the power of
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

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

423
Participating Sites

19.35%
of Patient-reported Outcome Measures are Linked

246
Sites Utilize OP Forms

American Spine Registry ®

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

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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.

Get Started Today by Enrolling Here