



# ASR Office Hours

**November 26, 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 PROMs Reports
- Support Questions
- Q/A

# American Spine Registry



*A partnership between*

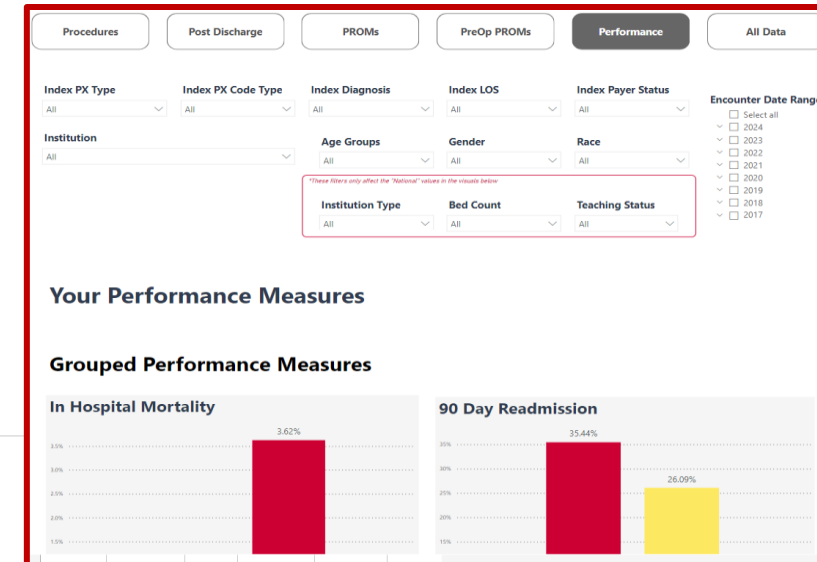
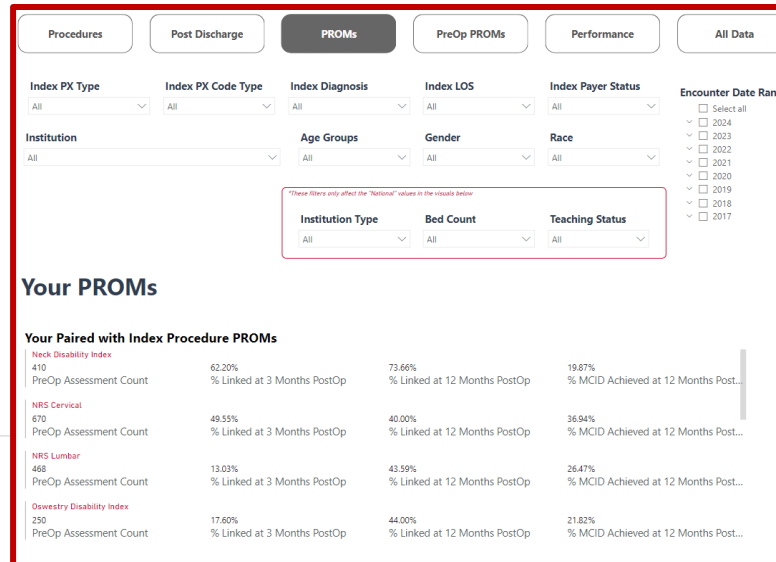
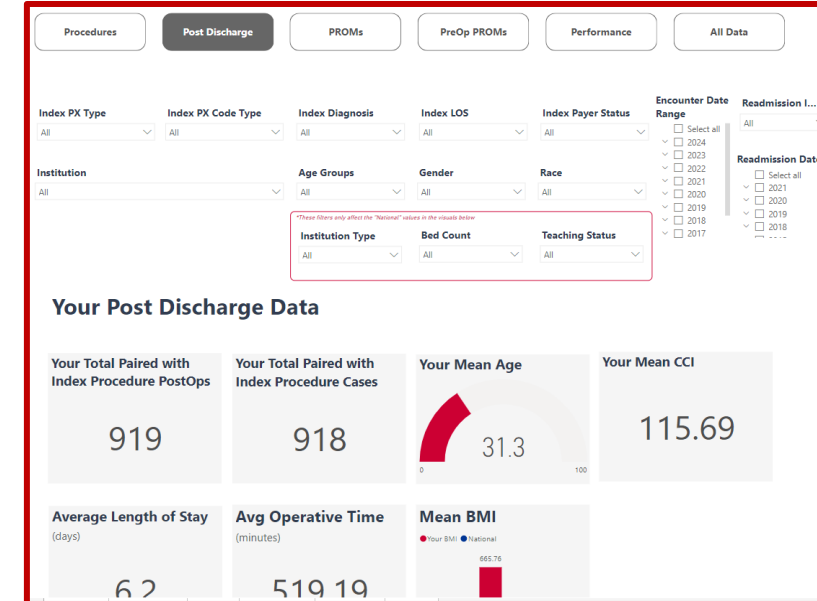
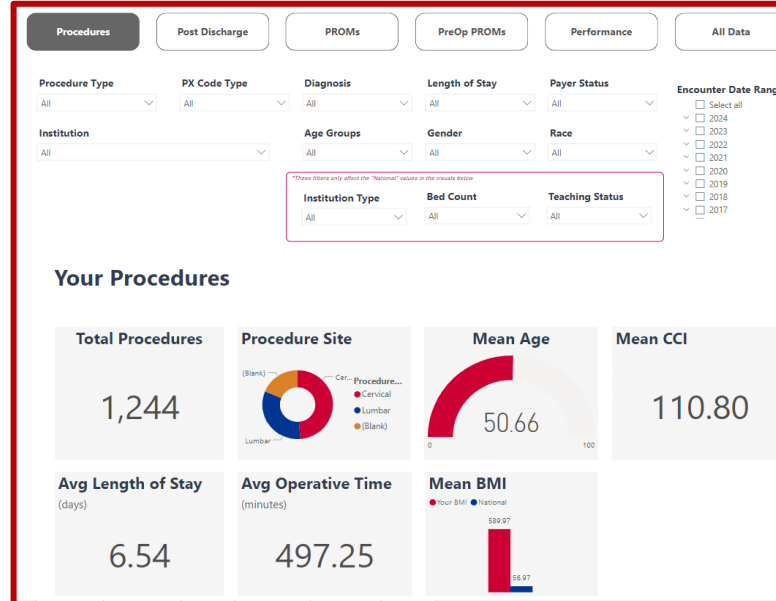
*American Association of Neurological Surgeons*

*American Academy of Orthopaedic Surgeons*

## **Registry Insights Dashboard Overview**

# Dashboard Overview

- Procedures
- Post Discharge
- PROMs
- PreOp PROMs
- Performance



# 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'. Below this is the 'Other Registries' section, which includes cards for 'AJRR' (American Joint Replacement Registry), 'MSTR' (Musculoskeletal Tumor Registry), 'SER' (Shoulder & Elbow Registry), and 'F&TR' (Fracture & Trauma Registry). The footer contains copyright information for 2012-2022 AAOS 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

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Data is refreshed nightly

# Dashboard | Access Overview

There are two dashboard views available:

## Registry Authorized User:

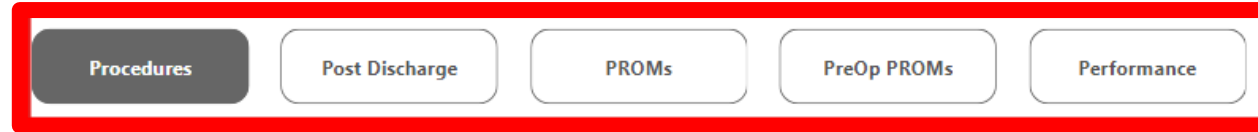
- Administrative users at participating sites
- These users can view data for their site or for multiple sites within a system

## 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

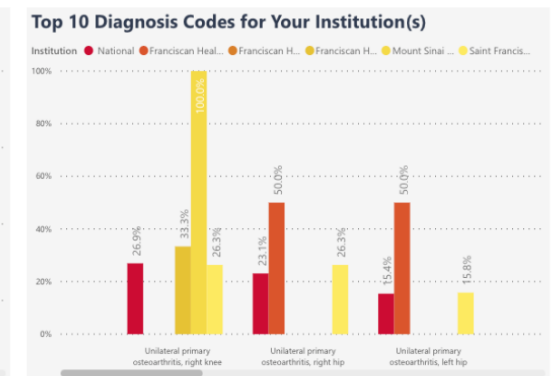
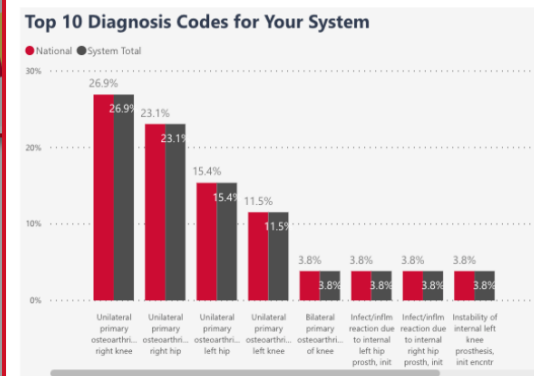
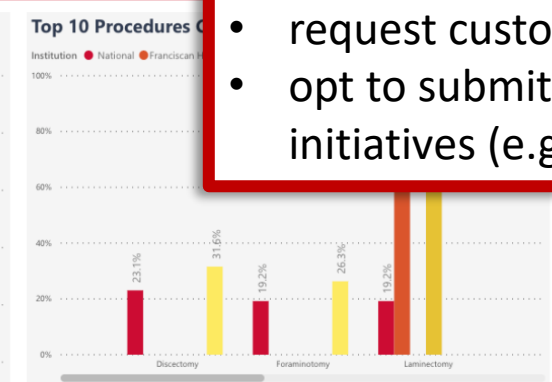
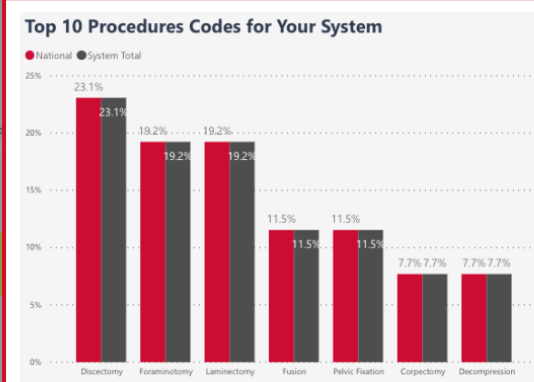
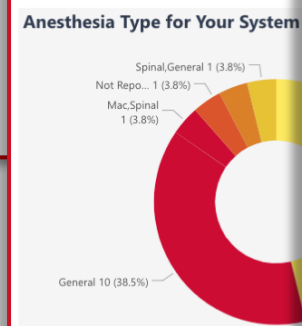
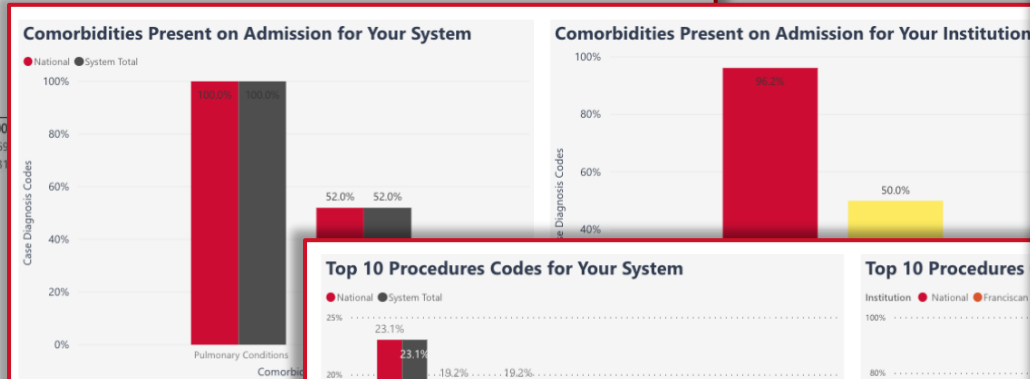
All

### 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

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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 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

### 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

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

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## **Overview of Patient Reported Outcome Measure (PROM) Reports**

# PROM Reports | Overview

- What Are Patient-Reported Outcomes Measures (PROMs)?
  - PROMs are defined as standardized, validated questionnaires completed by patients to measure their perception of their functional well-being and health status (National Health Service, 2009).
  - PROMs data is important for tracking patient health, satisfaction, and outcomes.
  - Purpose of the reports: These reports are essential tools for advancing care quality and improving overall patient outcomes.

# PROM Reports | Overview

## *Recommended*

### Global Health Assessment

PROMIS-10 Global  
*or*  
VR-12

+

### Physical Function Assessment

PROMIS Physical Function  
*or*  
Oswestry Disability Index (ODI)  
Neck Disability Index (NDI)

+

### Pain Assessment

Numeric Rating Scale (NRS)

## *Additional Options*

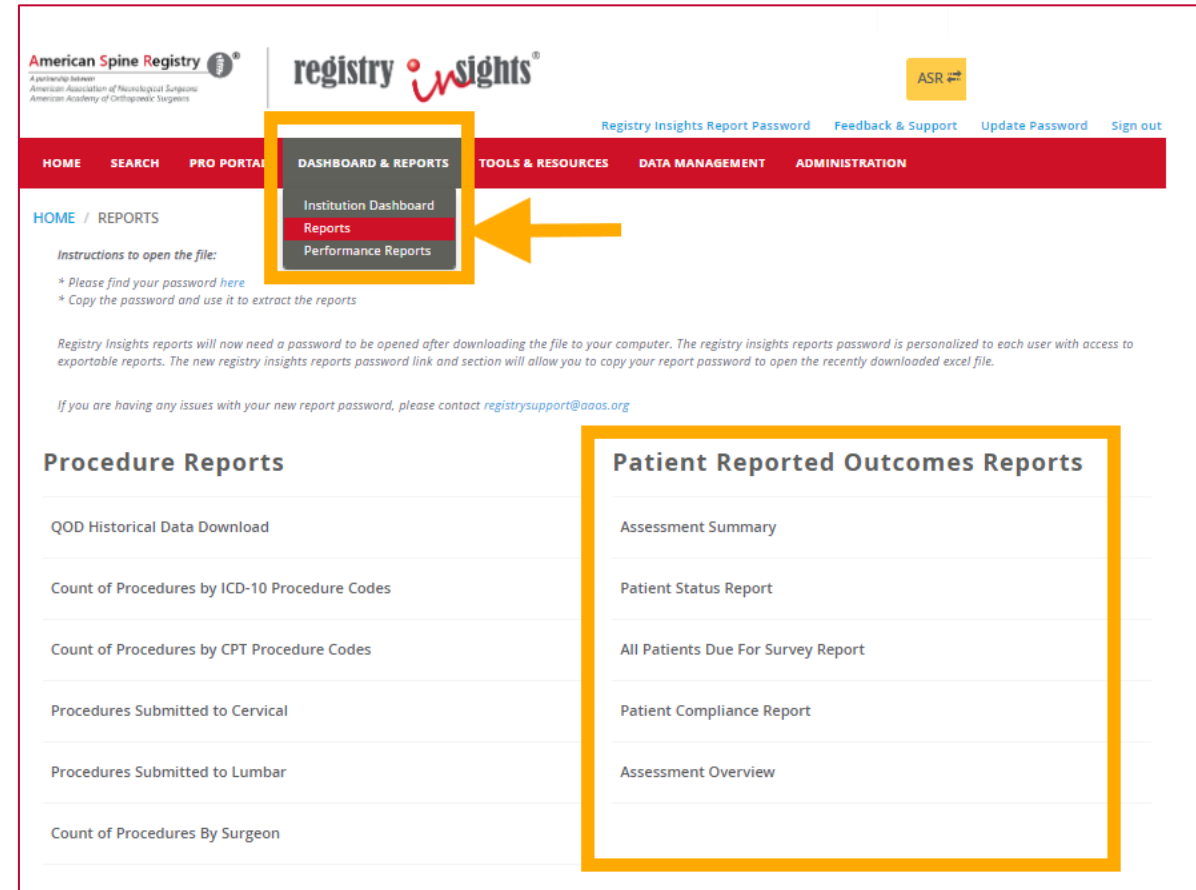
PROMIS CAT, PROMIS-29  
PROMIS Emotional Distress – Depression  
PROMIS Emotional Distress – Anxiety  
PROMIS Pain Interference  
EQ-5D

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

*\*Sites can utilize their existing PROMs collection mechanism or utilize ASR's no cost PROM tool*

# PROM Reports | Types of Reports

- Assessment Summary
- Patient Status Report
- All Patients Due for Survey Report
- Patient Compliance Report
- Assessment Overview



The screenshot displays the American Spine Registry (ASR) website interface. The top navigation bar includes links for HOME, SEARCH, PRO PORTAL, DASHBOARD & REPORTS, TOOLS & RESOURCES, DATA MANAGEMENT, and ADMINISTRATION. The 'DASHBOARD & REPORTS' menu is expanded, showing 'Institution Dashboard', 'Reports', and 'Performance Reports'. A yellow arrow points to the 'Reports' option. Below the navigation, there are instructions on how to open files and a note about the new password requirement for reports. The 'Procedure Reports' section lists various data download options, while the 'Patient Reported Outcomes Reports' section, highlighted with a yellow box, lists the following report types: Assessment Summary, Patient Status Report, All Patients Due For Survey Report, Patient Compliance Report, and Assessment Overview.

# PROM Reports | Assessment Summary

- Provides a summary of responses by assessment type.
- Key features:
  - Option to view patients' survey results
  - Option to export reports for additional filtering.

HOME / REPORTS / NECK DISABILITY INDEX

Assessment Type: Neck Disability Index

Entries: 10

Results 1-10 of 1,196

ACCOUNT ID	HOSPITAL/ASC NAME	PATIENT LAST NAME	PATIENT FIRST NAME	PATIENT DATE OF BIRTH	PATIENT AGE	PATIENT RACE	PATIENT SEX	PATIENT ETHNICITY	PATIENT ZIP CODE	PATIENT EMAIL
1040824	Registry Test Hospital 1	Kids	Cold	8/9/1972	52	American Indian	Male	Not Hispanic	12401	r@r.com
1040824	Registry Test Hospital 1	Maestri	Felicia	3/12/1960	64	Not Reported	Female	Hispanic	75214	Maestri783@mail.cc
1040824	Registry Test Hospital 1	Maestri	Felicia	3/12/1960	64	Not Reported	Female	Hispanic	75214	Maestri783@mail.cc
1040824	Registry Test Hospital 1	Bergold	Gwendolyn	1/20/2015	9	Native Hawaiian or Other Pacific Islander	NR	Not Reported	75211	Bergold459@aol.cor
1040824	Registry Test Hospital 1	Raulerson	Avis	2/4/1965	59	American Indian	Female	Not Reported	75216	Raulerson716@gma
1040824	Registry Test Hospital 1	Raulerson	Avis	2/4/1965	59	American Indian	Female	Not Reported	75216	Raulerson716@gma
1040824	Registry Test Hospital 1	Groseclose	Elvin	5/9/1992	32	Not Reported	Male	Hispanic	75212	Groseclose649@hot
1040824	Registry Test Hospital 1	Arrellano	Rocky	10/5/1959	65	American Indian	Female	Not Reported	75208	Arrellano70@yahoo
1040824	Registry Test Hospital 1	Altop	Nickolas	4/28/2005	19	White	Male	Hispanic	75215	Altop425@outlook.c
1040824	Registry Test Hospital 1	Coote	Walker	7/30/1986	38	American Indian	Female	Not Reported	75209	Coote356@yahoo.cc

Previous 1 2 3 4 5 ... 120 Next

EXPORT EXCEL \*Will only export a maximum of 50,000 records.

# PROM Reports | Patient Status Report

- Provides a summary of the status of dispatched assessments.
- Key features:
  - Option to view filter by assessment interval, status, date assigned, and/or due date
  - Option to export reports for additional filtering.

1040824	Registry Test Hospital 1	PRP2019808	Stagles	Stanton	7/27/2012	stagles492@gmail.com		Cervical	N/A	5/3
1040824	Registry Test Hospital 1	PRP2019808	Stagles	Stanton	7/27/2012	stagles492@gmail.com		Cervical	N/A	5/3
1040824	Registry Test Hospital 1	PRP2019808	Stagles	Stanton	7/27/2012	stagles492@gmail.com		Cervical	N/A	5/3
1040824	Registry Test Hospital 1	PRP	AAOS	Test	10/1/1960	manning@aaos.org		Cervical	N/A	5/3
1040824	Registry Test Hospital 1	PRP	AAOS	Test	10/1/1960	manning@aaos.org		Cervical	N/A	5/3
1040824	Registry Test Hospital 1	2373735	Aardema	Rachel	7/26/1963	Aardema348@outlook.com	(662)938-3099	Lumbar		8/2
1040824	Registry Test Hospital 1	2373735	Aardema	Rachel	7/26/1963	Aardema348@outlook.com	(662)938-3099	Lumbar		8/2
1040824	Registry Test Hospital 1	2373735	Aardema	Rachel	7/26/1963	Aardema348@outlook.com	(662)938-3099	Lumbar		8/2
1040824	Registry Test Hospital 1	3112271	Abaloz	Velvet	12/20/1929	Abaloz520@gmail.com	(836)637-5968	Cervical	N/A	8/1
1040824	Registry Test Hospital 1	3112271	Abaloz	Velvet	12/20/1929	Abaloz520@gmail.com	(836)637-5968	Cervical	N/A	8/1



# PROM Reports | All Patients Due for Survey Report

- Provides a summary of all patients that are due for assessment.
- Key features:
  - Option to view status of delivery/completion
  - Option to export reports for additional filtering.

HOME / REPORTS / ALL PATIENTS DUE FOR SURVEY

Entries  Results 1-1 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 SITE	LATERALITY	PLANNED SURGERY DATE	SURGEON NPI
1040824	Registry Test Hospital 1	PRP400867	ASR Testing	Test	7/4/1960	test@aaos.org			Lumbar	N/A	1/15/2024	1003027269

EXPORT EXCEL \*Will only export a maximum of 50,000 records.

# PROM Reports | Patient Compliance Report

- Provides a summary of patients' compliance with PROMs assessments.
- Key features:
  - Option to compare the assessments assigned vs completed
  - Option to export reports for additional filtering.

HOME / REPORTS / PATIENT COMPLIANCE

Entries

ACCOUNT ID	HOSPITAL/ASC NAME	PATIENT LAST NAME	PATIENT FIRST NAME	CASE ID	PLANNED SURGERY DATE	ACTUAL PROCEDURE DATE	TOTAL NUMBER OF PRE-OP ASSIGNED FORMS	TOTAL NUMBER OF PRE-OP COMPLETED FORMS	TOTAL NUMBER OF POST-OP ASSIGNED FORMS	TOTAL NUMBER OF POST-OP COMPLETED FORMS
1040824	Registry Test Hospital 1	Fidel	Ramiro	2210270		12/6/2018	11	11	11	11
1040824	Registry Test Hospital 1	Wilhelm	Rickey	2210271		8/4/2019	11	11	22	11
1040824	Registry Test Hospital 1	Troutner	Shena	2210272		11/1/2018	11	11	11	11
1040824	Registry Test Hospital 1	Hora	Stefan	2210273		1/17/2020	11	11	22	11
1040824	Registry Test Hospital 1	Gallen	Yvette	2210274		2/10/2020	11	11	33	11
1040824	Registry Test Hospital 1	Langen	David	2210275		5/31/2019	11	11	22	11
1040824	Registry Test Hospital 1	Keh	Ryan	2210276		9/13/2019	11	11	22	11
1040824	Registry Test Hospital 1	Kneip	Timmy	2210277		8/15/2020	11	11	33	11
1040824	Registry Test Hospital 1	Riedle	Lawrence	2210278		4/22/2020	9	0	33	22
1040824	Registry Test Hospital 1	Dasovich	Christinia	2210279		10/1/2018	11	11	11	11

Previous **1** 2 3 4 5 ... 145 Next

EXPORT EXCEL \*Will only export a maximum of 50,000 records.

# PROM Reports | Assessment Overview

- Provides a summary of assessments by due date.
- Key features:
  - Option to view the status of the PROMs due within a time range
  - Option to export reports for additional filtering.

HOME / REPORTS / ASSESSMENT OVERVIEW REPORT

Please select a time range for PROM Due Date.

Start Date:  End Date:

Entries: 10 Results 1-10 of 143

ASSESSMENT NAME	PROM STATUS	PROM DUE DATE	PROM INTERVAL	PATIENT FIRST NAME	PATIENT LAST NAME	SURGEON FIRST NAME	SURGEON LAST NAME	CASE
<input type="text" value="Assessment Name"/>	<input type="text" value="Prom Status"/>	<input type="text" value="Prom Interval"/>	<input type="text" value="First Name"/>	<input type="text" value="Last Name"/>	<input type="text" value="First Name"/>	<input type="text" value="Last Name"/>	<input type="button" value="SEARCH"/>	
BackPain NRS	Overdue	11/8/2024	1-Year	Sally	John	Pink	Panther	PRC626135
BackPain NRS	Overdue	11/8/2024	1-Year	John	Johnson	Pink	Panther	PRC626136
BackPain NRS	Overdue	11/8/2024	1-Year	Pet	Brown	Pink	Panther	PRC626137
BackPain NRS	Overdue	11/8/2024	1-Year	Phil	Gaston	Pink	Panther	PRC626138
BackPain NRS	Overdue	11/8/2024	1-Year	Betty	Shob	Pink	Panther	PRC626139
BackPain NRS	Overdue	11/8/2024	1-Year	Roger	Petterm	Pink	Panther	PRC626140
BackPain NRS	Overdue	11/8/2024	1-Year	Fill	Smith	Pink	Panther	PRC626141
BackPain NRS	Overdue	11/8/2024	1-Year	Better	Betterment	Pink	Panther	PRC626142
BackPain NRS	Overdue	11/8/2024	1-Year	Nice	Romson	Pink	Panther	PRC626143
BackPain NRS	Overdue	11/8/2024	1-Year	Go	Fergus	Pink	Panther	PRC626144

Previous **1** 2 3 4 5 ... 15 Next

\*Will only export a maximum of 50,000 records.

# Support Questions

The screenshot shows the American Spine Registry website interface. At the top left, the logo for American Spine Registry is displayed, along with the text "A partnership between American Association of Neurological Surgeons and American Academy of Orthopaedic Surgeons". To the right is the "registry insights" logo. In the top right corner, there is an "ASR" button and a navigation menu with links for "Registry Insights Report Password", "Feedback & Support", "Update Password", and "Sign out". The "Feedback & Support" link is highlighted with a yellow box and a yellow arrow. Below the navigation bar is a red header with menu items: "HOME", "SEARCH", "PRO PORTAL", "DASHBOARD & REPORTS", "TOOLS & RESOURCES", "DATA MANAGEMENT", and "ADMINISTRATION". Underneath this is a secondary navigation bar with "HOME", "PROM HOME", and "INDUSTRY HOME". The main content area features three 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.", "Registry Insights SFTP Changes. Refer to the announcement below.", and "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." Below the news items is a "Stats" section with four cards: "Registry Total Procedures" (361.92 K), "Your Breakdown" (a donut chart showing NR (0%), Cervical (32.93%), and Lumbar (67.07%)), "Your Total Procedures" (361.92 K), and "Actual Cases" (Earliest Procedure: 4/16/2015, Latest Procedure: 7/12/2024).

# Questions?

[Info@AmericanSpineRegistry.org](mailto:Info@AmericanSpineRegistry.org)

[www.americanspineregistry.org](http://www.americanspineregistry.org)

Improving spine care through **data.**