2017 eCQM Flow  
**Measure Identifier: CMS66v5**  
Functional Status Assessment for Total Knee Replacement

### Initial Population

- **Age ≥ 18 Years at Measurement Period**
  - Yes → $OptConsultorOVorF2FEncounter‡ ≤ 180 Days Ends Before Start of Occurrence A of $PrimaryTKAprocedure‡‡
  - No → Do Not Include in Initial Population

### Denominator

- $OptConsultorOVorF2FEncounter‡ ≤ 180 Days Ends Before Start of Occurrence A of $PrimaryTKAprocedure‡‡
  - Yes → Denominator Exclusion Count (2 patients)
  - No → Age ≥ 18 Years at Measurement Period

### Denominator Exclusions

- **Count ≥ 2 Diagnosis:** FRACTURE-LOWER BODY* < 1 Day Starts Before Start of AND Overlaps Occurrence A of $PrimaryTKAprocedure‡‡
  - Yes → Diagnosis: SEVERE DEMENTIA* Overlaps Measurement Period
  - No → No

### Eligible Population

- Diagnosis: SEVERE DEMENTIA* Overlaps Measurement Period
  - Yes → = Eligible Population (8 patients)
  - No → $OptConsultorOVorF2FEncounter‡ ≥ 60 days AND ≤ 180 Days Ends After End of Occurrence A of $PrimaryTKAprocedure‡‡
  - No → No

Please refer to the specific section of the eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM.

‡For a listing of appropriate encounters, please refer to the QDM Variables and QDM data elements and associated value sets as specific data elements have not been listed.

‡‡Please refer to the specific section of the eCQM to identify the QDM Variables, QDM data elements and associated value sets for use in reporting this eCQM.
**SAMPLE CALCULATION:**

Performance Rate = \[
\frac{\text{Numerator (a=8 patients)}}{\text{Denominator (b=10 patients)} - \text{Denominator Exclusions (c=2 patients)} - \text{Denominator Exceptions (N/A)}} \times 100 = 100.00\%
\]

*Please refer to the specific section of the eCQM to identify the QDM data elements and associated value sets for use in reporting this eCQM.

‡‡Please refer to the specific section of the eCQM to identify the QDM Variables, QDM data elements and associated value sets for use in reporting this eCQM.
2017 eCQM Flows  
Measure Identifier: CMS66v5  
Functional Status Assessment for Knee Replacement

Please refer to the specific section of the eCQM to identify the Population Criteria and associated value sets for use in reporting this eCQM.

1. Start Initial Population

2. Check Age:
   a. If the AGE is greater than or equal to 18 years of age at measurement period equals No, do not include in Initial Population. Stop Processing.
   b. If the AGE is greater than or equal to 18 years of age at measurement period, equals Yes, continue processing and proceed to check $OpConsultorOVorF2FEncounter: Encounter Performed.

3. Check $OpConsultorOVorF2FEncounter
   a. If $OpConsultorOVorF2FEncounter: Encounter Performed (QDM data element, OUTPATIENT CONSULTATION, or QDM data element, FACE-TO-FACE INTERACTION, or QDM data element, OFFICE VISIT, or QDM data element, POSTOPERATIVE VISIT) less than or equal to 180 days ends before start of Occurrence A of $PRIMARYTKAPROCEDURE (Procedure Performed, QDM data element, PRIMARY TKA PROCEDURE, less than or equal to 180 days ends before start of OR less than or equal to 185 days ends after start of measurement period, OR ends concurrent with start of measurement period) equals Yes, include in Initial Population and continue on to Encounter Performed.
   b. If $OpConsultorOVorF2FEncounter: Encounter Performed (QDM data element, OUTPATIENT CONSULTATION, or QDM data element, FACE-TO-FACE INTERACTION, or QDM data element, OFFICE VISIT, or QDM data element, POSTOPERATIVE VISIT) less than or equal to 180 days ends before start of Occurrence A of $PRIMARYTKAPROCEDURE (Procedure Performed, QDM data element, PRIMARY TKA PROCEDURE, less than or equal to 180 days ends before start of OR less than or equal to 185 days ends after start of measurement period, OR ends concurrent with start of measurement period) equals No, do not include in Initial Population and stop processing.

4. Check $OpConsultorOVorF2FREncounter:
   a. If $OpConsultorOVorF2FREncounter: Encounter Performed (QDM data element, OUTPATIENT CONSULTATION, or QDM data element, FACE-TO-FACE INTERACTION, or QDM data element, OFFICE VISIT, or QDM data element, POSTOPERATIVE VISIT) greater than or equal to 60 days and less than or equal to 180 days ends after end of Occurrence A of $PRIMARYTKAPROCEDURE (Procedure Performed, QDM data element, PRIMARY TKA PROCEDURE, less than or equal to 180 days ends before start of OR less than or equal to 185 days ends after start of measurement period, OR ends concurrent with start of measurement period) equals Yes, include in Initial Population and proceed to Denominator.
b. If $OpConsultorOVorF2FEncounter: Encounter Performed (QDM data element, OUTPATIENT
CONSULTATION, or QDM data element, FACE-TO-FACE INTERACTION, or QDM data element,
OFFICE VISIT, or QDM data element, POSTOPERATIVE VISIT) greater than or equal to 60 days and
less than or equal to 180 days ends after end of Occurrence A of $PRIMARYTKAPROCEDURE
(Procedure Performed, QDM data element, PRIMARY TKA PROCEDURE, less than or equal to 180
days ends before start of OR less than or equal to 185 days ends after start of measurement period, OR
ends concurrent with start of measurement period), equals No, do not include in Initial Population and
stop processing.

5. Start Denominator

a. Denominator equals the Initial Population. Denominator is represented by the Letter b in the sample
calculation listed at the end of this document. Letter b equals 10 patients in the sample calculation.

6. Start Denominator Exclusions

7. Check Diagnosis: Count Greater than or equal to 2.

a. If the count greater than or equal to 2 of Diagnosis QDM data element, FRACTURE – LOWER BODY,
less than 1 day starts before start of AND overlaps Occurrence A $PRIMARYTKAPROCEDURE
(Procedure Performed, QDM data element, PRIMARY TKA PROCEDURE, less than or equal to 180
days ends before start of OR less than or equal to 185 days ends after start of measurement period, OR
ends concurrent with start of measurement period), equals Yes, include in Denominator Exclusion count.
Denominator Exclusion is represented by Letter c in the sample calculation listed at the end of this
document. Letter c equals 2 patients in the sample calculation.

b. If the count greater than or equal to 2 of Diagnosis QDM data element, FRACTURE – LOWER BODY,
less than 1 day starts before start of AND overlaps Occurrence A $PRIMARYTKAPROCEDURE
(Procedure Performed, QDM data element, PRIMARY TKA PROCEDURE, less than or equal to 180
days ends before start of OR less than or equal to 185 days ends after start of measurement period, OR
ends concurrent with start of measurement period), equals No, proceed to check Occurrence A of
Diagnosis.

8. Check Occurrence A of Diagnosis:

a. If Diagnosis, QDM data element, SEVERE DEMENTIA, overlaps measurement period equals Yes,
include in Denominator Exclusion count. Denominator Exclusion is represented by Letter c in the sample
calculation listed at the end of this document. Letter c equals 2 patients in the sample calculation.

b. If Diagnosis, QDM data element, SEVERE DEMENTIA, overlaps measurement period equals No,
proceed to Numerator.

9. Start Numerator

10. Check Functional Status Performed:

a. If the Functional Status Performed QDM data element, FUNCTIONAL STATUS ASSESSMENT FOR
KNEE REPLACEMENT (Result), less than or equal to 180 days ends before start of Occurrence A of
QDM data element $PRIMARYTKAPROCEDURE (Procedure Performed, QDM data element, PRIMARY
TKA PROCEDURE, less than or equal to 180 days ends before start of OR less than or equal to 185
days ends after start of measurement period, OR ends concurrent with start of measurement period),
equals Yes, proceed to next Functional Status Performed.
b. If the Functional Status Performed QDM data element, FUNCTIONAL STATUS ASSESSMENT FOR KNEE REPLACEMENT (Result), less than or equal to 180 days ends before start of Occurrence A of QDM data element $PRIMARYTKAPROCEDURE (Procedure Performed, QDM data element, PRIMARY TKA PROCEDURE, less than or equal to 180 days ends before start of OR less than or equal to 185 days ends after start of measurement period, OR ends concurrent with start of measurement period), equals No, include in the No/Missing Numerator Data Submitted count and stop processing.

11. Check Functional Status Performed:

a. If the Function Status Performed QDM data element FUNCTIONAL STATUS ASSESSMENT FOR KNEE REPLACEMENT (Result) greater than or equal to 60 days AND less than or equal to 180 days ends after end of Occurrence A of QDM data element $PRIMARYTKAPROCEDURE (Procedure Performed, QDM data element, PRIMARY TKA PROCEDURE, less than or equal to 180 days ends before start of OR less than or equal to 185 days ends after start of measurement period, OR ends concurrent with start of measurement period), equals Yes, include in Numerator count. Numerator is represented by Letter a in the sample calculation listed at the end of this document. Letter a equals 8 patients in the sample calculation.

b. If the Functional Status Performed QDM data element FUNCTIONAL STATUS ASSESSMENT FOR KNEE REPLACEMENT (Result) greater than or equal to 60 days AND less than or equal to 180 days ends after end of Occurrence A of QDM data element $PRIMARYTKAPROCEDURE (Procedure Performed, QDM data element, PRIMARY TKA PROCEDURE, less than or equal to 180 days ends before start of OR less than or equal to 185 days ends after start of measurement period, OR ends concurrent with start of measurement period), equals No, include in the No/Missing Numerator Data Submitted count and stop processing.

SAMPLE CALCULATION:

Performance Rate =
\[
\frac{\text{Numerator (a=8 patients)}}{\text{Denominator (b=10 patients) - Denominator Exclusions (c=2 patients) - Denominator Exceptions (N/A)}} = 100.00\%
\]