

the power of

DATA

The AAOS American Joint Replacement Registry

The American Joint Replacement Registry (AJRR) is part of the American Academy of Orthopaedic Surgeons (AAOS) Registry Program. Created in 2009, it has grown to be the world's largest national registry of hip and knee replacement data by annual procedural count. As of January 2023, the Registry contains data on over 3 million procedures from hospitals, ambulatory surgery centers (ASCs), and private practice groups in all 50 states and the District of Columbia.

By collecting and reporting data, the AJRR provides actionable information to guide physicians and patient decision making to improve care. Participation in the AJRR offers a wide variety of data reuse opportunities including requirements for quality initiatives, state collaboratives, advanced certifications, payment incentive and center of excellence programs, and research. Please see the Registry Data Reuse Opportunities for the comprehensive list.

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For more information and to stay up to date on new features and enhancements for AJRR, scan this QR code.

AAOS
AMERICAN ACADEMY OF
ORTHOPAEDIC SURGEONS

AJRR American
Joint Replacement
Registry

Data Element Overview

PROCEDURAL

Patient

- Name, Date of Birth, SSN
- Diagnosis (ICD-9/10)
- Gender
- Race/Ethnicity
- Height + Weight/BMI
- Payer Status

Site of Service

- Name and Address (TIN, NPI)

Surgeon

- Name (NPI)
- Trainee

Procedure

- Type (ICD-9/10)
- Date of Surgery, Length of Stay
- Surgical Approach
- Surgical Technique
- Laterality
- Implants (Manufacturer, Lot #)
- Anesthesia

COMORBIDITIES & COMPLICATIONS

- Comorbidities (ICD-9/10)
- CJR Risk Variables
- Height + Weight/Body Mass Index
- Length of Stay
- American Society of Anesthesiologists Score
- Charlson Index
- Post-operative Complications

PATIENT-REPORTED OUTCOME

Recommended:

- PROMIS-10 Global or VR-12
- HOOS, Jr.
- KOOS, Jr.

Also Accepted:

- SF-36 v1
- HOOS/KOOS
- Oxford Hip and Knee Scores
- Knee Society Knee Scoring System
- Harris Hip Score
- WOMAC (Modified via HOOS and KOOS)
- SF-12, EQ-5D, WOMAC (only accepting final scores)
- PROMIS-29
- PROMIS Anxiety
- PROMIS Depression
- PROMIS Pain Interference
- PROMIS-CAT*

**Accepting summary scores only*

This page is a summary of the AJRR data elements and is not all inclusive.

Joints Collected

- Hip
- Knee

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