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 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

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 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

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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