

## Attachment VII. — List of Quality and Efficiency Measures (included with recruitment letter)

### List of Measures Included in the CMS Impact Assessment

#### IQR measures

##### Measures Requiring Abstraction and Submission by the Hospital or Its Vendor

##### Acute Myocardial Infarction (AMI)

- **AMI-1** Aspirin at Arrival
- **AMI-3** ACEI or ARB for LVSD
- **AMI-5** Beta-Blocker Prescribed at Discharge
- **AMI-7** Median Time to Fibrinolysis
- **AMI-7a** Fibrinolytic Therapy Received Within 30 Minutes of Hospital Arrival
- **AMI-8** Median Time to Primary PCI
- **AMI-8a** Timing of Receipt of Primary Percutaneous Coronary Intervention

##### Heart Failure (HF)

- **HF-2** Evaluation of LVS Function

##### Stroke (STK)

- **STK-1** Venous Thromboembolism (VTE) Prophylaxis
- **STK-2** Discharged on Antithrombotic Therapy
- **STK-3** Anticoagulation Therapy for Atrial Fibrillation/Flutter
- **STK-4** Thrombolytic Therapy
- **STK-5** Antithrombotic Therapy By End of Hospital Day 2
- **STK-6** Discharged on Statin Medication
- **STK-8** Stroke Education
- **STK-10** Assessed for Rehabilitation

##### Venous Thromboembolism (VTE)

- **VTE-1** Venous Thromboembolism Prophylaxis
- **VTE-2** Intensive Care Unit Venous Thromboembolism Prophylaxis
- **VTE-3** Venous Thromboembolism Patients with Anticoagulation Overlap Therapy
- **VTE-4** Venous Thromboembolism Patients Receiving Unfractionated Heparin with Dosages/Platelet Count Monitoring by Protocol or Nomogram
- **VTE-5** Venous Thromboembolism Warfarin Therapy Discharge Instructions
- **VTE-6** Hospital Acquired Potentially-Preventable Venous Thromboembolism

##### Pneumonia (PN)

- **PN-3a** Blood Cultures Performed Within 24 Hours Prior to or 24 Hours After Hospital Arrival for Patients Who Were Transferred or Admitted to the ICU Within 24 Hours of Hospital Arrival
- **PN-6** Initial Antibiotic Selection for Community-Acquired Pneumonia (CAP) in Immunocompetent Patient
- **PN-6a** Initial Antibiotic Selection for CAP in Immunocompetent – ICU Patient
- **PN-6b** Initial Antibiotic Selection for CAP in Immunocompetent – Non-ICU Patient

##### Children's Asthma Care (CAC)

- **CAC-1** Relievers for Inpatient Asthma
- **CAC-2** Systemic Corticosteroids for Inpatient Asthma
- **CAC-3** Home Management Plan of Care (HMPC) Document Given to Patient/Caregiver

##### Surgical Care Improvement Project (SCIP)

- **SCIP-Inf-1** Prophylactic Antibiotic Received Within One Hour Prior to Surgical Incision
- **SCIP-Inf-2** Prophylactic Antibiotic Selection for Surgical Patients
- **SCIP-Inf-3** Prophylactic Antibiotics Discontinued Within 24 Hours After Surgery End Time
- **SCIP-Inf-4** Cardiac Surgery Patients With Controlled Postoperative Blood Glucose
- **SCIP-Inf-6** Surgery Patients with Appropriate Hair Removal
- **SCIP-Inf-9** Urinary Catheter Removed on Postoperative Day 1 (POD 1) or Postoperative Day 2 (POD 2) with day of surgery being day zero (8,13)
- **SCIP-Card-2** Surgery Patients on Beta-Blocker Therapy Prior to Arrival Who received a Beta-Blocker During the Perioperative Period (6,12)
- **SCIP-VTE-2** Surgery Patients Who Received Appropriate Venous Thromboembolism Prophylaxis Within 24 Hours Prior to Surgery to 24 Hours After Surgery (3,12)

#### **Emergency Department (ED)**

- **ED-1a** Median Time from ED Arrival to ED Departure for Admitted ED Patients - Overall Rate
- **ED-1b** Median Time from ED Arrival to ED Departure for Admitted ED Patients – Reporting Measure
- **ED-1c** Median Time from ED Arrival to ED Departure for Admitted ED Patients – Observation Patients
- **ED-1d** Median Time from ED Arrival to ED Departure for Admitted ED Patients - Psychiatric/Mental Health Patients
- **ED-2a** Admit Decision Time to ED Departure Time for Admitted Patients – Overall Rate
- **ED-2b** Admit Decision Time to ED Departure Time for Admitted Patients - Reporting Measure (9,10)
- **ED-2c** Admit Decision Time to ED Departure Time for Admitted Patients - Psychiatric/Mental Health Patients

#### **Immunization (IMM)**

- **IMM-1a** Pneumococcal Immunization – Overall Rate
- **IMM-1b** Pneumococcal Immunization – Age 65 and older
- **IMM-1c** Pneumococcal Immunization – High Risk Populations (Age 5 through 64 years)
- **IMM-2** Influenza Immunization

#### **Healthcare Associated Infection Measure (HAI)**

- Central-Line Associated Bloodstream Infection (CLABSI)
- Surgical Site Infection (SSI-colon, SSI-abdominal hysterectomy)
- Catheter-Associated Urinary Tract Infection (CAUTI)
- MRSA Bacteremia (10)*Clostridium Difficile (C.difficile)*
- Healthcare Personnel Influenza Vaccination

#### **Hospital Consumer Assessment of Healthcare Providers and Systems Survey (HCAHPS)**

- Hospital Consumer Assessment of Healthcare Providers and Systems Survey

#### **Tobacco Treatment (TOB)**

- **TOB-1** Tobacco Use Screening
- **TOB-2** Tobacco Use Treatment Provided or Offered
- **TOB-2a** Tobacco Use Treatment
- **TOB-3** Tobacco Use Treatment Provided or Offered at Discharge
- **TOB-3a** Tobacco Use Treatment at Discharge
- **TOB-4** Tobacco Use: Assessing Status After Discharge

#### **Substance Use**

- **(SUB)SUB-1** Alcohol Use Screening
- **SUB-2** Alcohol Use Brief Intervention Provided or Offered
- **SUB-2a** Alcohol Use Brief Intervention

- **SUB-3** Alcohol and Other Drug Use Disorder Treatment Provided or Offered at Discharge
- **SUB-3a** Alcohol and Other Drug Use Disorder Treatment at Discharge
- **SUB-4** Alcohol and Drug Use: Assessing Status after Discharge

### **Measures Requiring Web-Based Hospital Data Entry**

#### **Structural Measures**

- Participation in a Systematic Database for Cardiac Surgery
- Participation in a Systematic Clinical Database Registry for Stroke Care
- Participation in a Systematic Clinical Database Registry for Nursing Sensitive Care
- Participation in a Systematic Clinical Database Registry for General Surgery

#### **Data Accuracy and Completeness Acknowledgement**

- Data Accuracy and Completeness Acknowledgement

#### **Perinatal Care**

- **PC-01** Elective Delivery Prior to 39 Completed Weeks Gestation: Percentage of Babies Electively Delivered Prior to 39 Completed Weeks Gestation

### **Measure Information Obtained from Claims-Based Data**

#### **Mortality Measures (Medicare patients)**

- **MORT-30-AMI** Acute Myocardial Infarction (AMI) 30-Day Mortality Rate
- **MORT-30-HF** Heart Failure (HF) 30-Day Mortality Rate
- **MORT-30-PN** Pneumonia (PN) 30-Day Mortality Rate
- **MORT-30-COPD** Chronic Obstructive Pulmonary Disease (COPD) 30-Day Mortality Rate
- **MORT-30-STK** Acute Ischemic Stroke (STK) 30-Day Mortality Rate

#### **Readmission Measures (Medicare patients)**

- **READM-30-AMI** Acute Myocardial Infarction (AMI) 30-Day Readmission Rate
- **READM-30-HF** Heart Failure (HF) 30-Day Readmission Rate
- **READM-30-PN** Pneumonia (PN) 30-Day Readmission Rate
- **Hip/Knee Readmission** Hospital-Level 30-Day All-Cause Risk- Standardized Readmission Rate (RSRR) Following Elective Total Hip Arthroplasty (THA)/Total Knee Arthroplasty (TKA)
- **HWR** Hospital-Wide All-Cause Unplanned Readmission (HWR)
- **READM-30-COPD** Chronic Obstructive Pulmonary Disease (COPD) 30-Day Readmission Rate
- **READM-30-STK** Stroke (STK) 30-Day Readmission Rate

#### **Agency for Healthcare Research and Quality (AHRQ) Measures**

- **PSI 90** Complication/Patient Safety for Selected Indicators
- **PSI 4** Death Among Surgical Patients with Serious Treatable Complications (Harmonized with Nursing Sensitive Care Measure, Failure to Rescue)

#### **Surgical Complications**

- **Hip/Knee Complications** Hospital-Level Risk-Standardized Complication Rate (RSCR) Following Elective Primary Total Hip Arthroplasty (THA) and Total Knee Arthroplasty (TKA)

#### **Cost Efficiency Measures**

- Medicare Spending per Beneficiary (MSPB)
- Acute Myocardial Infarction (AMI) Payment per Episode of Care

**Measures for Electronic Reporting via Certified Electronic Health Record Technology (CEHRT) (voluntary participation CY 2014)**

- **STK-2** Discharged on Antithrombotic Therapy
- **STK-3** Anticoagulation Therapy for Atrial Fibrillation/Flutter
- **STK-4** Thrombolytic Therapy
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- **STK-6** Discharged on Statin Medication
- **TK-8** Stroke Education
- **STK-10** Assessed for Rehabilitation
- **VTE-1** Venous Thromboembolism Prophylaxis
- **VTE-2** Intensive Care Unit Venous Thromboembolism Prophylaxis
- **VTE-3** Venous Thromboembolism Patients with Anticoagulation Overlap Therapy
- **VTE-4** Venous Thromboembolism Patients Receiving Unfractionated Heparin with Dosages/Platelet Count Monitoring by Protocol or NomogramV
- **TE-5** Venous Thromboembolism Warfarin Therapy Discharge Instructions
- **VTE-6** Hospital Acquired Potentially-Preventable Venous Thromboembolism (10,14)
- **ED-1** Median Time from ED Arrival to ED Departure for Admitted ED Patients
- **ED-2** Admit Decision Time to ED Departure Time for Admitted Patients
- **PC-01** Elective Delivery Prior to 39 Completed Weeks Gestation: Percentage of Babies Electively Delivered Prior to 39 Completed Weeks Gestation

## **OQR measures**

### **Cardiac Care (AMI and CP) Measures**

- **OP-1:** Median Time to Fibrinolysis
- **OP-2:** Fibrinolytic Therapy Received Within 30 Minutes
- **OP-3:** Median Time to Transfer to Another Facility for Acute Coronary Intervention
- **OP-4:** Aspirin at Arrival
- **OP-5:** Median Time to ECG

### **Surgery**

- **OP-6** Timing of Antibiotic Prophylaxis
- **OP-7** Antibiotic Selection

### **Imaging Efficiency Measures**

- **OP-8:** MRI Lumbar Spine for Low Back Pain
- **OP-9:** Mammography Follow-up Rates
- **OP-10:** Abdomen CT – Use of Contrast Material
- **OP-11:** Thorax CT – Use of Contrast Material
- **OP-13:** Cardiac Imaging for Preoperative Risk Assessment for Non Cardiac Low Risk Surgery
- **OP-14:** Simultaneous Use of Brain Computed Tomography (CT) and Sinus CT

### **ED-Throughput**

- **OP-18** Median Time from ED Arrival to ED Departure for Discharged ED Patients
- **OP-20** Door to Diagnostic Evaluation by a Qualified Medical Professional
- **OP-22** Left Without Being Seen

### **Pain Management**

- **OP-21** Median Time to Pain Management for Long Bone Fracture

### **Stroke**

- **OP-23** Head CT or MRI Scan Results for Acute Ischemic Stroke or Hemorrhagic Stroke Patients who Received Head CT or MRI Scan Interpretation Within 45 minutes of ED Arrival

**Structural and Web-Based Measures**

- **OP-12:** The Ability for Providers with HIT to Receive Laboratory Data Electronically Directly into their ONC-Certified EHR System as Discrete Searchable Data
- **OP-17:** Tracking Clinical Results between Visits
- **OP-25:** Safe Surgery Checklist Use
- **OP-26:** Hospital Outpatient Volume Data on Selected Outpatient Surgical Procedures
- **OP-27:** Influenza Vaccination Coverage among Healthcare Personnel
- **OP-29** Endoscopy/Polyp Surveillance: Appropriate Follow-up Interval for Normal Colonoscopy in Average Risk
- **OP-30** Endoscopy/Polyp Surveillance: Colonoscopy Interval for Patients with a History of Adenomatous Polyps – Avoidance of Inappropriate Use
- **OP-31** Cataracts – Improvement in Patient’s Visual Function within 90 Days Following Cataract Surgery