

ASR Overview

The American Spine Registry (ASR) is a collaborative effort of the American Association of Neurological Surgeons (AANS) and the American Academy of Orthopaedic Surgeons (AAOS) that created a national quality improvement registry for spine care. Both organizations have joint ownership and leadership representation in this effort. The ASR will transform the Quality Outcomes Database (QOD) Spine Registry, currently the nation's largest spine Registry, into a more far-reaching program that facilitates the participation of all North American spine surgeons in a shared, quality data-collection platform.

The shared vision for the ASR is to:

- Utilize data to inform the AANS and the AAOS care guidelines and to establish benchmarks to test clinical performance and the validity of various quality measures, which are efforts critical to a value-based health care system
- Provide feedback to providers that allows them to continuously improve their practice and health care outcomes using methods applicable to all practice settings
- Reduce data reporting burdens on physicians and allow reuse of data for regulatory requirements and continuous quality improvement programs
- Help inform gaps in knowledge and define areas for further education and research

Participation Benefits and Features

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

- Informing decisions by utilizing ASR metrics
- Meeting the participation standards of federal quality initiatives, insurer's distinction programs, and certification programs
- Reducing complication and revision rates
- Standard and Vanguard levels of participation
- 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 reuse data for performance and quality improvement initiatives including submission for the Centers for Medicare & Medicaid Services' Merit-based Incentive Payment System and the American Board of Orthopaedic Surgery's Maintenance of Certification Part II
- Dashboard access to national comparison and benchmarking reports
- Custom reports created by our Analytics team
- Access to our patient-reported outcome (PRO) portal to administer and analyze your patient surveys
- Comprehensive onboarding and training
- Access to ongoing data and technical support

ASR Participation
\$5,000/year

ASR Data Elements

Procedural

Patient

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

Site of Service

- Name and Address (TIN/NPI)

Surgeon

- Name (NPI)

Procedure

- Type (ICD-9/10, CPT)*
- Date of Surgery
- Spinal Approach
- Implants and Grafts

Post-operative/Comorbidities

- Comorbidities (ICD-9/10, CPT)
- Height + Weight/Body Mass Index
- Length of Stay
- American Society of Anesthesiologists Score
- Operative and Post-operative Complications
- Secondary Surgical Procedures
- Anticoagulation

Patient-reported Outcome Measures**

- PROMIS-10 Global
- VR-12
- Oswestry Disability Index (ODI)
- Neck Disability Index (NDI)
- Numeric Rating Scale (NRS)

Two Modules Available

- Cervical Spine
- Lumbar Spine

**Vanguard sites utilize a smartform for additional procedural and diagnosis detail*

***Vanguard sites pursue longer PROMs post-operative follow-up (minimum one year) compared to standard sites (minimum 90 days)*

Get Started Today by Contacting
Engagement@AmericanSpineRegistry.org