

AMERICAN SPINE REGISTRY

OVERVIEW

The American Spine Registry (ASR), a partnership between the American Association of Neurological Surgeons (AANS) and the Academy, represents a collaboration to enhance and improve the quality of spine care by providing all North American spine surgeons with access to a shared data-collection program. The partnership incorporates the resources and experience of both organizations.

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
- Inform gaps in knowledge and define areas for further education and research

EXECUTIVE COMMITTEE

- **Anthony Asher, MD, FACS, Co-chairman**
Carolina NeuroSurgery & Spine Associates
- **Steven D. Glassman, MD, Co-chairman**
Norton Leatherman Spine Center
- **Todd Albert, MD**
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- **Darrel Brodke, MD**
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- **Kevin T. Foley, MD, FAANS**
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- **Jack Knightly, MD**
Atlantic Neurosurgical Specialists
- **David W. Polly, Jr., MD**
University of Minnesota
- **Chris Shaffrey, MD, FACS**
Duke University School of Medicine

GET STARTED



Organizations interested in participating in the American Spine Registry can contact Engagement@AmericanSpineRegistry.org.

DATA ELEMENT OVERVIEW

PROCEDURAL

Patient

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

Site of Service

- Name and Address (TIN/NPI)

Surgeon

- Name (NPI)

Procedure

- Type (ICD-10, CPT)*
- Date of Surgery
- Spinal Approach
- Implants and Grafts
- Comorbidities (ICD-10, CPT)
- Height + Weight/Body Mass Index
- Length of Stay
- American Society of Anesthesiologists Score

MODULES AVAILABLE

- Cervical
- Lumbar

POST-OPERATIVE

- Operative and Post-operative Complications
- Secondary Surgical Procedures
- Anticoagulation

PATIENT-REPORTED OUTCOME MEASURES**

Recommended

- Numeric Rating Scale (NRS)
- PROMIS Physical Function **or** Oswestry Disability Index (ODI) 2.1/Neck Disability Index (NDI)
- PROMIS-10 **or** VR-12

Additional Options Accepted

- PROMIS-29 **or** PROMIS-CAT
- PROMIS Emotional Distress – Depression
- PROMIS Emotional Distress – Anxiety
- PROMIS Pain Interference
- EQ-5D

**Vanguard sites utilize an operative form for additional procedural & diagnosis detail*

***Vanguard sites pursue longer PROMs post-operative follow-up (min 1 year) compared to standard sites (min 90 days)*

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

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