

eMeasure Title	Functional Status Assessment for Hip Replacement		
eMeasure Identifier (Measure Authoring Tool)	56	eMeasure Version number	2
NQF Number	Not Applicable	GUID	2f291003-3f2f-48af-bef9-e5aacb95ac3e
Measurement Period	January 1, 20xx through December 31, 20xx		
Measure Steward	Centers for Medicare & Medicaid Services (CMS)		
Measure Developer	National Committee for Quality Assurance (NCQA)		
Endorsed By	None		
Description	Percentage of patients aged 18 years and older with primary total hip arthroplasty (THA) who completed baseline and follow-up (patient-reported) functional status assessments		
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Measure Scoring	Proportion		
Measure Type	Process		
Stratification	None		
Risk Adjustment	None		
Rate Aggregation	None		
Rationale	Measuring functional status for patient undergoing total hip replacement permits longitudinal assessment - from the patient's perspective - of the impact of surgical intervention on pain, physical function, as well as health-related quality of life (Rothrock 2010).		
Clinical	Clinicians should ask patients to report on functional status		

Recommendation Statement	during at least two points in time while undergoing treatment: before surgery and after a period of post-surgical recovery.
Improvement Notation	A higher score indicates better quality
Reference	Bachmeier CJ, March LM, Cross MJ, Lapsley HM, Tribe KL, Courtenay BG et al. A comparison of outcomes in osteoarthritis patient undergoing total hip and knee replacement surgery. Osteoarthritis Cartilage 2001; 9:137-146.
Reference	Rose M, Bjorner JB, Becker J, Fries JF, Ware JE. Evaluation of a preliminary physical function item bank supported expected advantages of the Patient-Reported Outcomes Measurement Information System (PROMIS). J Clin Epidemiol 2008; 61:17-33.
Reference	Rothrock NE, Hays RD, Spritzer K, Yount SE, Riley W, Cella D. Relative to the general US population, chronic diseases are associated with poorer health-related quality of life as measured by the Patient-Reported Outcomes Measurement Information System (PROMIS). J Clin Epidemiol 2010; 63(11):1195-204.
Reference	Selim AJ, Berlowitz D, Kazis LE, Rogers W, Wright SM, Qian SX, Rohendler JA, Spiro A, Miller D, Selim BJ, Fincke BG. Comparison of Health Outcomes for Male Seniors in the Veterans Health Administration and Medicare Advantage Plans. Health Services Research 2010; 45(2): 376-396.
Definition	None
Guidance	<p>A Functional Status Assessment (FSA) is based on administration of a validated instrument to eligible patients that asks patients to answer questions related to various domains including: pain, physical function, emotional well-being, health-related quality of life, symptom acuity.</p> <p>The use of patient-reported outcomes data in eMeasures - such as this measure of functional status - demonstrates the need for the Quality Reporting Data Architecture (QRDA) to support a data attribute that indicates that the patient provided the information.</p>
Transmission Format	TBD
Initial Patient Population	Adults aged 18 and older with a primary total hip arthroplasty (THA) and who had an outpatient encounter not more than 180 days prior to procedure, and at least 60 days and not more than 180 days after THA procedure.
Denominator	Equals initial patient population
Denominator Exclusions	Patients with multiple trauma at the time of the total hip arthroplasty or patients with severe cognitive impairment
Numerator	Patients with patient reported functional status assessment results (e.g., VR-12, VR-36,PROMIS-10-Global Health, PROMIS-29, HOOS) not more than 180 days prior to the primary THA procedure, and at least 60 days and not more than 180 days after THA procedure.
Numerator Exclusions	Not Applicable

Denominator Exceptions	None
Measure Population	Not Applicable
Measure Observations	Not Applicable
Supplemental Data Elements	For every patient evaluated by this measure also identify payer, race, ethnicity, and sex.

Table of Contents

- [Population criteria](#)
- [Data criteria \(QDM Data Elements\)](#)
- [Reporting Stratification](#)
- [Supplemental Data Elements](#)

Population criteria

- **Initial Patient Population =**
 - AND: "Patient Characteristic Birthdate: birth date" >= 18 year(s) starts before start of "Measurement Period"
 - AND:
 - OR: "Occurrence A of Procedure, Performed: Primary THA Procedure" <= 180 day(s) ends before start of "Measurement Period"
 - OR: "Occurrence A of Procedure, Performed: Primary THA Procedure" <= 185 day(s) ends after start of "Measurement Period"
 - AND:
 - OR:
 - AND: "Encounter, Performed: Outpatient Consultation" <= 180 day(s) ends before start of "Occurrence A of Procedure, Performed: Primary THA Procedure"
 - AND: "Occurrence B of Encounter, Performed: Outpatient Consultation" >= 60 day(s) ends after end of "Occurrence A of Procedure, Performed: Primary THA Procedure"
 - AND: "Occurrence B of Encounter, Performed: Outpatient Consultation" <= 180 day(s) ends after end of "Occurrence A of Procedure, Performed: Primary THA Procedure"
 - OR:
 - AND: "Encounter, Performed: Face-to-Face Interaction" <= 180 day(s) ends before start of "Occurrence A of Procedure, Performed: Primary THA Procedure"
 - AND: "Occurrence B of Encounter, Performed: Face-to-Face Interaction" >= 60 day(s) ends after end of "Occurrence A of Procedure, Performed: Primary THA Procedure"
 - AND: "Occurrence B of Encounter, Performed: Face-to-Face Interaction" <= 180 day(s) ends after end of "Occurrence A of Procedure, Performed: Primary THA Procedure"
 - OR:
 - AND: "Occurrence A of Encounter, Performed: Office Visit" <= 180 day(s) ends before start of "Occurrence A of Procedure, Performed: Primary THA Procedure"
 - AND: "Occurrence B of Encounter, Performed: Office Visit" >= 60 day(s) ends after end of "Occurrence A of Procedure, Performed: Primary THA Procedure"

- None

Supplemental Data Elements

- "Patient Characteristic Ethnicity: Ethnicity" using "Ethnicity CDC Value Set (2.16.840.1.114222.4.11.837)"
- "Patient Characteristic Payer: Payer" using "Payer Source of Payment Typology Value Set (2.16.840.1.114222.4.11.3591)"
- "Patient Characteristic Race: Race" using "Race CDC Value Set (2.16.840.1.114222.4.11.836)"
- "Patient Characteristic Sex: ONC Administrative Sex" using "ONC Administrative Sex Administrative Sex Value Set (2.16.840.1.113762.1.4.1)"

Measure Set	Not Applicable
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