



ASR Office Hours

September 24, 2024

Improving spine care through **data.**

American Spine Registry



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

Thank you for joining us today!

The webinar will begin at:

1 PM ET, 12 PM CT, 11 AM MT, 10 AM PT

We look forward to your participation!

TOPICS

- Registry Insights Dashboard Overview
- Overview of Vanguard Elements
- Participant Tools and Resource Updates
- Support Questions
- Q/A

American Spine Registry



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

Registry Insights Dashboard Overview

Dashboard Overview

- Procedures
- Post Discharge
- PROMs
- Pre Op PROMs
- Performance
- All Data

Procedures | Post Discharge | PROMs | PreOp PROMs | Performance | All Data

Procedure Type: All | PX Code Type: All | Diagnosis: All | Length of Stay: All | Payer Status: All | Encounter Date Range: Select all (2024, 2023, 2022, 2021, 2020, 2019, 2018, 2017)

Institution: All | Age Groups: All | Gender: All | Race: All

These filters only affect the "National" values in the visuals below

Institution Type: All | Bed Count: All | Teaching Status: All

Your Procedures

Total Procedures	Procedure Site	Mean Age	Mean CCI
1,244		50.66	110.80
Avg Length of Stay (days)	Avg Operative Time (minutes)	Mean BMI	
6.54	497.25		

Procedures | Post Discharge | PROMs | PreOp PROMs | Performance | All Data

Index PX Type: All | Index PX Code Type: All | Index Diagnosis: All | Index LOS: All | Index Payer Status: All | Encounter Date Range: Select all (2024, 2023, 2022, 2021, 2020, 2019, 2018, 2017)

Institution: All | Age Groups: All | Gender: All | Race: All

These filters only affect the "National" values in the visuals below

Institution Type: All | Bed Count: All | Teaching Status: All

Your Post Discharge Data

Your Total Paired with Index Procedure PostOps	Your Total Paired with Index Procedure Cases	Your Mean Age	Your Mean CCI
919	918	31.3	115.69
Average Length of Stay (days)	Avg Operative Time (minutes)	Mean BMI	
6.2	519.19		

Procedures | Post Discharge | PROMs | PreOp PROMs | Performance | All Data

Index PX Type: All | Index PX Code Type: All | Index Diagnosis: All | Index LOS: All | Index Payer Status: All | Encounter Date Range: Select all (2024, 2023, 2022, 2021, 2020, 2019, 2018, 2017)

Institution: All | Age Groups: All | Gender: All | Race: All

These filters only affect the "National" values in the visuals below

Institution Type: All | Bed Count: All | Teaching Status: All

Your PROMs

Your Paired with Index Procedure PROMs

Neck Disability Index	NRS Cervical	NRS Lumbar	Oswestry Disability Index
410	670	468	250
PreOp Assessment Count	PreOp Assessment Count	PreOp Assessment Count	PreOp Assessment Count
62.20%	49.55%	13.03%	17.60%
% Linked at 3 Months PostOp	% Linked at 3 Months PostOp	% Linked at 3 Months PostOp	% Linked at 3 Months PostOp
73.66%	40.00%	43.59%	44.00%
% Linked at 12 Months PostOp	% Linked at 12 Months PostOp	% Linked at 12 Months PostOp	% Linked at 12 Months PostOp
19.87%	36.94%	26.47%	21.82%
% MCID Achieved at 12 Months PostOp	% MCID Achieved at 12 Months PostOp	% MCID Achieved at 12 Months PostOp	% MCID Achieved at 12 Months PostOp

Procedures | Post Discharge | PROMs | PreOp PROMs | Performance | All Data

Index PX Type: All | Index PX Code Type: All | Index Diagnosis: All | Index LOS: All | Index Payer Status: All | Encounter Date Range: Select all (2024, 2023, 2022, 2021, 2020, 2019, 2018, 2017)

Institution: All | Age Groups: All | Gender: All | Race: All

These filters only affect the "National" values in the visuals below

Institution Type: All | Bed Count: All | Teaching Status: All

Your Performance Measures

Grouped Performance Measures

In Hospital Mortality	90 Day Readmission
3.62%	35.44%



Dashboard | Access Overview

The screenshot displays the AAOS Registry Insights Portal dashboard. At the top left, the AAOS logo (American Academy of Orthopaedic Surgeons) and the 'registry insights' logo are visible. On the top right, there are links for 'Feedback & Support', 'Update Password', and 'Sign out'. Below the header is a red navigation bar with the word 'HOME'. The main content area is titled 'My Registries' and features a card for the 'American Spine Registry' with an information icon. Below this is the 'Other Registries' section, which includes four cards: 'AJRR' (American Joint Replacement Registry), 'MSTR' (Musculoskeletal Tumor Registry), 'S&E' (Shoulder & Elbow Registry), and 'F&T' (Fracture & Trauma Registry). The footer contains the copyright notice '© 2012 - 2022 American Academy of Orthopaedic Surgeons' and links for 'Feedback', 'Privacy Policy', and 'Version: 2022.10.02.1'.

Registry dashboards are available
'on demand' when logging in to
the Registry Insights Portal

Data is refreshed nightly

Dashboard | Access Overview

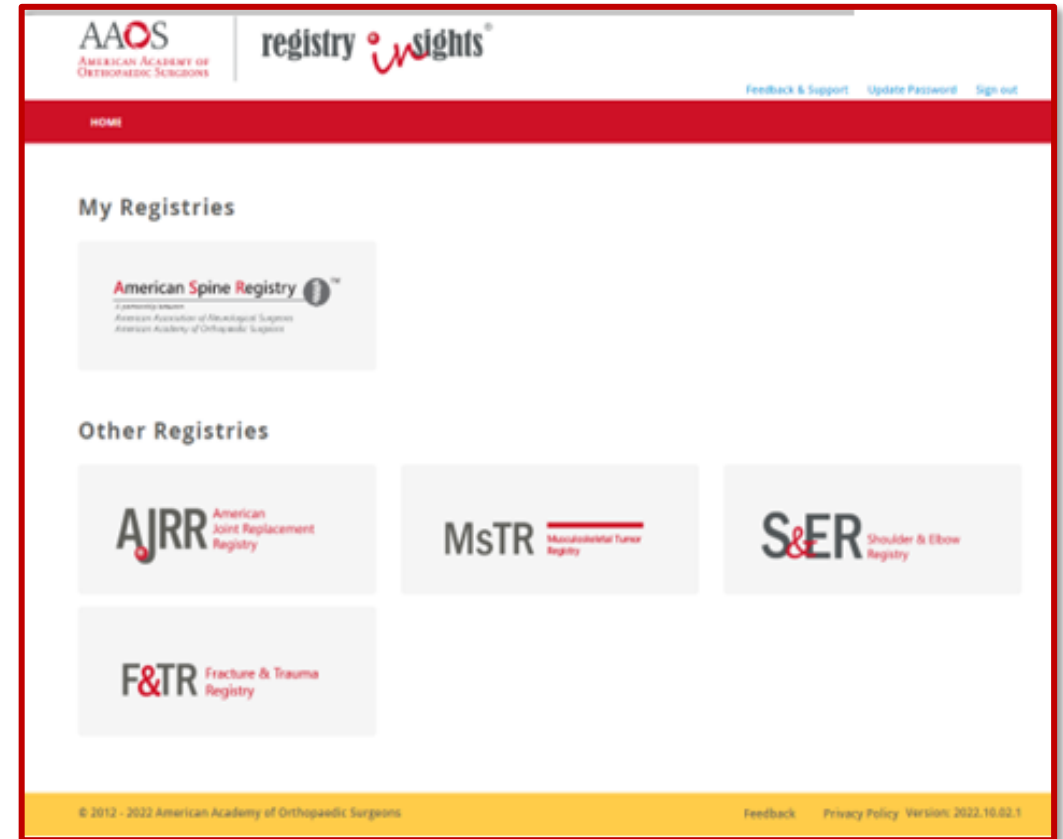
There are two dashboard views available:

Registry Authorized User:

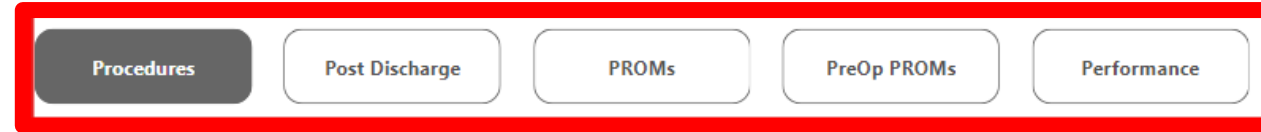
- Administrative users at participating sites
- These users can view data for their site or for multiple sites within a system

Surgeon Authorized User:

- Individual surgeon users at participating sites
- These users can view data for their procedures only
- These accounts are setup by the participating site



Dashboard | Tabbed View Summary



Tab	Description
Procedures	Displays aggregate case data for an individual institution, health care system or surgeon for comparisons against National and/or System Data for a specific registry
Post Discharge	Displays aggregate readmission case data for an individual institution, health care system or surgeon for comparisons against National and/or System Data for a specific registry
PROMs	Displays aggregate patient reported outcome data for an individual institution, health care system or surgeon for comparisons against National and/or System Data for a specific registry
PreOp PROMs	Displays aggregate preoperative patient reported outcome data for an individual institution, health care system or surgeon for a specific registry
Performance	Displays the quality program performance measure scores

Dashboard | Site & Surgeon Feedback

Registry Procedure T... Gender Age Groups Encounter Date Range

Multiple selections All All All 1/1/2007 12/31/2020

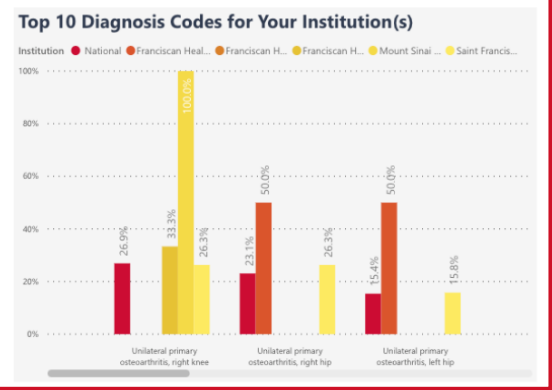
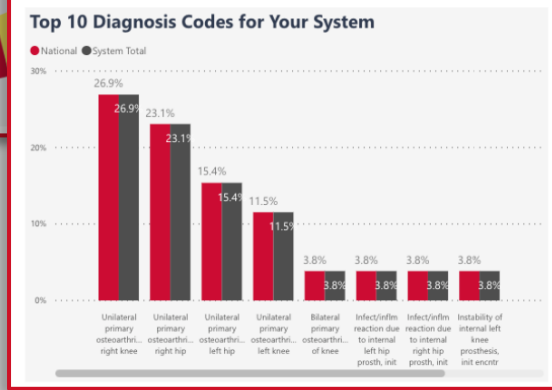
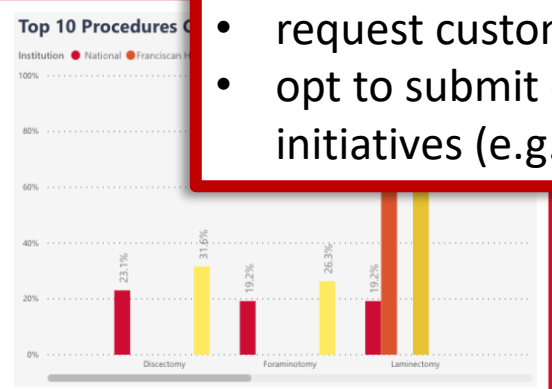
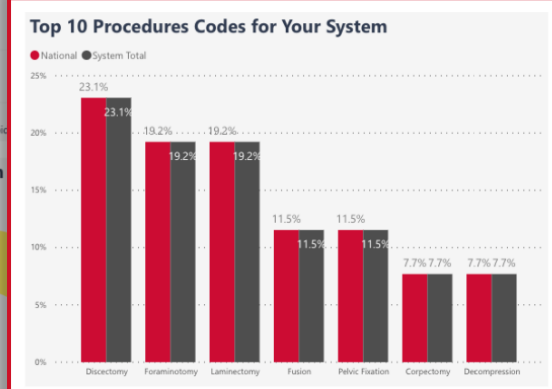
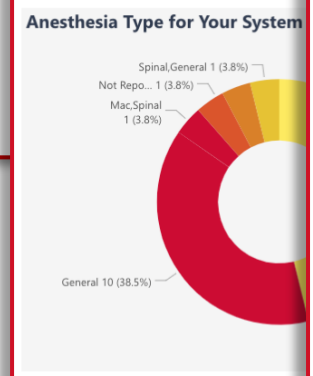
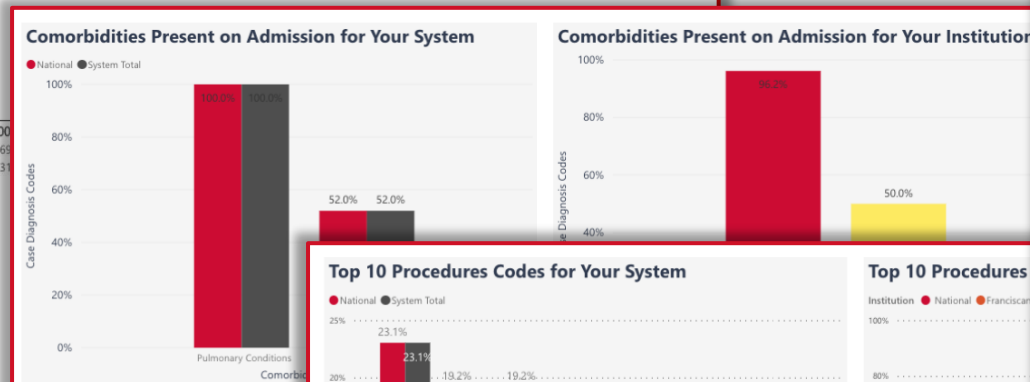
Institution All

Your Procedures

Gender	N	%
Total	26	100.00%
Female	15	57.69%
Male	11	42.31%

Procedure Type	N	%
Total	26	100.00%
Corpectomy	2	7.69%
Decompression	2	7.69%
Discectomy	6	23.08%
Foraminotomy	5	19.23%
Fusion	3	11.54%
Laminectomy	5	19.23%
Pelvic Fixation	3	11.54%

Procedure Type	Mean Age (years)
Total	71.31
Corpectomy	81.00
Decompression	73.50
Discectomy	66.17



Site Admins & Surgeons have accounts where they are able to:

- see their procedural, post-operative and PROM data
- compare themselves to national benchmarks
- request custom reports
- opt to submit data for quality initiatives (e.g. MOC, QPP)



Dashboard | PROM Management

AAOS AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS | registry insights™

UNET Community Feedback & Support Sign out

HOME SEARCH PRE-REGISTRATION DASHBOARD & REPORTS TOOLS & RESOURCES DATA MANAGEMENT ADMINISTRATION

HOME / REPORTS

Procedure Reports

- Count of Components by Type
- Count of Procedures by ICD-10 Procedure Codes
- Count of Procedures by CPT Procedure Codes
- Procedures With Component Information (ICD-10)
- Shoulder Procedures Submitted to SER (ICD-10)
- Count of Procedures By Surgeon

© 2012 - 2019 American Academy of Orthopaedic Surgeons

AAOS AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS | registry insights™

UNET Community Feedback & Support Sign out

HOME SEARCH PRE-REGISTRATION DASHBOARD & REPORTS TOOLS & RESOURCES DATA MANAGEMENT ADMINISTRATION

HOME / REPORTS / PROM PATIENT STATUS REPORT

Entries: 10 Results 1-10 of 1

ACCOUNT ID	HOSPITAL/ASC NAME	PATIENT ID	PATIENT LAST NAME	PATIENT FIRST NAME	PATIENT DATE OF BIRTH	PATIENT EMAIL ADDRESS	PATIENT PHONE TYPE	PATIENT PHONE NUMBER	PROCEDURE	LATERALITY	PLANNED SURGERY DATE	SURGEON NPI
1041062	SER Test Hospital 1	PRP30258	atAAOS	johnny	1/1/1980				Shoulder Arthroplasty	Left	1/24/2019	
1041062	SER Test Hospital 1	PRP30258	atAAOS	johnny	1/1/1980							
1041061	SER Test Hospital 5	PRP30261	Bobby	Ricky	7/16/2019							
1041061	SER Test Hospital 5	PRP30261	Bobby	Ricky	7/16/2019							
1041062	SER Test Hospital 1	PRP30246	Brown	Charlie	1/1/1980				Arthroplasty	Left	1/20/2019	
1041062	SER Test Hospital 1	PRP30246	Brown	Charlie	1/1/1980				Shoulder Arthroplasty	Left	1/20/2019	
1041062	SER Test Hospital 1	PRP30235	butkus	dick	1/1/1980				Shoulder Arthroplasty	Left	1/20/2019	

PRE-REGISTRATION FORM PRE-REGISTRATION UPLOAD

This form allows AJRR Users to pre-register patients prior to surgery for pre-operative, patient-reported outcome measures (PROMs) data collection. Once the form has been submitted, a patient pre-operative case will be added to the Registry. The pre-registration process permits users to collect PROMs from patients via the AJRR platform through the patient kiosk or through manual entry of a patients' PROMs responses into the platform if collected by paper or clinician/surrogate administration.

PART 2: Pre-Operative Case Information

Please complete all applicable required and optional fields of the pre-operative case section. Case information is required for all cases to be added to the Registry. Please note that all case data requested pertains to future procedures.

Planned Proc Date

Procedure Site

Institution

Surgeon

Payer info

Submit

PART 1: Patient demographic details

Please complete all applicable required and optional fields of the patient demographic section. Note: Email is conditionally required, however if you are administering assessments via email you must provide a patient email or the system will not be able to send the email to the patient.

If the Patient Social Security Number (SSN) is not available, please select the 'Not Available' option next to the Social Security field. Please note that the Registry also accepts the last 4 digits of the SSN. Patient SSN assists the Registry with achieving its mission through the ability to track longitudinal device information.

Social Security*

Not Available

Email

PROM submission can occur via existing site systems/technology, via manual upload, or through the ASR PROM solution



American Spine Registry



A partnership between

American Association of Neurological Surgeons

American Academy of Orthopaedic Surgeons

Overview of Vanguard Elements

Overview of Vanguard Elements

- What are Vanguard Elements?
 - Optional procedural data elements
 - Collected from the Cervical/Lumbar Spine Op Forms

Overview of Vanguard Elements

Cervical Spine Vanguard Elements

- Primary Symptoms
- Neural Compression
- Structural Pathology
- Approach
- Workers Comp Status
- Estimated Blood loss in cc
- Patient Thirty Day Mortality
- Minimally Invasive
- Supplemental Technique
- Is this part of a planned multi-stage procedure?
- Is this a revision procedure?
- Procedural interventions at Occiput
- Procedural interventions by Level
- Graft Material
- Neuromonitoring
- Complications

ASR



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

9400 West Higgins Road
 Rosemont, IL 60018-4975


847-292-0530 | ASR@aaos.org
www.AmericanSpineRegistry.org

Primary Symptoms				
Neck Pain <input type="checkbox"/>		Myelopathy <input type="checkbox"/>		
Arm Pain <input type="checkbox"/> Right <input type="checkbox"/> Left <input type="checkbox"/> Both		Motor weakness <input type="checkbox"/> Right <input type="checkbox"/> Left <input type="checkbox"/> Both		
Neural Compression				
None <input type="checkbox"/>		Foraminal <input type="checkbox"/> Right <input type="checkbox"/> Left <input type="checkbox"/> Both		
Central <input type="checkbox"/>		Extraforaminal <input type="checkbox"/> Right <input type="checkbox"/> Left <input type="checkbox"/> Both		
Recurrent compression <input type="checkbox"/>		Cord signal change <input type="checkbox"/>		
Structural Pathology				
None <input type="checkbox"/>		Stenosis <input type="checkbox"/>	Fracture <input type="checkbox"/>	Adjacent segment disease <input type="checkbox"/>
Disc Herniation <input type="checkbox"/>		Pseudarthrosis <input type="checkbox"/>	Tumor <input type="checkbox"/>	
Spondylosis/Disc space collapse <input type="checkbox"/>		Kyphosis <input type="checkbox"/>	Infection <input type="checkbox"/>	
Approach				
		Anterior <input type="checkbox"/>	Posterior <input type="checkbox"/>	
Minimally Invasive				
		Tubular <input type="checkbox"/>	Endoscopic <input type="checkbox"/>	Mini-Open <input type="checkbox"/>
		Microscope <input type="checkbox"/>	Navigated <input type="checkbox"/>	Robotic <input type="checkbox"/>
Supplemental Technique				
		Microscope <input type="checkbox"/>	Navigated <input type="checkbox"/>	Robotic <input type="checkbox"/>
		This is part of a multi-stage procedure <input type="checkbox"/>	This is a revision procedure <input type="checkbox"/>	
Level	Decompression	Fusion	Implants	Revision Status
Occ			Plate <input type="checkbox"/> Screw <input type="checkbox"/>	Decompression <input type="checkbox"/> Instrumentation <input type="checkbox"/> Fusion <input type="checkbox"/>
Occ-C1		ACF <input type="checkbox"/> PCF <input type="checkbox"/>		
C1	Laminectomy <input type="checkbox"/>	ACF <input type="checkbox"/> PCF <input type="checkbox"/>	Plate <input type="checkbox"/> Screw <input type="checkbox"/>	Decompression <input type="checkbox"/> Instrumentation <input type="checkbox"/> Fusion <input type="checkbox"/>
C1-C2				
C2	Odontoidectomy <input type="checkbox"/> Laminectomy <input type="checkbox"/>	ACF <input type="checkbox"/> PCF <input type="checkbox"/>	Structural bone <input type="checkbox"/> Cage <input type="checkbox"/> Plate <input type="checkbox"/>	Decompression <input type="checkbox"/> Instrumentation <input type="checkbox"/> Fusion <input type="checkbox"/>
C2-C3	Discectomy <input type="checkbox"/> Foraminotomy <input type="checkbox"/>	ACF <input type="checkbox"/> PCF <input type="checkbox"/>	Cage <input type="checkbox"/> Plate <input type="checkbox"/> Screw <input type="checkbox"/>	Decompression <input type="checkbox"/> Instrumentation <input type="checkbox"/> Fusion <input type="checkbox"/>
C3	Corpectomy <input type="checkbox"/> Laminoplasty <input type="checkbox"/> Laminectomy <input type="checkbox"/>	ACCF <input type="checkbox"/> ACDF <input type="checkbox"/> PCF <input type="checkbox"/>	Structural bone <input type="checkbox"/> Cage <input type="checkbox"/> Plate <input type="checkbox"/> TDR <input type="checkbox"/> Screw <input type="checkbox"/>	Decompression <input type="checkbox"/> Instrumentation <input type="checkbox"/> Fusion <input type="checkbox"/>
C3-C4	Discectomy <input type="checkbox"/> Foraminotomy <input type="checkbox"/>	ACCF <input type="checkbox"/> ACDF <input type="checkbox"/> PCF <input type="checkbox"/>	Structural bone <input type="checkbox"/> Cage <input type="checkbox"/> Plate <input type="checkbox"/> TDR <input type="checkbox"/> Screw <input type="checkbox"/>	Decompression <input type="checkbox"/> Instrumentation <input type="checkbox"/> Fusion <input type="checkbox"/>
C4	Corpectomy <input type="checkbox"/> Laminoplasty <input type="checkbox"/> Laminectomy <input type="checkbox"/>	ACCF <input type="checkbox"/> ACDF <input type="checkbox"/> PCF <input type="checkbox"/>	Structural bone <input type="checkbox"/> Cage <input type="checkbox"/> Plate <input type="checkbox"/> TDR <input type="checkbox"/> Screw <input type="checkbox"/>	Decompression <input type="checkbox"/> Instrumentation <input type="checkbox"/> Fusion <input type="checkbox"/>
C4-C5	Discectomy <input type="checkbox"/> Foraminotomy <input type="checkbox"/>	ACCF <input type="checkbox"/> ACDF <input type="checkbox"/> PCF <input type="checkbox"/>	Structural bone <input type="checkbox"/> Cage <input type="checkbox"/> Plate <input type="checkbox"/> TDR <input type="checkbox"/> Screw <input type="checkbox"/>	Decompression <input type="checkbox"/> Instrumentation <input type="checkbox"/> Fusion <input type="checkbox"/>
C5	Corpectomy <input type="checkbox"/> Laminoplasty <input type="checkbox"/> Laminectomy <input type="checkbox"/>	ACCF <input type="checkbox"/> ACDF <input type="checkbox"/> PCF <input type="checkbox"/>	Structural bone <input type="checkbox"/> Cage <input type="checkbox"/> Plate <input type="checkbox"/> TDR <input type="checkbox"/> Screw <input type="checkbox"/>	Decompression <input type="checkbox"/> Instrumentation <input type="checkbox"/> Fusion <input type="checkbox"/>
C5-C6	Discectomy <input type="checkbox"/> Foraminotomy <input type="checkbox"/>	ACCF <input type="checkbox"/> ACDF <input type="checkbox"/> PCF <input type="checkbox"/>	Structural bone <input type="checkbox"/> Cage <input type="checkbox"/> Plate <input type="checkbox"/> TDR <input type="checkbox"/> Screw <input type="checkbox"/>	Decompression <input type="checkbox"/> Instrumentation <input type="checkbox"/> Fusion <input type="checkbox"/>
C6	Corpectomy <input type="checkbox"/> Laminoplasty <input type="checkbox"/> Laminectomy <input type="checkbox"/>	ACCF <input type="checkbox"/> ACDF <input type="checkbox"/> PCF <input type="checkbox"/>	Structural bone <input type="checkbox"/> Cage <input type="checkbox"/> Plate <input type="checkbox"/> TDR <input type="checkbox"/> Screw <input type="checkbox"/>	Decompression <input type="checkbox"/> Instrumentation <input type="checkbox"/> Fusion <input type="checkbox"/>
C6-C7	Discectomy <input type="checkbox"/> Foraminotomy <input type="checkbox"/>	ACCF <input type="checkbox"/> ACDF <input type="checkbox"/> PCF <input type="checkbox"/>	Structural bone <input type="checkbox"/> Cage <input type="checkbox"/> Plate <input type="checkbox"/> TDR <input type="checkbox"/> Screw <input type="checkbox"/>	Decompression <input type="checkbox"/> Instrumentation <input type="checkbox"/> Fusion <input type="checkbox"/>
C7	Corpectomy <input type="checkbox"/> Laminoplasty <input type="checkbox"/> Laminectomy <input type="checkbox"/>	ACCF <input type="checkbox"/> ACDF <input type="checkbox"/> PCF <input type="checkbox"/>	Structural bone <input type="checkbox"/> Cage <input type="checkbox"/> Plate <input type="checkbox"/> TDR <input type="checkbox"/> Screw <input type="checkbox"/>	Decompression <input type="checkbox"/> Instrumentation <input type="checkbox"/> Fusion <input type="checkbox"/>
C7-T1	Discectomy <input type="checkbox"/> Foraminotomy <input type="checkbox"/>	ACCF <input type="checkbox"/> ACDF <input type="checkbox"/> PCF <input type="checkbox"/>	Structural bone <input type="checkbox"/> Cage <input type="checkbox"/> Plate <input type="checkbox"/> TDR <input type="checkbox"/> Screw <input type="checkbox"/>	Decompression <input type="checkbox"/> Instrumentation <input type="checkbox"/> Fusion <input type="checkbox"/>
T1	Corpectomy <input type="checkbox"/> Laminoplasty <input type="checkbox"/> Laminectomy <input type="checkbox"/>	ACCF <input type="checkbox"/> ACDF <input type="checkbox"/> PCF <input type="checkbox"/>	Structural bone <input type="checkbox"/> Cage <input type="checkbox"/> Plate <input type="checkbox"/> TDR <input type="checkbox"/> Screw <input type="checkbox"/>	Decompression <input type="checkbox"/> Instrumentation <input type="checkbox"/> Fusion <input type="checkbox"/>
T1-T2	Discectomy <input type="checkbox"/> Foraminotomy <input type="checkbox"/>	ACCF <input type="checkbox"/> ACDF <input type="checkbox"/> PCF <input type="checkbox"/>	Structural bone <input type="checkbox"/> Cage <input type="checkbox"/> Plate <input type="checkbox"/> TDR <input type="checkbox"/> Screw <input type="checkbox"/>	Decompression <input type="checkbox"/> Instrumentation <input type="checkbox"/> Fusion <input type="checkbox"/>
T2	Corpectomy <input type="checkbox"/> Laminoplasty <input type="checkbox"/> Laminectomy <input type="checkbox"/>	ACCF <input type="checkbox"/> ACDF <input type="checkbox"/> PCF <input type="checkbox"/>	Structural bone <input type="checkbox"/> Cage <input type="checkbox"/> Plate <input type="checkbox"/> TDR <input type="checkbox"/> Screw <input type="checkbox"/>	Decompression <input type="checkbox"/> Instrumentation <input type="checkbox"/> Fusion <input type="checkbox"/>
T2-T3	Discectomy <input type="checkbox"/> Foraminotomy <input type="checkbox"/>	ACCF <input type="checkbox"/> ACDF <input type="checkbox"/> PCF <input type="checkbox"/>	Structural bone <input type="checkbox"/> Cage <input type="checkbox"/> Plate <input type="checkbox"/> TDR <input type="checkbox"/> Screw <input type="checkbox"/>	Decompression <input type="checkbox"/> Instrumentation <input type="checkbox"/> Fusion <input type="checkbox"/>
T3	Corpectomy <input type="checkbox"/> Laminoplasty <input type="checkbox"/> Laminectomy <input type="checkbox"/>	ACCF <input type="checkbox"/> ACDF <input type="checkbox"/> PCF <input type="checkbox"/>	Structural bone <input type="checkbox"/> Cage <input type="checkbox"/> Plate <input type="checkbox"/> TDR <input type="checkbox"/> Screw <input type="checkbox"/>	Decompression <input type="checkbox"/> Instrumentation <input type="checkbox"/> Fusion <input type="checkbox"/>
Graft Material	Iliac Crest <input type="checkbox"/> Cancellous Allograft <input type="checkbox"/> BMP <input type="checkbox"/>	Local autograft <input type="checkbox"/> Structural Allograft <input type="checkbox"/> Stem cells <input type="checkbox"/>	Bone Marrow Aspirate <input type="checkbox"/> DBM <input type="checkbox"/> Other <input type="checkbox"/> , specify	
Neuromonitoring	None <input type="checkbox"/>	EMG <input type="checkbox"/> MEP <input type="checkbox"/>	SSEP <input type="checkbox"/>	
Complications	None <input type="checkbox"/>	Durotomy <input type="checkbox"/>	Implant-related <input type="checkbox"/>	
	Neurologic <input type="checkbox"/>	Other <input type="checkbox"/> , specify		

Overview of Vanguard Elements

Lumbar Spine Vanguard Elements

- Primary Symptoms
- Neural Compression
- Structural Pathology
- Approach
- Workers Comp Status
- Estimated Blood loss in cc
- Patient Thirty Day Mortality
- Minimally Invasive
- Supplemental Technique
- Is this part of a planned multi-stage procedure?
- Is this a revision procedure?
- Procedural interventions at Pelvis
- Procedural interventions by Level
- Graft Material
- Neuromonitoring
- Complications

American Spine Registry 
A partnership between
 American Association of Neurological Surgeons
 American Association of Orthopedic Surgeons

Primary Symptoms (Check ALL that apply)
 Back Pain Neurogenic Claudication Motor weakness Right Left Both
 Leg Pain Right Left Both Cauda equina

Neural Compression (Check ALL that apply)
 None Recurrent compression Lateral recess Right Left Both
 Central Foraminal Right Left Both Extraforaminal Right Left Both

Structural Pathology (Check ALL that apply)
 None Disc space collapse Adjacent Segment Fracture
 Disc Herniation Pseudarthrosis Spondylolisthesis/Instability Tumor
 Stenosis Scoliosis Kyphosis / Flatback Infection

Approach Anterior/Oblique Transposoa Posterior
Minimally Invasive Tubular Endoscopic Mini-Open Percutaneous screw
Supplemental Technique Microscope Navigated Robotic
This is part of a multi-stage procedure **This is a revision procedure**

Level	Decompression	Implants	Fusion	Revision Status
T10	Corpectomy <input type="checkbox"/>	Screw <input type="checkbox"/>		
T10-11	Foraminotomy <input type="checkbox"/>	Cage <input type="checkbox"/>	PLF <input type="checkbox"/> TLIF <input type="checkbox"/>	Revision Decompression <input type="checkbox"/>
	Laminectomy <input type="checkbox"/>	Plate <input type="checkbox"/>	ALIF <input type="checkbox"/> LLIF <input type="checkbox"/>	Revision Instrumentation <input type="checkbox"/>
	Discectomy <input type="checkbox"/>	Other <input type="checkbox"/> , sp	Facet/Lamina <input type="checkbox"/>	Revision Fusion <input type="checkbox"/>
T11	Corpectomy <input type="checkbox"/>	Screw <input type="checkbox"/>		
T11-12	Foraminotomy <input type="checkbox"/>	Cage <input type="checkbox"/>	PLF <input type="checkbox"/> TLIF <input type="checkbox"/>	Revision Decompression <input type="checkbox"/>
	Laminectomy <input type="checkbox"/>	Plate <input type="checkbox"/>	ALIF <input type="checkbox"/> LLIF <input type="checkbox"/>	Revision Instrumentation <input type="checkbox"/>
	Discectomy <input type="checkbox"/>	Other <input type="checkbox"/> , sp	Facet/Lamina <input type="checkbox"/>	Revision Fusion <input type="checkbox"/>
T12	Corpectomy <input type="checkbox"/>	Screw <input type="checkbox"/>		
T12-L1	Foraminotomy <input type="checkbox"/>	Cage <input type="checkbox"/>	PLF <input type="checkbox"/> TLIF <input type="checkbox"/>	Revision Decompression <input type="checkbox"/>
	Laminectomy <input type="checkbox"/>	Plate <input type="checkbox"/>	ALIF <input type="checkbox"/> LLIF <input type="checkbox"/>	Revision Instrumentation <input type="checkbox"/>
	Discectomy <input type="checkbox"/>	Other <input type="checkbox"/> , sp	Facet/Lamina <input type="checkbox"/>	Revision Fusion <input type="checkbox"/>
L1	Corpectomy <input type="checkbox"/>	Screw <input type="checkbox"/>		
L1-L2	Foraminotomy <input type="checkbox"/>	Cage <input type="checkbox"/>	PLF <input type="checkbox"/> TLIF <input type="checkbox"/>	Revision Decompression <input type="checkbox"/>
	Laminectomy <input type="checkbox"/>	Plate <input type="checkbox"/>	ALIF <input type="checkbox"/> LLIF <input type="checkbox"/>	Revision Instrumentation <input type="checkbox"/>
	Discectomy <input type="checkbox"/>	Other <input type="checkbox"/> , sp	Facet/Lamina <input type="checkbox"/>	Revision Fusion <input type="checkbox"/>
L2	Corpectomy <input type="checkbox"/>	Screw <input type="checkbox"/>		
L2-L3	Foraminotomy <input type="checkbox"/>	Cage <input type="checkbox"/>	PLF <input type="checkbox"/> TLIF <input type="checkbox"/>	Revision Decompression <input type="checkbox"/>
	Laminectomy <input type="checkbox"/>	Plate <input type="checkbox"/>	ALIF <input type="checkbox"/> LLIF <input type="checkbox"/>	Revision Instrumentation <input type="checkbox"/>
	Discectomy <input type="checkbox"/>	Other <input type="checkbox"/> , sp	Facet/Lamina <input type="checkbox"/>	Revision Fusion <input type="checkbox"/>
L3	Corpectomy <input type="checkbox"/>	Screw <input type="checkbox"/>		
L3-L4	Foraminotomy <input type="checkbox"/>	Cage <input type="checkbox"/>	PLF <input type="checkbox"/> TLIF <input type="checkbox"/>	Revision Decompression <input type="checkbox"/>
	Laminectomy <input type="checkbox"/>	Plate <input type="checkbox"/>	ALIF <input type="checkbox"/> LLIF <input type="checkbox"/>	Revision Instrumentation <input type="checkbox"/>
	Discectomy <input type="checkbox"/>	Other <input type="checkbox"/> , sp	Facet/Lamina <input type="checkbox"/>	Revision Fusion <input type="checkbox"/>
L4	Corpectomy <input type="checkbox"/>	Screw <input type="checkbox"/>		
L4-L5	Foraminotomy <input type="checkbox"/>	Cage <input type="checkbox"/>	PLF <input type="checkbox"/> TLIF <input type="checkbox"/>	Revision Decompression <input type="checkbox"/>
	Laminectomy <input type="checkbox"/>	Plate <input type="checkbox"/>	ALIF <input type="checkbox"/> LLIF <input type="checkbox"/>	Revision Instrumentation <input type="checkbox"/>
	Discectomy <input type="checkbox"/>	Other <input type="checkbox"/> , sp	Facet/Lamina <input type="checkbox"/>	Revision Fusion <input type="checkbox"/>
L5	Corpectomy <input type="checkbox"/>	Screw <input type="checkbox"/>		
L5-S1	Foraminotomy <input type="checkbox"/>	Cage <input type="checkbox"/>	PLF <input type="checkbox"/> TLIF <input type="checkbox"/>	Revision Decompression <input type="checkbox"/>
	Laminectomy <input type="checkbox"/>	Plate <input type="checkbox"/>	ALIF <input type="checkbox"/> LLIF <input type="checkbox"/>	Revision Instrumentation <input type="checkbox"/>
	Discectomy <input type="checkbox"/>	Other <input type="checkbox"/> , sp	Facet/Lamina <input type="checkbox"/>	Revision Fusion <input type="checkbox"/>
L5-L6	Foraminotomy <input type="checkbox"/>	Cage <input type="checkbox"/>	PLF <input type="checkbox"/> TLIF <input type="checkbox"/>	Revision Decompression <input type="checkbox"/>
	Laminectomy <input type="checkbox"/>	Plate <input type="checkbox"/>	ALIF <input type="checkbox"/> LLIF <input type="checkbox"/>	Revision Instrumentation <input type="checkbox"/>
	Discectomy <input type="checkbox"/>	Other <input type="checkbox"/> , sp	Facet/Lamina <input type="checkbox"/>	Revision Fusion <input type="checkbox"/>
L6	Corpectomy <input type="checkbox"/>	Screw <input type="checkbox"/>		
L6-S1	Foraminotomy <input type="checkbox"/>	Cage <input type="checkbox"/>	PLF <input type="checkbox"/> TLIF <input type="checkbox"/>	Revision Decompression <input type="checkbox"/>
	Laminectomy <input type="checkbox"/>	Plate <input type="checkbox"/>	ALIF <input type="checkbox"/> LLIF <input type="checkbox"/>	Revision Instrumentation <input type="checkbox"/>
	Discectomy <input type="checkbox"/>	Other <input type="checkbox"/> , sp	Facet/Lamina <input type="checkbox"/>	Revision Fusion <input type="checkbox"/>
S1	Corpectomy <input type="checkbox"/>	Screw <input type="checkbox"/>		
Pelvis	S2AI <input type="checkbox"/>		Iliac Bolts <input type="checkbox"/>	Facet/Lamina <input type="checkbox"/> Revision Fusion <input type="checkbox"/>
Graft Material	Iliac Crest <input type="checkbox"/> Cancellous Allograft <input type="checkbox"/> BMP <input type="checkbox"/>	Local autograft <input type="checkbox"/> Structural Allograft <input type="checkbox"/> Stem cells <input type="checkbox"/>	Bone Marrow Aspirate <input type="checkbox"/> DBM <input type="checkbox"/> Other <input type="checkbox"/> , specify	
Neuromonitoring	None <input type="checkbox"/>	EMG <input type="checkbox"/> MEP <input type="checkbox"/>	SSEP <input type="checkbox"/>	
Complications	None <input type="checkbox"/>	Durotomy <input type="checkbox"/>	Implant-related <input type="checkbox"/>	Neurologic <input type="checkbox"/> Other <input type="checkbox"/> , specify

ASR



Overview of Vanguard Elements

- What are the benefits of Vanguard Elements?
 - Provide additional procedural data
 - Capture data that cannot be interpreted by diagnostic coding
- What is the process of capturing Vanguard Elements?
 - Op form documentation by Paper or Electronic documentation (Epic users only)
 - Completed by Surgeon or surgical staff at the conclusion of the procedure

Overview of Vanguard Elements

- What are the challenges of capturing Vanguard Elements?
 - Additional workflow for Surgeon or surgical staff
 - Not all sites have access to the electronic version
 - Paper version must be manually entered into the Procedure file submitted to ASR

American Spine Registry



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

Tools and Resource Updates

Tools and Resources Updates

The Tools and Resources section has been updated to improve the organization of instructional documents. Explore the new layout in the menu.

The screenshot displays the American Spine Registry (ASR) website interface. At the top left, the ASR logo is accompanied by the text: "American Spine Registry™ A partnership between American Association of Neurological Surgeons American Academy of Orthopaedic Surgeons". To its right is the "registry insights" logo. A yellow "ASR" button is located in the top right corner. A red navigation bar contains the following items: HOME, SEARCH, PRO PORTAL, DASHBOARD & REPORTS, TOOLS & RESOURCES (highlighted with a yellow box), DATA MANAGEMENT, and ADMINISTRATION. A secondary navigation bar includes links for Registry Insights, Report Password, Feedback & Support, Update Password, and Sign out. Below the navigation bar, there are two news items: "7/12/24 The Tools and Resources section was updated to improve the organization of instructional documents. Explore the new layout in the menu." and "6/21/24 New visuals for the Blue Cross Blue Shield Blue Distinctive Performance Measures tab. View the 6.20 Release Notes in the Tools and Resources section to learn more." The "Stats" section features four panels: "Registry Total Procedures" (361.67 K), "Your Breakdown" (a donut chart showing Cervical at 55.95% and Lumbar at 44.05%), "Your Total Procedures" (1.27 K), and "Actual Cases" (Earliest Procedure: 8/26/2018, Latest Procedure: 7/28/2023).

Tools and Resources Updates | Post Op Guide

This guide outlines the criteria for inclusion of post-operative cases to ASR



Inclusion Criteria Guide for Post-Operative Case File Submission

Introduction:

The following guide outlines the criteria for inclusion of post-operative cases to the American Spine Registry to ensure comprehensive and accurate data submission.

Inclusion Criteria

- Inclusion in Post-Operative File must pertain to patients who have been **readmitted or admitted** (if the index procedure was performed in outpatient setting) **within 90 days** of the index procedure date.
- Inclusion in the Post-Operative File also comprises cases where an unplanned return to the OR occurs within the same admission of the index procedure.
- Planned or Multistage procedures are **excluded** from the post operative file.
- Inclusion in the Post-Operative File comprises cases where readmission or admission (if the index procedure was performed in outpatient setting) has occurred for **any diagnosed cause**.
- **Each readmission episode may be submitted as a distinct case**, provided that the readmission episode for the patient occurs within 90 days of the index procedure date.
- While a readmission diagnosis code (**RE_DX_1**) is mandatory for inclusion, a procedure code (**RE_PX_1**) is optional.

Required Data Fields

The following fields are required for processing Post-Operative Case files. Please consult the ASR Cervical and Lumbar Spine Module Data Specifications for detailed descriptions of acceptable values for each field.

Field Name	
Registry	Required for Processing
Module	Required for Processing
Version	Required for Processing

Tools and Resources Updates | PROMs Guide

This guide offers resources for accessing Patient-Reported Outcome Measures (PROMs) approved by ASR



American Spine Registry Patient-Reported Outcome Measures Resource Guide

Introduction:

This guide offers resources for accessing Patient-Reported Outcome Measures (PROMs) approved by the American Spine Registry.

General Health Assessment Patient-Reported Outcome Measures:

PROMIS-10 Global	[PDF]	Web Version with scoring	MCID* data and visualized metrics for this measure are available in the dashboard. This measure can be used to calculate the numerator for TJC ACSS-04 and ACSS-08 measures.
VR-12	[PDF]	Web Version with scoring	MCID* data and visualized metrics for this measure are available in the dashboard. This measure can be used to calculate the numerator for TJC ACSS-04 and ACSS-08 measures

Spine Specific Patient-Reported Outcome Measures:

NDI	[PDF]	Web Version with scoring	MCID* data and visualized metrics for this measure are available in the dashboard. This measure can be used to calculate the numerator for TJC ACSS-04 and ACSS-08 measures
ODI	[PDF]	Web Version with scoring	MCID* data and visualized metrics for this measure are available in the dashboard. This measure can be used to calculate the numerator for TJC ACSS-04 and ACSS-08 measures
ODI 2.0	[PDF]		MCID* data and visualized metrics for this measure are available in the dashboard. This measure can be used to calculate the numerator for TJC ACSS-04 and ACSS-08 measures

* Minimal Clinically Important Difference (MCID) is defined as the smallest change in a treatment outcome that an individual patient would identify as important, and which would indicate a change in the patient's management.

Support Questions

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

registry insights[®]

[Registry Insights Report Password](#)

[Feedback & Support](#)

[Update Password](#)

[Sign out](#)

ASR 

[HOME](#) [SEARCH](#) [PRO PORTAL](#) [DASHBOARD & REPORTS](#) [TOOLS & RESOURCES](#) [DATA MANAGEMENT](#) [ADMINISTRATION](#)

[HOME](#) [PROM HOME](#) [INDUSTRY HOME](#)

7/12/24 The Tools and Resources section was updated to improve the organization of instructional documents. Explore the new layout in the menu.

Registry Insights SFTP Changes. Refer to the announcement below.




6/21/24 New visuals for the Blue Cross Blue Shield Blue Distinction program were added to the Performance Measures tab. View the 6.20 Release Notes in the Tools and Resources section to learn more.

Stats

Registry Total Procedures

361.92 K

Your Breakdown

 NR (0%)
 Cervical (32.93%)
 Lumbar (67.07%)



Your Total Procedures

361.92 K

Actual Cases

Earliest Procedure

4/16/2015

Latest Procedure

7/12/2024





Questions?

Info@AmericanSpineRegistry.org

www.americanspineregistry.org

Improving spine care through **data.**