

# **Medicare Care Management Performance (MCMP) Demonstration Vendor Conference**

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## What Has IFMC Provided?

In your packet if attending in-person:

- Listing of Measures (IDs claims-based measures)
- Algorithm for Measures Calculation-EHRS
- EHRS to MCMP-PAT MAPPING
- Import File Specifications

Posted on CMS' website (in addition to above):

- Data Abstraction Definitions\*
- Analytic Flowchart\*
- Appendices\*
- Medication Tables\*
- Downloadable Resource Table

\* Created for paper medical record process

## **Today's Discussion:**

- Review of reporting/performance measures
- Description of data distribution & collection processes
- Overview of MCMP-Performance Assessment Tool (PAT)
- Walk-through of import utility
- Description of file specifications
- Description of purpose of mapping document
- Walk-through of mapping and EHRS algorithm documents

## **MCMP Measure Sets**

Coronary Artery Disease (6)

Diabetes Mellitus (8)

Heart Failure (7)

Preventive Care (5)

## **Acknowledgments**

AMA-convened Physician Consortium for Performance Improvement  
National Committee for Quality Assurance  
Centers for Medicare & Medicaid Services  
Providers who have pilot tested the collection of MCMP measures

## Measure Structure Issues

Denominator exclusions

Contraindications to use/performance  
Medical, Patient, and System Reasons

Numerator inclusions

First include if therapy received or test performed  
Secondly, look for reasons why not

Visit vs. time period (patient level) measures

Source of data – time period

## **Coronary Artery Disease: CAD-1 Antiplatelet Therapy**

*Denominator Statement:*

All patients with CAD  $\geq$  18 years of age

*Numerator Statement:*

Patients who were prescribed antiplatelet therapy

*Denominator Exclusions:*

Medical Reason

Patient Reason

## **Coronary Artery Disease: CAD-2 Drug Therapy for Lowering LDL Cholesterol**

*Denominator Statement:*

All patients with CAD  $\geq$  18 years of age

*Numerator Statement:*

Patients who were prescribed lipid-lowering therapy

*Denominator Exclusions:*

LDL cholesterol < 130 mg/dl

Medical Reason

Patient Reason

System Reason (i.e., resources to perform the services not available, insurance coverage/payor-related limitations, other reasons attributable to health care delivery system)



## **Coronary Artery Disease: CAD-3 Beta Blocker Therapy – Prior MI**

### *Denominator Statement:*

All patients with CAD who also have prior MI at any time  $\geq$  18 years of age

### *Numerator Statement:*

Patients who were prescribed beta blocker therapy

### *Denominator Inclusion:*

Patients with CAD and prior MI

### *Denominator Exclusions:*

Medical Reason

Patient Reason

System Reason

## **Coronary Artery Disease: CAD-5 Lipid Profile**

*Denominator Statement:*

All patients with CAD  $\geq$  18 years of age

*Numerator Statement:*

Patients who received at least one lipid profile (or all component tests)

*Denominator Exclusions:*

None

## **Coronary Artery Disease: CAD-6 LDL Cholesterol Level**

*Denominator Statement:*

All patients with CAD  $\geq$  18 years of age and at least one LDL cholesterol test

*Numerator Statement:*

Patients with most recent LDL cholesterol  $<$  100 mg/dl

*Denominator Exclusions:*

None

## **Coronary Artery Disease: CAD-7 ACE Inhibitor or ARB Therapy**

### *Denominator Statement:*

All patients with CAD  $\geq$  18 years of age who also have diabetes and/or LVSD

### *Numerator Statement:*

Patients who were prescribed ACE inhibitor or ARB therapy

### *Denominator Inclusion:*

Patients with CAD who also have diabetes and/or LVSD (LVEF < 40% or moderately or severely depressed left ventricular systolic function)

### *Denominator Exclusions:*

Medical Reason  
Patient Reason  
System Reason

## **Diabetes Mellitus**

### **DM-1: HbA1c Management**

The percentage of patients 18-75 years of age with diabetes (type 1 or type 2) who had Hemoglobin A1c (HbA1c) testing

### **DM-2: HbA1c Control**

The percentage of patients 18-75 years of age with diabetes (type 1 or type 2) who had HbA1c in poor control (>9.0%)

## **Diabetes Mellitus**

### **DM-3: Blood Pressure Management**

The percentage of patients 18-75 years of age with diabetes (type 1 or type 2) who had a blood pressure <140/80 mmHg

### **DM-4: Lipid Measurement**

The percentage of patients 18-75 years of age with diabetes (type 1 or type 2) who had LDL-C screening performed

## **Diabetes Mellitus**

### **DM-5: LDL Cholesterol Level**

The percentage of patients 18-75 years of age with diabetes (type 1 or type 2) who had LDL-C testing <100 mg/dL

### **DM-6: Urine Protein Testing**

The percentage of patients 18-75 years of age with diabetes (type 1 or type 2) who had medical attention for nephropathy

## **Diabetes Mellitus**

### **DM-7: Eye Exam**

The percentage of patients 18-75 years of age with diabetes (type 1 or type 2) who had an eye exam (retinal) performed

### **DM-8: Foot Exam**

The percentage of patients 18-75 years of age with diabetes (type 1 or type 2) who had a foot exam (visual inspection, sensory exam with monofilament, or pulse exam)



## **Heart Failure**

### **HF-1: Left Ventricular Function (LVF) Assessment**

Percentage of patients with quantitative or qualitative results for LVF assessment

### **HF-2: Left Ventricular Ejection Fraction Testing**

Percentage of patients with LVF testing during the current year for patients hospitalized with a principal diagnosis of HF during the measurement period

## **Heart Failure**

### **HF-3: Weight Measurement**

Percentage of patient visits with weight measurement recorded

### **HF-5: Patient Education**

Percentage of patients who were provided with patient education on disease management and health behavior changes during one or more visit(s)

## **Heart Failure**

### **HF-6: Beta-Blocker Therapy**

Percentage of patients who were prescribed beta-blocker therapy

### **HF-7: ACE Inhibitor or ARB Therapy**

Percentage of patients who were prescribed ACE Inhibitor or ARB therapy

## Heart Failure

### **HF-8: Warfarin Therapy for Patients with Atrial Fibrillation**

Percentage of patients with paroxysmal or chronic atrial fibrillation who were prescribed warfarin therapy

## **Preventive Care**

### **PC-1: Blood Pressure Measurement**

Percentage of patient visits with blood pressure (BP) measurement recorded

### **PC-5: Breast Cancer Screening**

Percentage of women 40-69 years of age who had a mammogram to screen for breast cancer

## **Preventive Care**

### **PC-6: Colorectal Cancer Screening**

Percentage of patients screened for colorectal cancer during the one-year measurement period

### **PC-7: Influenza Vaccination**

Percentage of patients who received an influenza vaccination during the one-year measurement period

## **Preventive Care**

### **PC-8: Pneumonia Vaccination**

The percentage of patients 65 years or older who ever received a pneumococcal vaccination

## Topics

- Data Distribution & Collection
- MCMP-PAT Features
- Import Utility
- Import File Specification
- Q & A



## **Data Distribution**

(THIS SLIDE SHOWED A FLOW CHART OF THE DISTRIBUTION OF QUALITY DATA THAT IS PRE-POPULATED IN THE PERFORMANCE ASSESSMENT TOOL (“PAT”) STARTING WITH CMS CONTRACTORS TO THE QIOS AND DOWN TO THE PROVIDERS PARTICIPATING IN THE DEMONSTRATION)

## **Data Collection**

(THIS SLIDE SHOWED A FLOW CHART OF THE QUALITY MEASUREMENT DATA SUBMITTED BY THE PROVIDERS COMPLETING THE E PERFORMANCE ASSESSMENT TOOL (“PAT”) USING DATA FROM THE MEDICAL CHART. THE COMPLETED PAT TOOL IS SUBMITTED BY THE PROVIDERS PARTICIPATING IN THE PRACTICE TO THE QIOS WHO, IN TURN, FORAWRD IT TO THE CMS CONTRACTORS.)

## **Logon Screen**

(THIS SLIDE SHOWED THE LOG ON SCREEN FOR THE MCMP PERFORMANCE ASSESSMENT TOOL (PAT).)

## **Demographics**

(THIS SLIDE SHOWED THE DEMOGRAPHICS SCREEN FROM THE MCMP PERFORMANCE ASSESSMENT TOOL (PAT).)

## **Diabetes Mellitus**

(THIS SLIDE SHOWED THE DIABETES MELLITUS MEASURES SCREEN FROM THE MCMP PERFORMANCE ASSESSMENT TOOL (PAT).)

## **Heart Failure**

(THIS SLIDE SHOWED THE HEART FAILURE MEASURES SCREEN FROM THE MCMP PERFORMANCE ASSESSMENT TOOL (PAT).)

## **Coronary Artery Disease**

(THIS SLIDE SHOWED THE CORONARY ARTERY DISEASE MEASURES SCREEN FROM THE MCMP PERFORMANCE ASSESSMENT TOOL (PAT).)

## **Preventive Care – Blood Pressure**

(THIS SLIDE SHOWED THE BLOOD PRESSURE MEASURE SCREEN FROM THE MCMP PERFORMANCE ASSESSMENT TOOL (PAT).)



## **Preventive Care – Other Measures**

(THIS SLIDE SHOWED THE PREVENTIVE CARE MEASURES SCREEN, EXCLUDING THE BLOOD PRESSURE MEASURE, FROM THE MCMP PERFORMANCE ASSESSMENT TOOL (PAT).)



## **Validation of Entries**

(THIS SLIDE SHOWED THE VALIDATION SCREEN FROM THE MCMP PERFORMANCE ASSESSMENT TOOL (PAT).)



## **MCMP-PAT Export**

(THIS SLIDE SHOWED THE MCMP-PAT EXPORT FUNCTION SCREEN AND A SAMPLE LAYOUT OF THE FILE THAT IS EXPORTED USING MCMP PERFORMANCE ASSESSMENT TOOL (PAT).)

## **Import Process**

(THIS SLIDE SHOWED A FLOW CHART OF THE PROCESS OF EXPORTING DATA FROM A PRACTICES EHR SYSTEM TO TA TAB-DELIMITED FILE TO THE MCMP MEASURES DATABASE VIA THE MCMP-PAT IMPORTER FUNCTION.)

## **Import Configuration**

(THIS SLIDE SHOWED THE IMPORT CONFIGURATION SCREEN FROM THE MCMP PERFORMANCE ASSESSMENT TOOL (PAT).)

## **CCHIT Certification**

(THIS SLIDE SHOWED THE MCMP-PAT SCREEN WHERE THE PROVIDER CERTIFIES WHETHER THE DATA BEING IMPORTED IS FROM A CCHIT-CERTIFIED EHR.)



## **Data Validation**

(THIS SLIDE SHOWED THE DATA VALIDATION SCREEN FROM THE MCMP PERFORMANCE ASSESSMENT TOOL (PAT).)

## **Import Review**

(THIS SLIDE SHOWED THE IMPORT REVIEW SCREEN FROM THE MCMP PERFORMANCE ASSESSMENT TOOL (PAT).)

## Errors

### Critical Errors

- Missing required column
- Extra column
- Duplicate values in required columns
- Missing values in required columns

### Non-critical Errors

- Non-existing HIC Number
- Invalid Values (non-numeric, values outside of range)

## **File Specifications – Patients Table**

## **Sample Patient Import File**

## **File Specifications and Sample – Patient Visits**

(THESE THREE SLIDES SHOWED SAMPLE REPORTS AND FILE LAYOUTS FROM THE MCMP PERFORMANCE ASSESSMENT TOOL (PAT).)

## **Analytic Documents**

Algorithm for Measures Calculation-EHRS

Downloadable Resource Table

EHRS to MCMP-PAT Mapping

## **Algorithm for Measures Calculation-EHRS**

THIS SCREEN SHOWS A SAMPLE PAGE FROM THE MEASURES CALCULATION REFERENCE DOCUMENT WITH THE ALGORITHM FOR THE CAD-1 MEASURE.

## **Downloadable Resource Table**

THIS SCREEN SHOWS A SAMPLE OF THE DOWNLOADABLE RESOURCE TABLE THAT IS AVAILABLE ON THE WEB.

## **EHR to MCMP-PAT Mapping**

A concise version of the algorithm document

Designed to guide data extraction from EHR

Assumption: data is stored using standard coding systems (e.g., CPT, ICD-9, SNOMED, LOINC, etc)

If not, data definition document should be utilized

**(FOLLOWING THIS PAGE, THE NEXT 5 SCREENS SHOW SAMPLES FROM THE EHR TO MCMP MAPPING DOCUMENT.)**



## Contact Information

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