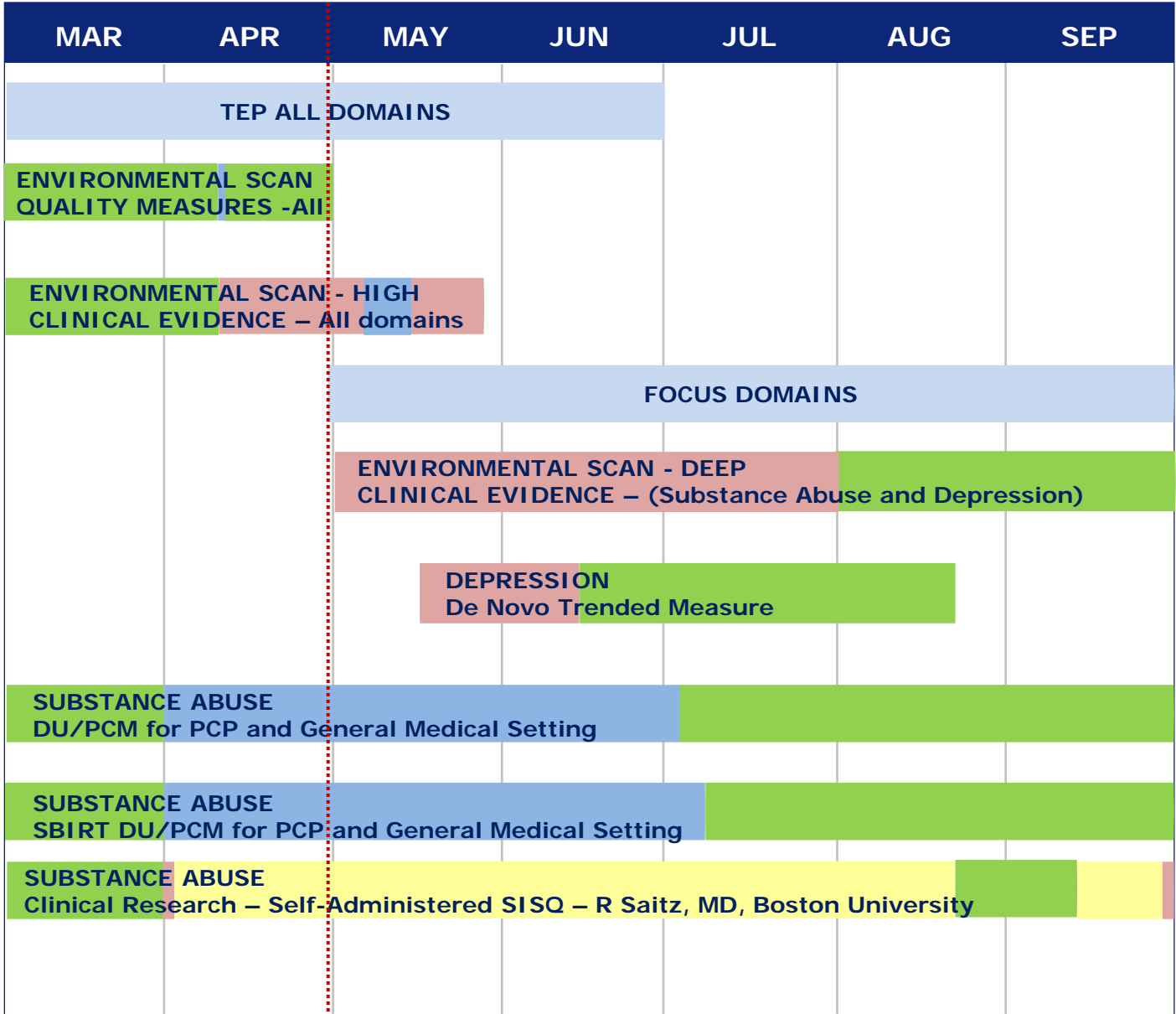
Technical Expert Panel (TEP) Schedule

MITRE

TEP

Subcontractor:
Literature Search

Subcontractor:
R. Saitz, MD



FULL MEETING SCHEDULE and TOPICS

WEEK #	MEETING DAYS	TOPIC
1	OPTION 1: 4/9: 1:00pm-3:00pm OPTION 2: 4/12: 12:30pm–2:30pm	KICK-OFF
2	4/16 3-4:30pm Eastern	Suicide/Trauma – Meeting 1
3	4/23 3-4:30pm Eastern	Autism – Meeting 1
4	4/30 3-4:30pm Eastern	Depression – Meeting 1
5	5/7 3-4:30pm Eastern	Drugs/Alcohol – Meeting 1
6	5/14 3-4:30pm Eastern	Suicide/Trauma – Meeting 2
7	5/22 2:30-4:00pm Eastern TUESDAY	Autism – Meeting 2
8	5/29 3-4:30pm Eastern TUESDAY	Depression – Meeting 2
9	6/4 3-4:30pm Eastern	Drugs/Alcohol – Meeting 2
10	6/11 3-4:30pm Eastern	Suicide/Trauma – Meeting 3
11	6/18 3-4:30pm Eastern <i>*NOTE: Date may be moved to 6/19</i>	Autism – Meeting 3

FOCUS MEETING SCHEDULE and TOPICS

WEEK #	MEETING DAYS	TOPIC
12	6/25 3-4:30pm Eastern	Depression - Meeting 3
13	7/2 3-4:30pm Eastern	Drugs/Alcohol–Meeting 3
14	7/9 3-4:30pm Eastern	Depression
15	7/16 3-4:30pm Eastern	Drugs/Prescription Drug Misuse
16	7/23 3-4:30pm Eastern	Depression
17	7/30 3-4:30pm Eastern	Drugs/Prescription Drug Misuse
18	8/6 3-4:30pm Eastern	Depression
19	8/13 3-4:30pm Eastern	Drugs/Prescription Drug Misuse
20	8/20 3-4:30pm Eastern	Depression
21	8/27 3-4:30pm Eastern	Drugs/Prescription Drug Misuse
22	9/3 3-4:30pm Eastern	Depression
23	9/10 3-4:30pm Eastern	Drugs/Prescription Drug Misuse
24	9/17 3-4:30pm Eastern	Depression
25	9/24 3-4:30pm Eastern	Drugs/Prescription Drug Misuse

TEP Specialty Selections

1. Please select all Behavioral Health specialties for your areas of expertise or interest - choose as many as you wish



Create Chart



Download

		Response Percent	Response Count
Autism		16.7%	2
Depression		58.3%	7
Substance Abuse: Drugs		75.0%	9
Substance Abuse: Alcohol		66.7%	8
Suicide		41.7%	5
Trauma		25.0%	3
		Name	10
		Show Responses	
		answered question	12
		skipped question	0



Quality Measure Overview

Domain Review Process

■ Meeting 1

- Outcome: Familiarity with Current Measures
- Review Recommended NQF-Endorsed High Priority Measures
- Introduce High-level Scan Non-Endorsed Measures (AHRQ Database)
- *Homework: Review AHRQ results*

■ Meeting 2

- Outcome: Non-Endorsed Measures Recommendations
- Review Homework
- Gain Consensus – Are there any non-endorsed measures that can be used
- Develop Questions for the Clinical Literature Search Scan
- *Homework: Receive/read Clinical Literature Search results*

■ Meeting 3

- Outcome: Select Promising Clinical Research
- Discuss Clinical Literature Search Results
- Gain Consensus – Is there any promising Clinical Research that can be used
- Develop outline for final recommendations
- *Homework: Approval final recommendations*

Clinical Quality Measures

“A standard for measuring the performance and improvement of population health or of health plans, providers of services, and other clinicians in the delivery of health care services.”

*Patient Protection and Affordable Care Act of 2010,
Title III, Part II of the Act (Sec. 3013)*

Components of a Good Quality Measure

- **Ultimate objective to improve outcomes**
- **Target intervention to ID patients most at risk**
- **Strong clinical relevance**
- **Solid base in clinical science**
- **No increased burden to provider**
- **For Primary Care Provider**
 - **Screening for referral**
 - **Best Value Mental Health Screening**

AHRQ Database Review Summary

■ Methodology for AHRQ Search:

- 10 discrete searches done for each domain
- Summary results reviewed for most valuable search criteria
- NQF endorsed measures removed
- Most relevant results shown on summary slides
- Notes provided on results that were omitted





Depression

AHRQ Environmental Scan Results

Environmental Scan - Domain : Depression

■ Keyword searches

- Depression
- Depression Screening – summary to follow
- Depression Risk Assessment – summary to follow

■ TEP Depression Sub-Group Goals for initial meetings:

- Identify an additional outcome measurement development and electronic specification
- Consensus recommendation on the priority next steps toward development of a comprehensive measure set that will address primary care based depression care as a whole including:
 - Screening
 - Follow-up
 - Intervention
 - Outcome Measurement

■ Development of a trended outcome measure will begin in June

Domain: Depression (Keyword: Depression Screening) – Environmental Scan

Search Criteria: Depression Screening

- 60 results initially identified
 - 19 removed (NQF endorsed)
- Final pool = 41 results for review

Full List of Original Results*

(*includes NQF endorsed measures)

[Click Here](#)

Search Criteria: Depression Screening and Hospitals

- 17 results initially identified
 - 0 removed (NQF endorsed)
- Final pool = 17 results for review

Full List of Original Results*

(*includes NQF endorsed measures)

[Click Here](#)

Domain: Depression (Keyword: Depression Screening) – Top Results

Prioritized Result Summary	
1	<u>Depression: percent of Veterans with a positive score on the PHQ-2, PHQ-9 or affirmative answer to Question 9 of the PHQ-9 during their annual depression screening, who have a disposition that is timely.</u> 2010 Oct. NQMC:006059 Veterans Health Administration - Federal Government Agency [U.S.]
2	<u>Behavioral health: percent of eligible patients screened annually for depression.</u> 2010 Oct. NQMC:006011 Veterans Health Administration - Federal Government Agency
3	<u>Depression: the percentage of patients on the diabetes register and/or coronary heart disease (CHD) register for whom case finding for depression has been undertaken on one occasion during the previous 15 months using two standard screening questions.</u> 2009 Mar. [NQMC Update Pending] NQMC:005108 British Medical Association - Medical Specialty Society; National Health Service (NHS) Confederation - National Government Agency [Non-U.S.]
4	<u>Depression: percent of Veterans with a positive score on the PHQ-2, PHQ-9 or affirmative answer to Question 9 of the PHQ-9 during their annual depression screening, who have a disposition.</u> 2010 Oct. NQMC:006058 Veterans Health Administration - Federal Government Agency [U.S.].
5	<u>Major depression in adults in primary care: percentage of patients with diabetes with documentation of screening for depression.</u> 2010 May. [NQMC Update Pending] NQMC:006171 Institute for Clinical Systems Improvement - Nonprofit Organization
6	<u>Cardiac rehabilitation: percentage of patients in the healthcare system's cardiac rehabilitation program(s) who meet the specified performance measure criteria for depression.</u> 2007 Sep. NQMC:003782 American Association of Cardiovascular and Pulmonary Rehabilitation/American College of Cardiology Foundation/American Heart Association.

Domain: Depression (Keyword: Depression Screening and Hospitals) – Top Results

Prioritized Result Summary	
1	<u>Depression: percent of Veterans with a positive score on the PHQ-2, PHQ-9 or affirmative answer to Question 9 of the PHQ-9 during their annual depression screening, who have a disposition that is timely.</u> 2010 Oct. NQMC:006059 Veterans Health Administration - Federal Government Agency [U.S.].
2	<u>Behavioral health: percent of eligible patients screened annually for depression.</u> 2010 Oct. NQMC:006011 Veterans Health Administration - Federal Government Agency [U.S.]
3	<u>Behavioral health: percent of eligible patients screened annually for depression AND if positive PHQ-2 or PHQ-9 result or affirmative response to Q9 of the PHQ-9 and percent of eligible patients screened at required intervals for PTSD AND if positive PC-PTSD result, have suicide risk evaluation completed within 24 hours.</u> 2010 Oct. NQMC:006013 Veterans Health Administration - Federal Government Agency [U.S.].
4	<u>Cardiac rehabilitation: percentage of patients in the healthcare system's cardiac rehabilitation program(s) who meet the specified performance measure criteria for depression.</u> 2007 Sep. NQMC:003782 American Association of Cardiovascular and Pulmonary Rehabilitation/American College of Cardiology Foundation/American Heart Association.

*Note: Results are duplicative. Abstracts state also appropriate for care setting of hospitals.

Domain: Depression (Keyword: Depression Risk Assessment and Ambulatory) – Environmental Scan

Search Criteria: Depression Risk Assessment and Ambulatory

- 58 results initially identified
 - 32 removed (NQF endorsed)
- Final pool = 26 results for review

Full List of Original Results*

(*includes NQF endorsed measures)

[Click Here](#)

Search Criteria: Depression Risk Assessment and Hospitals

- 10 results initially identified
 - 0 removed (NQF endorsed)
- Final pool = 10 results for review

Full List of Original Results*

(*includes NQF endorsed measures)

[Click Here](#)

Domain: Depression (Keyword: Depression Risk Assessment and Ambulatory) – Top Results

Prioritized Result Summary	
1	<p><u>Major depression in adults in primary care: percentage of patients whose symptoms are reassessed by the use of a quantitative symptom assessment tool (such as Patient Health Questionnaire [PHQ-9]) within three months of initiating treatment.</u> 2010 May. [NQMC Update Pending] NQMC:006168 Institute for Clinical Systems Improvement - Nonprofit Organization.</p>
2	<p><u>Major depression in adults in primary care: percentage of patients who have had a response to treatment at six months (+/- 30 days) after initiating treatment, e.g., have had a Patient Health Questionnaire (PHQ-9) score decreased by 50% from initial score at six months (+/- 30 days).</u> 2010 May. [NQMC Update Pending] NQMC:006169 Institute for Clinical Systems Improvement - Nonprofit Organization.</p>
3	<p><u>Major depression in adults in primary care: percentage of patients who have reached remission at six months (+/- 30 days) after initiating treatment, e.g., have any PHQ-9 score less than five after six months (+/- 30 days).</u> 2010 May. [NQMC Update Pending] NQMC:006170 Institute for Clinical Systems Improvement - Nonprofit Organization.</p>
4	<p><u>Major depression in adults in primary care: percentage of patients who have a depression follow-up contact within three months of initiating treatment.</u> 2010 May. [NQMC Update Pending] NQMC:006167 Institute for Clinical Systems Improvement - Nonprofit Organization.</p>
5	<p><u>Preventive screening and counseling on emotional health and relationship issues: average proportion saying "yes" to six items about whether provider(s) discussed/screened for feeling sad or depressed, school performance, friends, suicide and sexual orientation.</u> 2002 Jan. NQMC:000227 Child and Adolescent Health Measurement Initiative - Nonprofit Organization.</p>

Domain: Depression (Keyword: Depression Risk Assessment and Hospitals) – Top Results

Prioritized Result Summary	
1	<u>Cardiac rehabilitation: percentage of patients in the healthcare system's cardiac rehabilitation program(s) who meet the specified performance measure criteria for depression.</u> 2007 Sep. NQMC:003782 American Association of Cardiovascular and Pulmonary Rehabilitation/American College of Cardiology Foundation/American Heart Association
2	<u>Depression: percent of eligible patients screened annually for depression and if positive PHQ-2 or PHQ-9 result or affirmative response to Question 9 of the PHQ-9, who have suicide risk evaluation completed within 24 hours.</u> 2010 Oct. NQMC:006053 Veterans Health Administration - Federal Government Agency [U.S.].

*Note: Results are duplicative of results from previous searches. Abstracts state also appropriate for care setting of hospitals.

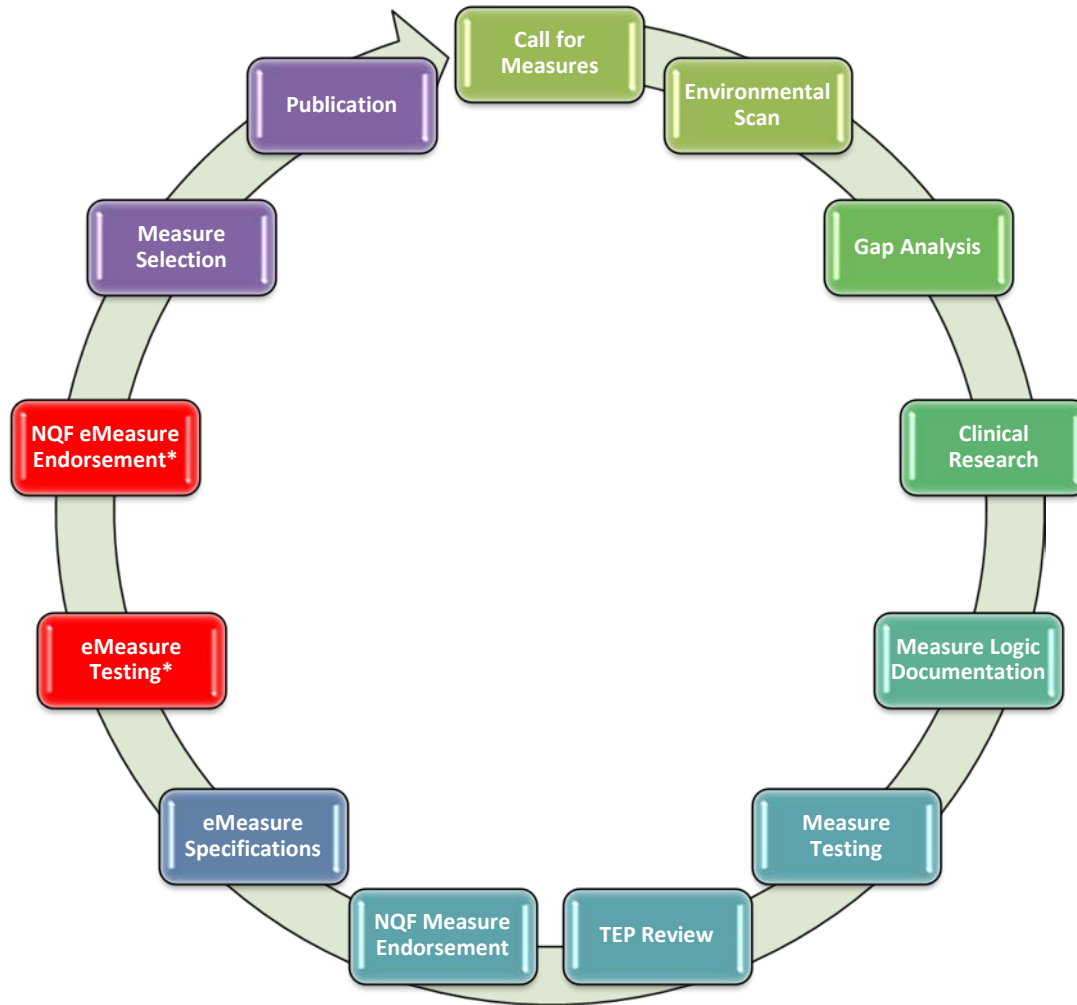
Potential questions for TEP discussion

- Are there any outcome measures, not already endorsed by NQF, that may be applicable?
- Are the VA measures extendable to general practice settings?
- Are additional measures needed for hospitals?



Addenda

Measure Development Process



MITRE depiction of combined CMS Blueprint v8 and NQF processes
* Developing industry standard

eMeasure Titles and Descriptions

NQF	Title	Description
0109 CQAIMH	Bipolar Disorder and Major Depression: Assessment for Manic or Hypomanic Behaviors	Percentage of patients treated for depression who were assessed, prior to treatment, for the presence of current and/or prior manic or hypomanic behaviors.
0110 CQAIMH	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
0111 CQAIMH	Bipolar Disorder: Appraisal for Risk of Suicide	Percentage of patients with bipolar disorder with evidence of an initial assessment that includes an appraisal for risk of suicide.
1385 HRSA/ OHSU	Developmental Screening Using a Parent Completed Screening Tool (Parent report, Children 0-5)	The measure assesses whether the parent or caregiver completed a developmental screening tool meant to identify children at-risk for developmental, behavioral and social delays.
0576 NCQA	Follow-Up After Hospitalization for Mental Illness	percentage of discharges for members 6 years of age and older who were hospitalized for treatment of selected mental health disorders and who had an outpatient visit, an Intensive outpatient encounter or partial hospitalization with a mental health practitioner.

(Continued)

eMeasure Titles and Descriptions (cont.)

NQF	Title	Description
1401 NCQA	Maternal Depression Screening	The percentage of children who turned 6 months of age during the measurement year who had documentation of a maternal depression screening for the mother.
1406 NCQA	Risky Behavior Assessment or Counseling by Age 13	Percentage of children with documentation of a risk assessment or counseling for risky behaviors by the age of 13 Years. Four rates are reported: Risk Assessment or Counseling for Alcohol Use, Risk Assessment or Counseling for Tobacco Use, Risk Assessment or Counseling for Other Substance Abuse, Risk Assessment or Counseling for Sexual Activity
1507 NCQA	Risky Behavior Assessment or Counseling by Age 18	Percentage of children with documentation of assessment or counseling for risky behavior. Four rates are reported: assessment or counseling for alcohol use, tobacco use, other substance use, and sexual activity.
0580	Bipolar Antimanic Agent	Percentage of patients with newly diagnosed bipolar disorder who have received at least 1 prescription for a mood-stabilizing agent during the measurement year.

(Continued)

eMeasure Titles and Descriptions (cont.)

NQF	Title	Description
TBD TJC 1661	SUB-1 Alcohol Use Screening	Hospitalized patients 18 years of age and older who are screened during the hospital stay using a validated screening questionnaire for unhealthy alcohol use.
TBD TJC 1663	SUB-2 Alcohol Use Brief Intervention Provided or Offered and SUB-2a Alcohol Use Brief Intervention	The measure is reported as an overall rate which includes all hospitalized patients 18 years of age and older to whom a brief intervention was provided, or offered and refused, and a second rate, a subset of the first, which includes only those patients who received a brief intervention.

MU Stage 2 NPRM Proposed BH Measures

Measure Number	Title and Description	Domain
NQF 0004	Title: Initiation and Engagement of Alcohol and Other Drug Dependence Treatment: (a) Initiation, (b) Engagement	Clinical Process/ Effectiveness
NQF 0028	Title: Preventive Care and Screening Measure Pair: a. Tobacco Use Assessment, b. Tobacco Cessation Intervention	Population/ Public Health
NQF 0103	Title: Major Depressive Disorder (MDD): Diagnostic Evaluation	Clinical Process/ Effectiveness
NQF 0104	Title: Major Depressive Disorder (MDD): Suicide Risk Assessment	Clinical Process/ Effectiveness
NQF 0105	Title: Anti-depressant Medication Management: (a) Effective Acute Phase Treatment, (b) Effective Continuation Phase Treatment	Clinical Process/ Effectiveness
NQF 0106	Title: Diagnosis of attention deficit hyperactivity disorder (ADHD) in primary care for school age children and adolescents	Care Coordination
NQF 0107	Title: Management of attention deficit hyperactivity disorder (ADHD) in primary care for school age children and adolescents	Clinical Process/ Effectiveness
NQF 0108	Title: ADHD: Follow-Up Care for Children Prescribed Attention-Deficit/Hyperactivity Disorder (ADHD) Medication	Clinical Process/ Effectiveness
NQF 0110	Title: Bipolar Disorder and Major Depression: Appraisal for alcohol or chemical substance use	Clinical Process/ Effectiveness
NQF 0112	Title: Bipolar Disorder: Monitoring change in level-of-functioning	Clinical Process/ Effectiveness

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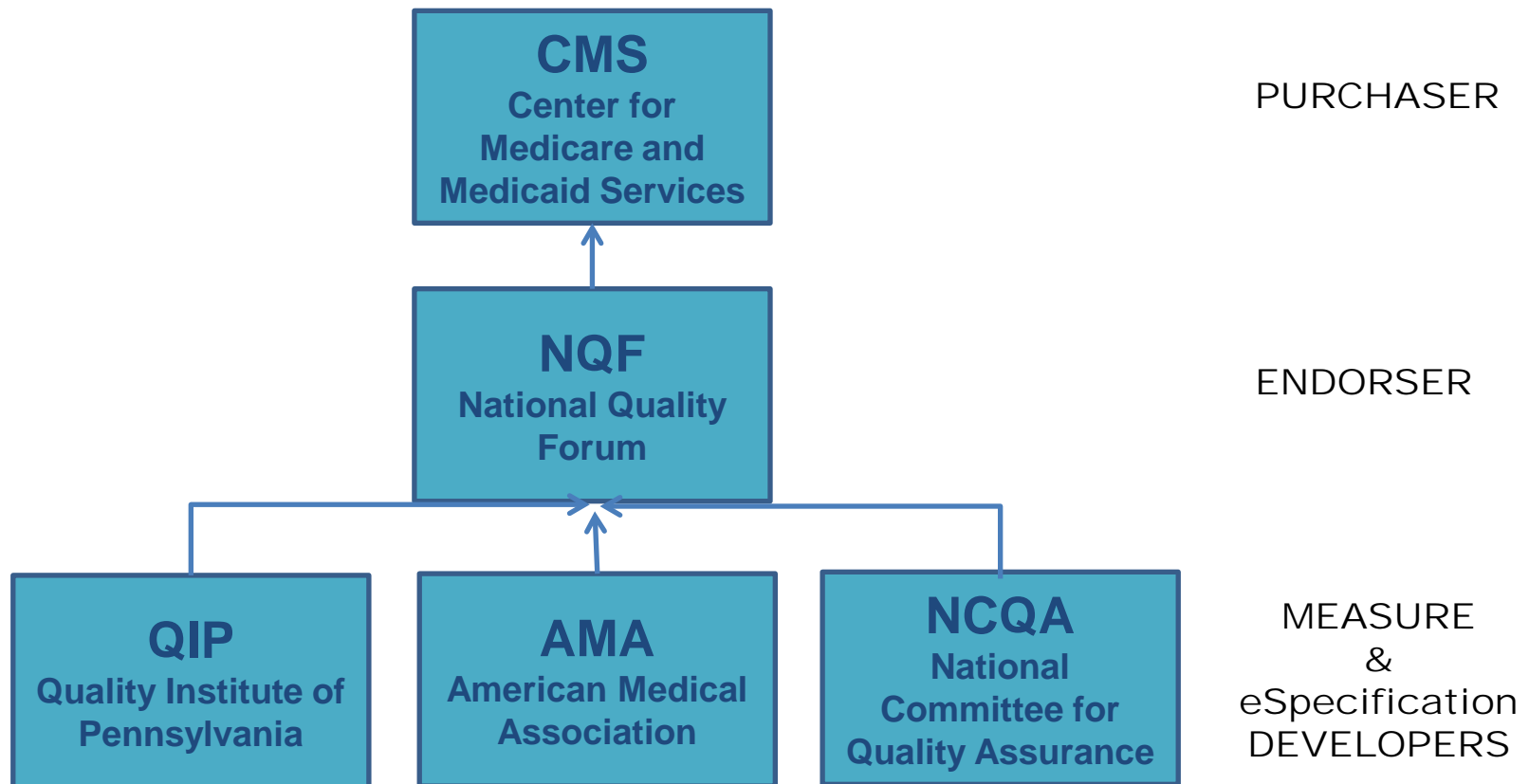
MU Stage 2 NPRM Proposed BH Measures (cont.)

Measure Number	Title and Description	Domain
NQF 0710	Title: Depression Remission at Twelve Months	Clinical Process/ Effectiveness
NQF 0711	Title: Depression Remission at Six Months	Clinical Process/ Effectiveness
NQF 0712	Title: Depression Utilization of the PHQ-9 Tool	Clinical Process/ Effectiveness
NQF 1365	Title: Child and Adolescent Major Depressive Disorder: Suicide Risk Assessment	Patient Safety
NQF 1401	Title: Maternal depression Screening	Population/ Public Health
TBD	Title: Depression screening and follow-up assessment using patient self-reported process	Patient and Family Engagement
TBD	Title: Closing the referral loop: receipt of specialist report	Care Coordination
NQF 0024	Title: Weight Assessment and Counseling for Nutrition and Physical Activity for Children and Adolescents Description	Population/ Public Health
NQF 0421	Title: Adult Weight Screening and Follow-Up Description	Population/Public Health

Definitions

- **Call for Measures:** A public announcement to the healthcare measures development community soliciting specific measures
- **Environmental Scan:** An examination of publically available information to identify references and resources; may be broad or focused
- **Gap Analysis:** Identification of focus areas requiring attention
- **Clinical Research:** Identification of best practice through clinical science
- **Measure Logic Documentation:** Narrative and/or human-readable definitions
- **Measure Testing:** A formal methodology to assure the feasibility, reliability and validity of measures
- **eMeasure Specifications:** Standardized electronic measures that are compatible with or 'readable' by electronic health record (EHR) systems
- **eMeasure Testing:** Process of assuring that the eMeasures Specifications can be optimally utilized by an EHR
- **National Quality Forum (NQF) Endorsement:** Currently the only consensus-based process for assuring standardized clinical measure quality
- **Technical Expert Panel:** Subject Matter Experts engaged to assure the clinical validity of measures
- **Publication:** Making available for public use

CQM Marketplace: Meaningful Use Stage 1 Example



Healthcare Measure Developers

- Agency for Healthcare Research and Quality (AHRQ)
- American Heart Association/ American College of Cardiology (AHA/ACC)
- American Medical Association/Physician Consortium for Quality Improvement (AMA/PCPI)
- Centers for Medicare and Medicaid Services (CMS)
- National Committee for Quality Assurance (NCQA) *Healthcare Effectiveness Data and Information Set (HEDIS)*
- Oklahoma Foundation for Medical Quality (OFMQ)
- Physician Consortium for Performance Improvement (PCPI) convened by the American Medical Association (AMA)
- The Joint Commission
- Others, including professional medical specialty organizations