

## 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. AJRR's unique multi-disciplinary governance model is made up of surgeons; hospital, industry, and provider representatives, and members of the public – all to ensure that the needs and voice of each group are represented. By collecting and reporting data, the AJRR provides actionable information to guide physicians and patient decision making to improve care.

### Participation Benefits

Hospitals, surgery centers, practice groups, surgeons, and site administrators can all benefit from AJRR participation. The Registry's value includes:

- Informing decisions by utilizing AJRR metrics
- Meeting the participation standards of federal quality initiatives, insurer's distinction programs, and certification programs like the Comprehensive Care for Joint Replacement (CJR) program and The Joint Commission Advanced Total Hip and Total Knee Replacement (THKR) Certification
- Reducing complication and revision rates
- Sharing ideas through the User Group Network and discussing best practices
- Early detection capabilities for identifying poorly performing implants
- A Public Advisory Board that helps ensure the patient voice is represented
- Participating in a quality improvement program such as the AAOS Registry Program shows your patients your commitment to quality care

### Participation Features

- All-access Authorized User to manage site participation, *one account included*
- Data Submission User accounts to manage submissions, *unlimited accounts included*
- Surgeon User accounts to access dashboards on their patient care, *unlimited accounts for AAOS member surgeons*
- Ability to re-use data for performance and quality improvement initiatives including submission for the Centers for Medicare & Medicaid Services Merit-based Incentive Payment System and American Board of Orthopaedic Surgery Maintenance of Certification
- Dashboard access to national comparison and benchmarking reports
- Custom reports created by our Analytics team
- Access to our patient-reported outcome (PRO) platform to administer and analyze your patient surveys
- Comprehensive onboarding and training
- Access to monthly Registry webinars and ongoing data and technical support
- Facility's recognition in *Annual Report* and AAOS website

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**AAOS RegistryInsights™ Subscription**  
**\$3,500/year**

*Plus, a one-time \$750 configuration fee.*

# Data Elements

## AAOS American Joint Replacement Registry Hip and Knee Data Elements

### Procedural

#### Patient

- Name (Last, First)
- Date of Birth
- Social Security Number
- Diagnosis (ICD-9/10)
- Gender
- Race/Ethnicity

#### Hospital/Practice

- Name and Address

#### Surgeon

- Name (National Provider Identifier)

#### Procedure

- Type (ICD-9/10)
- Date of Surgery
- Laterality
- Implants

#### Other

- Comorbidities (ICD-9/10)
- Height + Weight/Body Mass Index
- Length of Stay
- American Society of Anesthesiologists Score
- Operative Complications

### Post-operative

- Operative and Post-operative Complications

#### 90-day Re-admission

- Re-admission Diagnosis (ICD-9/10)
- Re-admission Procedure Type (ICD-9/10)
- Re-admission Date/Discharge Date

### Patient-reported Outcome Measures

#### Recommended:

- PROMIS-10 Global
- VR-12
- HOOS/KOOS, JR.
- CJR Risk Variables

#### Also Available:

- 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)

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