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# DATA

## The American Spine Registry

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 US-based 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

### Key Contributors: ASR Executive Committee

- **Anthony Asher, MD, FACS, Co-chair**  
Carolina NeuroSurgery & Spine Associates
- **Steven D. Glassman, MD, FAAOS, Co-chair**  
Norton Leatherman Spine Center
- **Todd Albert, MD, FAAOS**  
Hospital for Special Surgery
- **Darrel Brodke, MD, FAAOS**  
University of Utah Health
- **Kevin T. Foley, MD, FAANS**  
Semmes-Murphey Brain and Spine Care
- **Jack Knightly, MD, FACS**  
Atlantic Neurosurgical Specialists
- **David W. Polly, Jr., MD, FAAOS**  
University of Minnesota
- **Chris Shaffrey, MD, FAAOS, FACS**  
Duke University Health System



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

**American Spine Registry** 

*A partnership between  
American Association of Neurological Surgeons  
American Academy of Orthopaedic Surgeons*

# Data Element Overview

## PROCEDURAL

### Patient

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

### Site of Service

- Name and Address (TIN/NPI)

### Surgeon

- Name (NPI)

### Procedure

- Type (ICD-10)\*
- Date of Surgery
- Spinal Approach
- Implants and Grafts
- Comorbidities (ICD-10)
- 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

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

### Also Accepted

- PROMIS-29
- PROMIS Anxiety
- PROMIS Depression
- PROMIS Pain Interference
- PROMIS-CAT\*\*\*
- 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)*

*\*\*\*Accepting summary scores only*

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

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