

THKR-5: POSTOPERATIVE FUNCTIONAL/HEALTH STATUS ASSESSMENT

Description: % of patients who underwent a total hip replacement (THR) or total knee replacement (TKR) that completed the general health (VR-12 or PROMIS Global) and joint specific (HOOS JR/HOOS or KOOS JR/KOOS) functional status assessments at 1 year (300-425 days) after surgery.

Timeframe: 1 year (300-425 days) after surgery

**Joint Commission
Specifications Manual**

**AAOS AJRR**

Crosswalk

DATA ELEMENTS

- Admission Date (IP only)
- Birthdate
- Discharge Date (IP only)
- ICD-10-CM Other Diagnosis Codes
- ICD-10-CM Principal Diagnosis Code
- ICD-10-PCS Other Procedure Codes (IP) or CPT® Codes with Modifier (OP)
- ICD-10-PCS Principal Procedure Code or CPT® Codes with Modifier (OP)
- ICD-10-PCS Principal Procedure Date (IP) or CPT® Code Procedure Date (OP)
- Postoperative Assessments Completed
 - Y (Yes) = The general health and joint specific functional status assessments were completed. (Check Postoperative Assessment Completion Date)

- Postoperative Assessments Completion Date
 - ≥ 300 and ≤ 425 days
- Pre-Collection Mortality
 - Y (Yes) There is documentation that the patient expired after the principal procedure and prior to the end of the data collection period.

FIELD NAMES

- AdmitDateTime
- PatDOB
- DX_1-DX_10
- PX_1-PX_10
- ProcedureDate*
- PatDeathDate*
 - $[PatDeathDate] \leq ([ProcedureDate] + 425)$
- DischargeDateTime
- DSCHDISPCODE*
 - 20, 41 = Expired
- VR-12 or PROMIS Global
 - All fields completed. (See PROMS_ Date for registry logic)
- HOOS JR/HOOS or KOOS JR/ KOOS
 - All fields completed. (See PROMS_ Date for registry logic)
- PROMS_Date*
 - $PROMS_Date - ProcedureDate \geq 300$ and ≤ 425 days

NUMERATOR

Patients who completed the general health AND joint specific functional status assessments at 1 year (300-425 days) after surgery.

- All VR-12 or PROMIS Global fields completed
- All HOOS JR/HOOS or KOOS JR/ KOOS fields completed
- $PROMS_Date - ProcedureDate \geq 300$ and ≤ 425 days

DENOMINATOR

Patients who underwent THR or TKR THR or TKR (PX_1-PX_10)

EXCLUDED

- Age <18 years old (PatDOB)
- Length of stay >120 days (IP only) (DischargeDateTime – AdmitDateTime)
- Partial hip and partial knee replacements
- Revision and resurfacing procedures
- Removal of implanted devices/ prostheses
- Complication of internal fixation device/prosthesis
- Malignant neoplasms
- Fractures (PX_1-PX_10, DX_1-DX_10)

Documentation that the patient expired after the principal procedure and prior to the end of the data collection period

DSCHDISPCODE 20 or 41
OR
 $[PatDeathDate] \leq ([ProcedureDate] + 425)$

ADVANCED CERTIFICATION



AMERICAN ACADEMY OF
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NOTES*

General Notes

- **Only Joint Commission allowable values and AAOS/AJRR field values that are directly mapped are listed.** All other allowable values defined in the Joint Commission Specifications Manual will continue to process through the measure algorithm. All other AAOS/AJRR field values defined in the registry will process through registry logic.
- Please abstract the Advanced Total Hip and Total Knee Replacement (THKR) measures using the version of the Joint Commission Specifications Manual that corresponds to the patient’s discharge date. The THKR-5: Postoperative Functional/Health Status Assessment Data Mapping Resource Guide is aligned with the Joint Commission Specifications Manual, version 2026B. Consequently, some information contained in this resource may not align with earlier versions of the Specifications Manual. This resource will be reviewed and updated as future versions of the Joint Commission Specifications Manual are released. To review the Joint Commission Specification’s Manual versions, please visit: <https://manual.jointcommission.org>.
- This resource aligns with the AAOS 2026 Master Data Dictionary (MDD). Therefore, all acceptable values referenced throughout this document reflect the 2026 MDD and may differ from values published in legacy data specifications.

Joint Commission

 Symbol indicates a data element or allowable value includes a calculation component. Refer to the Joint Commission Specifications Manual Measure Algorithm for abstraction.

AAOS/AJRR Notes

 Symbol indicates that field values are processed through registry logic. Registry logic that is directly mapped to the numerator and exclusions are defined.

ProcedureDate: Must be present in order for the AJRR Registry logic to accurately determine numerator inclusion and applicable exclusions for this measure.

PatDeathDate: Date of patient death. Must be present when applicable for the AJRR Registry logic to accurately capture the Patient Death exclusion for this measure.

DSCHDISPCODE: Any valid CMS Patient Discharge Status Code (01 – 99). Must be present when applicable for the AJRR Registry logic to accurately capture the Patient Death exclusion for this measure.

PROMS_Date: Must be present in order for the AJRR Registry logic to accurately capture numerator inclusion for this measure.

Bilaterals:

- Only one side from each bilateral pair will be included in the measure calculation, unless both sides are excluded based on other criteria.
- For bilateral procedures, 2 rows of data must be submitted. The procedure dates and the surgeon NPI must be identical.

There are 3 options for submitting data:

- You may use a CPT code with Modifier to indicate that it is a bilateral procedure: then DxLat element must indicate the laterality.
- Secondly, you can submit a CPT code without Modifier: again, the DXLat must indicate laterality.
- If you submit an ICD10 code that specifies laterality: DXLat must match the ICD10 code.

DSCHDISPCODE

20 = Expired

41 = Expired in a medical facility

Exclusion Notes

- Patient Death Exclusion: To accurately identify patients who meet the death exclusion for THKR-5, the AJRR Registry must receive either a qualifying Discharge Disposition Code (DSCHDISPCODE) or a Patient Death Date (PatDeathDate). When Patient Death Date is used, it is evaluated in relation to the Procedure Date (Procedure Date) to determine whether the patient meets the exclusion criteria.