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# **CMS EHR Incentive Programs Clinical Quality Measures Development**

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***February 3, 2012***





# Overview of Today's Presentation

- CMS CQM Work in Progress
- Status of NQF 113 Measure Set
- Meaningful Use Stage 2/3 Targeted Measures



# Mathematica Policy Research: EP eMeasures Contract

- Awarded June 8, 2011
- Base + 2 Option Years
- Main Tasks in SOW
  1. Retool Clinical Quality Measures (CQMs) for Stage 2
    - Includes updates of MU1 measures
    - Goal is common set of standards for eMeasures in the EHR program
  2. Develop de novo measures for Stage 3
    - Annual Wellness Visit measures
    - Outcomes measures
    - Address policy goals and identified gaps
  3. Test CQMs: retooled and de novo

# Proposed EP AWW Measures

## Risk assessment during the AWW

- Percentage of patients aged 65 years and older with an annual wellness visit who underwent evidence-based assessment of risk for prevention or early detection of chronic disease.

## Risk management resulting from the AWW

- Percentage of patients aged 65 years and older with an annual wellness visit whose risk was addressed during the measurement year based on evidence-based guidelines.

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NOTES: Based on the Medicare Annual Wellness Visit benefit.

Components of AWW include:

- Measurement of ht/wt/BMI/BP;
- Review of risk factors for depression;
- Review of functional status and level of safety;
- Establishment of written screening schedule based on USPSTF recommendations and Advisory Committee on Immunization Practices;
- Establishment of a list of risk factors for which primary/secondary/tertiary interventions are recommended/underway and list of associated treatment options with risks/benefits of each;
- Furnishing of personalized health advice and referrals to health education or preventive counseling services or programs aimed at reducing identified risk factors and improving self-management

# EP Measure Development Timeline



6-month periods →	Jan – June 2012	July – Dec 2012	Jan – June 2013	July – Dec 2013	Jan – June 2014
AWV measures	Develop measures & specifications	Prepare for & begin field testing	Review & submit measures	N/A	N/A
MU-3 measures	Develop measure concepts	Develop measures & specifications	Alpha test & finalize specifications	Prepare for & begin field testing	Review & submit measures
TEP meetings	Jan 2012 March 2012 May 2012	Oct 2012	Jan 2013 March 2013	August 2013	Jan 2014 March 2014

## NOTES:

AWV measures planned to be developed over 18-month period. TEP meetings in Jan/Mar/May 2012 will help to refine AWV measure concepts down to measures with defined specifications. Oct 2012 TEP will review AWV measures testing plan; Jan/Mar 2013 TEPs will review preliminary and final testing results. We intend to submit the AWV measures for endorsement within the constraints of NQF's consensus development project schedule.

Additional new measures development is planned over a 30-month period, kicking off with measure concept brainstorming TEP Mar 2012, review of measure concepts (May 2012) and measures (Oct 2012) and specifications (Jan 2013). Alpha or formative testing consists of conducting focus groups of clinicians to solicit their input on draft measure specifications in selected clinical areas. Feedback from these focus groups will be used to refine draft measure specs for final review by TEP in Mar 2013. TEP will review new measures test plans in August 2013 and preliminary/final test results in 2014.



# ARRA HITECH EP TEP Members

**Shannon Sims, M.D., Ph.D. (Chair)**  
Rush University Medical Center

**Ayodola Anise, M.H.S.**  
The Brookings Institute

**Nate Bennett, M.D.**  
Preferred Primary Care Physicians

**William F. Groneman, M.H.A.**  
TriHealth, Inc.

**Samuel S. Spicer, M.D., M.M.M.**  
New Hanover Regional Medical Center

**Andy Steele, M.D., M.P.H., M.Sc.**  
Denver Health

**Jonathan P. Weiner, Dr.P.H., M.S.**  
Johns Hopkins Bloomberg School of Public Health

**Tanya T. Alteras, M.P.P.**  
National Partnership for Women & Families

**Jessica Bartell, M.D., M.S.**  
Epic

**Jason Colquitt**  
Greenway Medical Technologies

**Jon D. Morrow, M.D., M.B.A., M.A., F.A.C.O.G**  
General Electric Healthcare

**Rachelle Spiro, R.Ph., F.A.S.C.P.**  
Pharmacy e-Health Information Technology  
Collaborative

**Daniel Todd Rosenthal, M.D., M.Sc., M.P.H.**  
Inova Health Systems

**Thomas R. Williams, M.P.H., M.B.A., Dr.PH.**  
Integrated Healthcare Association

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NOTE: In addition to serving as chair of the TEP, Dr. Sims has participated as a test site for the feasibility testing.

# Abt Associates: Hospital eMeasures Contract



- Awarded July 8, 2011
- Base + 2 Option Years
- Main Tasks in SOW
  1. Retool Clinical Quality Measures (CQMs) for Stage 2
  2. Develop de novo (up to 5) measures for Stage 3
    - ADE monitoring of patients receiving IV respiratory depressants, including conscious sedation and patient controlled anesthesia
    - Outcomes Measures
  3. Test CQMs: retooled and de novo

# Lantana Consulting Group: Hospital eQuality Contract



- Awarded September 30, 2011
- Base + 3 Option Years
- Main Tasks in SOW
  1. Retool Clinical Quality Measures (CQMs) for Stage 2
  2. Define workflow for end-to-end CQM reporting process
  3. Develop white paper for recommendations to develop Outcomes Measures with EHR data source
  4. Update QRDA Category-1 DSTU Specification & Implementation Guide; Submit for HL7 Ballot Process
  5. Update HQMF DSTU Specification & Implementation Guide; Submit for HL7 Ballot Process
  6. Testing of retooled CQMs

# NQF 113: eMeasure Format Review Panel

- Evaluate content of 113 measures retooled (converted from paper to electronic format) for consistency of content
- Panel with broad scope based on public call for the Panel
- Panel split into 5 groups (3-4 members each); each group assigned 5-7 eMeasures to review in each of 4 cycles
- Focus was to review retooled eMeasures for consistency with their original intent

## **eMeasure Format Review Panel Members:**

Dr. Ida Androwich, Loyola University Chicago

Ms. Jennifer Beam, Humana

Dr. Ian Nathanson, University of Central Florida

Mr. John Bott, AHRQ

Mr. Jason Colquitt, Greenway Medical Technologies

Dr. Jan Orton, Intermountain Healthcare

Dr. Paul Fu, Jr., LA Cty Dept Health Services - Harbor-  
UCLA Med Ctr / UCLA

Ms. Sherry Grund, Iowa Foundation for Medical Care

Ms. Ann Watt, The Joint Commission

Dr. Tara Symonds, Pfizer Ms. Crystal Kallem, AHIMA

Ms. Wanda Marvel, Missouri Hosp Assoc/Health Alliance  
of MidAmerica

Dr. Madhavi Vemireddy, Active Health Management

Dr. Ferdinand Velasco, Texas Health Resources

Ms. Gloria Nunez, Senior Product Manager, Axolotl  
Corporation

Dr. Ronald Walters, University of Texas, MD Anderson  
Cancer Center

Dr. Dan Russler, Oracle

# NQF 113: eMeasure Public Comment Period

- Allow public review of retooled measures; simultaneous to panel review
- Commenters included measure stewards, providers, professional organizations, vendors, consumers
- Focused on readability, consistency with original intent, and usability
- Over 600 comments from the public
- Process: Review timing in concert with eMeasure Formal Review Panel (for latter cycles); individual review with measure stewards otherwise
- Additional reviews for consistency by Buccaneer (PQRS) and Mitre (popHealth)

# NQF 113: eMeasure Milestones and Deliverables

## Milestones

- Panel Reviews Completed: Cycle 1 December 2010; Cycle 2 April 2011, Cycle 3 May 2011; Cycle 4 June 2011
- Public Comment Review Completed: June 30, 2011

## Output/Deliverables

- Report synthesizing all public & review Panel comments – October 2011
- Complete log of updates – November 2011
  - 646 comments from the public; 403 from the Panel
- Updates to eMeasures based on public & review Panel comments – August through December 2011

# NQF 113: Updates to Retooled eMeasures

Panel review and public comments were used to make updates to the eMeasures

- Panel recommendations approved by measure stewards
- Public comment issues not addressed by the Panel were reviewed with stewards for final decisions

Buccaneer, Mitre requests

- Stewards evaluated and provided value set updates
- Stewards recommended logic changes as appropriate

Steward-approved descriptions were added to make the eMeasures more reader friendly

Stewards were required to sign off on all final updated measures

- Stewards responsible for updates going forward in 2012

Updated eMeasures delivered to HHS 21 December 2011

# CQM Work in Progress

