

AAOS Orthopaedic Quality Resource Center

Beginning January 1, 2021, CMS will utilize AAOS registry-reported data as part of its new Alternate Quality Measures Set—demonstrating a shared interest in promoting value-based care and ensuring that payment models for musculoskeletal care can better guide decision-making.

BPCI-A MEASURES*

NQF #

Preventive Care and Screening: Tobacco Use: Screening and Cessation Intervention

0028

Percentage of patients aged 18 years and older who were screened for tobacco use one or more times within 24 months AND who received tobacco cessation intervention if identified as a tobacco user.

National Quality Strategy Domain: Prevention and Treatment

Type: Process Measure

Data Submission Method(s): Registry Measure

Perioperative Care: Selection of Prophylactic Antibiotic 1st or 2nd Generation Cephalosporin

0268

Percentage of surgical patients aged 18 years and older undergoing procedures with the indications for a first OR second generation cephalosporin prophylactic antibiotic who had an order for first OR second generation cephalosporin for antimicrobial prophylaxis.

National Quality Strategy Domain: Patient Safety

Type: Process Measure

Data Submission Method(s): Registry Measure

Advanced Care Plan

0326

Percentage of patients aged 65 years and older who have an advance care plan or surrogate decision maker documented in the medical record or documentation in the medical record that an advance care plan was discussed but the patient did not wish or was not able to name a surrogate decision maker or provide an advance care plan.

National Quality Strategy Domain: Person- and Family-Centered Care

Type: Process Measure

Data Submission Method(s): Registry Measure

CMS Patient Safety Indicators PSI 90

0531

The CMS PSI 90 v. 10.0 measure summarizes patient safety across multiple indicators, monitors performance over time, and facilitates comparative reporting and quality improvement at the hospital level. The CMS PSI 90 composite measure (updated 5/15/2020) intends to reflect the safety climate of a hospital by providing a marker of patient safety during the delivery of care.

National Quality Strategy Domain: Patient Safety

Type: Composite Measure

Data Submission Method(s): Registry Measure

Hospital-level risk-standardized complication rate (RSCR) following elective primary total hip arthroplasty (THA) and/or total knee arthroplasty (TKA)

1550

The measure estimates a hospital-level risk-standardized complication rate (RSCR) associated with elective primary THA and TKA in Medicare Fee-For-Service beneficiaries who are age 65 and older. The outcome (complication) is defined as any one of the specified complications occurring from the date of index admission to 90 days post date of the index admission (the admission included in the measure cohort).

National Quality Strategy Domain: Patient Safety

Type: Outcome Measure

Data Submission Method(s): Registry Measure

BPCI-A MEASURES*

NQF #

Hospital-Wide All-Cause Unplanned Readmission Measure (HWR)

1789

This measure estimates a hospital-level, risk-standardized readmission rate (RSRR) of unplanned, all-cause readmission within 30 days of discharge from an index admission with an eligible condition or procedure.

National Quality Strategy Domain: Patient Safety

Type: Outcome Measure

Data Submission Method(s): Registry Measure

Substance Use Screening and Intervention Composite

2579

Percentage of patients aged 18 years and older who were screened at least once within the last 24 months for tobacco use, unhealthy alcohol use, nonmedical prescription drug use, and illicit drug use AND who received an intervention for all positive screening results.

National Quality Strategy Domain: Prevention and Treatment

Type: Composite Measure

Data Submission Method(s): Registry Measure

BPCI-A MEASURES**

Quality #

Patient-Centered Surgical Risk Assessment and Communication

358

Percentage of patients who underwent a non-emergency surgery who had their personalized risks of postoperative complications assessed by their surgical team prior to surgery using a clinical data-based, patient-specific risk calculator and who received personal discussion of those risks with the surgeon.

National Quality Strategy Domain: Person and Caregiver-Centered Experience and Outcomes

Type: Process

High-Priority: Yes

Appropriate Use: No

Data Submission Method(s): Registry Measure

*BPCI-A (NQF) Measure Specifications are available at <https://innovation.cms.gov/innovation-models/bpci-advanced/quality-measures-fact-sheets>.

**BPCI-A (QPP) Measure Specifications are available at <https://qpp.cms.gov/about/resource-library>.