

AMERICAN JOINT REPLACEMENT REGISTRY

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OVERVIEW

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 July 2020, the Registry contains data on over 2 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 initiative, state collaboratives, advanced certifications, payment incentive and center of excellence programs. Please see the [Registry Data Reuse Opportunities](#) for the comprehensive list.

GET STARTED



Organizations interested in participating in the American Joint Replacement Registry can contact RegistryEngagement@aaos.org.

DATA ELEMENT OVERVIEW

PROCEDURAL

Patient

- Name, Date of Birth, SSN
- Diagnosis (ICD-9/10, CPT)
- 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, CPT)
- Date of Surgery, Length of Stay
- Surgical Approach
- Surgical Technique
- Laterality
- Implants (Manufacturer, Lot #)
- Anesthesia

COMORBIDITIES & COMPLICATIONS

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

PATIENT-REPORTED OUTCOME

Recommended:

- PROMIS-10 Global
- 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)

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

MODULES AVAILABLE

- Hip Arthroplasty
- Knee Arthroplasty

Get Started Today by [Enrolling Here](#)