

# **AAOS Registry Program Submitting Data with a Vendor: An Overview of the AAOS Authorized Vendor Program**

November 13th 2019  
12:00 – 12:45 p.m. CT

# Today's Agenda

- 1. Welcome & Introductions**
2. AAOS/Authorized Vendor Program Updates
3. Submitting Data with a Vendor Process
4. Cerner Reporting Package Update
5. Epic Registry Updates
6. Open Q&A

# Today's Agenda

1. Welcome & Introductions
- 2. AAOS/Authorized Vendor Program Updates**
3. Submitting Data with a Vendor Process
4. Cerner Reporting Package Update
5. Epic Registry Updates
6. Open Q&A

# AAOS Registry Vendor Program Updates

- **New Registry Optimization** Specialist assisting with Vendor submissions
- **Routine Meetings** updating them on data specification updates
- **New contracting** and QA process enacted in 2019
  - Review of data specifications and test file validation
  - Onboarded several new vendors in 2019 with new process

# American Spine Registry



A partnership between

American Association of Neurological Surgeons

American Academy of Orthopaedic Surgeons



American  
Association of  
Neurological  
Surgeons

For more information, contact:  
Lauren Pearson Riley  
Alice Kelsey

847-384-4033  
847-378-0517

**AAOS**  
AMERICAN ACADEMY OF  
ORTHOPAEDIC SURGEONS

[pearson@aaos.org](mailto:pearson@aaos.org)  
[aik@aans.org](mailto:aik@aans.org)

**The American Association of Neurological Surgeons and the American Academy of Orthopaedic Surgeons Join Forces to Create the American Spine Registry**  
*Partnership unites practitioners with commitment to improving quality and delivery of patient care*

**ROSEMONT, Ill.** (September 9, 2019)—The [American Association of Neurological Surgeons](#) (AANS) and the [American Academy of Orthopaedic Surgeons](#) (AAOS) today announced a new partnership, the American Spine Registry (ASR), which will be jointly owned and developed by both organizations. The ASR will transform the Quality Outcomes Database (QOD) Spine registry, currently the nation's largest spine registry, into a more far-reaching program that facilitates the participation of all North American spine surgeons in a shared, quality data-collection platform.

The ASR leverages the unique data science capabilities of the AANS with the operational expertise of the AAOS Registry Program. The ASR allows both organizations to enhance the scalability, sustainability, ease-of-use and relevance of national spine data collection efforts and facilitates intelligent data use by engaging multiple healthcare stakeholders in this joint initiative. The participating organizations expect this collaboration will lead to an enhanced ability to use the accumulated information to improve patient care, advance the science of spine surgery and address the challenges of an evolving, value-based care delivery system.



# Decreasing Data Burden

- AAOS has partnered with technology vendors to facilitate the data submission process
- Re-use data that already exists in medical record, practice management and PRO systems
- Direct data submission and management can be handled by a technology provider with sites able to fix rejected files

AAOS Registry Program  
**Authorized Vendor**

American Joint Replacement Registry  
 Shoulder & Elbow Registry

AAOS  
 AMERICAN ACADEMY OF  
 ORTHOPAEDIC SURGEONS

Registry Program  
 Improving Orthopaedic Care Through Data



ASR



# Schedule of 2019 & 2020 Unet Meetings

- Thursday, December 12 at 12:00 p.m. CT
  - Q&A and feedback session for New Enhancements
  - Annual In person meeting planning
- Annual Meeting Week of March 20<sup>th</sup> in Orlando, FL

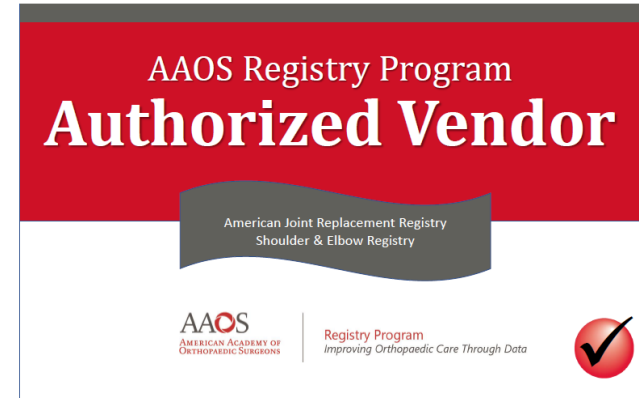
*\*Invites will be sent out by email two weeks prior to each call\**

# Today's Agenda

1. Welcome & Introductions
2. AAOS/Authorized Vendor Program Updates
- 3. Submitting Data with a Vendor Process**
4. Cerner Reporting Package Update
5. Epic Registry Updates
6. Open Q&A

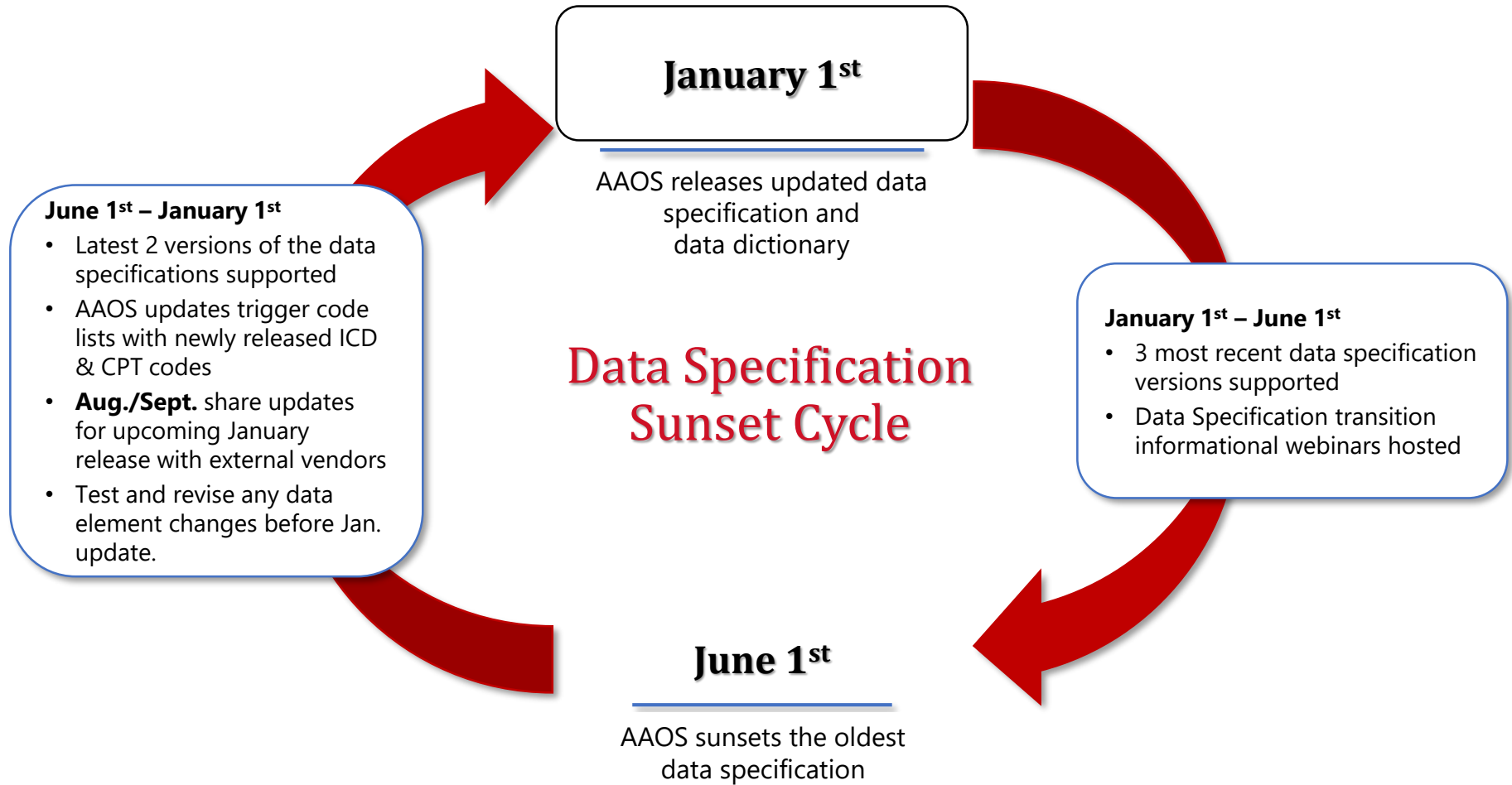


# Registry Authorized Vendors



We've partnered with technology vendors to help with a seamless data submission process for our institutions

# Registry Data Specification Sunset Cycle



# Registry Data Specification Sunset Cycle

- Internally we are working through multiple steps throughout the year!
- All additional elements and changes are:
  - Vetted through our surgeon leadership
  - Tested with our technology department
  - Highlighted to our authorized vendors in sync with their update cycles

Changes can take 12-18 months to update!

# SIX STAGES TO SUCCESSFUL SUBMISSION

## STAGE 1

**Welcome  
&  
Kick-Off**

### Deliverables:

- 1.1** Participant Profile Updates
- 1.2** Onboarding Resource Assignment
- 1.3** Welcome Communication
- 1.4** Registry Program & Participant Kick-Off
- 1.5** Participant Onboarding Workbook

## STAGE 2

**Account  
Setup**

### Deliverables:

- 2.1** Participant Account Setup
  - Key Contacts
  - Surgeon Information
  - SFTP/HTTPS

## STAGE 3

**Build &  
Validate  
Extract**

### Deliverables:

- 3.1** Vendor Documentation Review
- 3.2** Vendor Extract File Requirements Preparation
  - *Source System Identification / Mapping*
  - *Q&A*
- 3.3** Vendor builds extract file
- 3.4** Vendor validates extract file against source system
- 3.5** Vendor Automates File Transfer

## STAGE 4

**Test  
File**

### Deliverables:

- 4.1** Test File Call / Questions Response
- 4.2** Test File Round 1
- 4.3** Test File Round 2
- 4.4** Test File Final Certification

## STAGE 5

**Live  
Data**

### Deliverables:

- 5.1** Vendor Final Production Set-Up
- 5.2** Live Data Submission [FIRST FILE]
- 5.3** Live Data Submission Confirmation

## STAGE 6

**Transition  
to  
Ongoing  
Support**

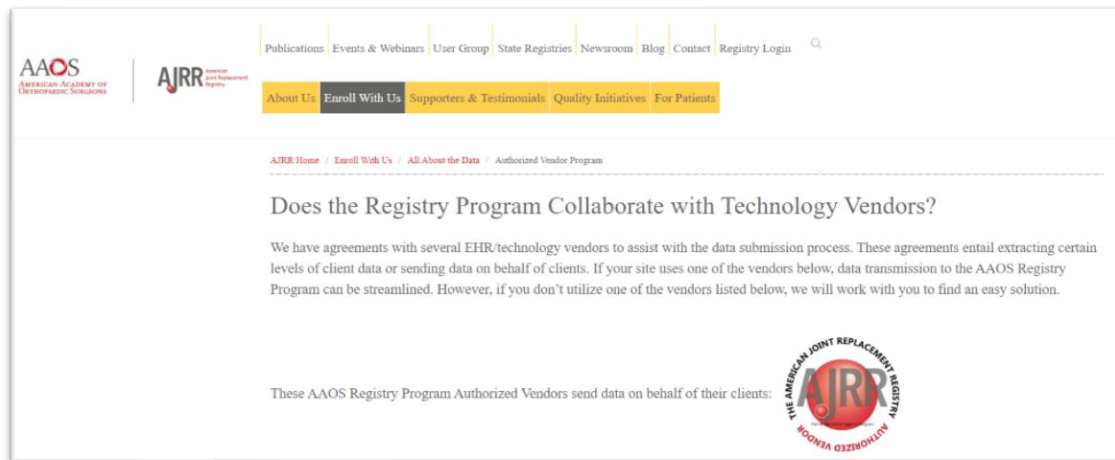
### Deliverables:

- 6.1** Subscriber Training & Access – Authorized User
- 6.2** Subscriber Training & Access – PRO Platform
- 6.3** Support Process & Marketing Resources Review

# Submitting Data With A Vendor

## Participating Site

- **Confirm** with the AAOS Registry Program that vendor is contracted with AAOS
  - AAOS will meet and evaluate non contracted vendors based on site recommendations
- **Participating Site** must sign Vendor submission authorization agreement and return to AAOS



# Vendor Data Submission Process

## • Vendor Team

- Reviews Registry Data Specifications and Dictionary Files
- Prepares Questions & Ask for Clarifications
- Prepares/Develops/Validates Extract File
  - ✓ EMR/EHR system
  - ✓ OR system
  - ✓ Billing system
  - ✓ Service Line system
  - ✓ Other system/source

# Vendor Data Submission Process

- **Vendor Submits Test File(s)**
  - Round 1 – Registry Optimization Specialist reviews and provides feedback
  - Round 2 – Registry Optimization Specialist confirms corrections
  - Final Certification

# Vendor Data Submission Process

- **Registry Optimization Specialist**
  - Configures LIVE file path for Vendor
- **Vendor submits first LIVE data file**
  - Registry Optimization Specialist confirms LIVE data is imported into the registry



# Vendor Data Submission Process

- **Ongoing Submissions & Support**
  - Vendor schedules monthly submission for Site once Live File confirmed
  - Quarterly meetings scheduled with Vendor resource and Registry Optimization Specialist
  - Adhoc meetings scheduled for File updates or issues and by Participating site request

# Today's Agenda

1. Welcome & Introductions
2. AAOS/Authorized Vendor Program Updates
3. Submitting Data with Vendor Process
- 4. Cerner Reporting Package Update**
5. Epic Registry Updates
6. Open Q&A

# Cerner Reporting Package Update

The Cerner-AJRR report packages are now Generally Available for all our Surgical Management clients to download and install!

Dashboard / Reference Pages Home / Surgical Management Reference Pages

### Required Data Elements

Ensure that the data items below are entered into Cerner Millennium. The table below displays the data source build and end user documentation location for each AJRR data element missing a required element may not be accepted into the registry.

**Note**  
The prerequisites below are defined as part of Model Experience. Some clients customize these fields, which may prevent them from being captured by the report.

AJRR Data Element Number	AJRR Data Element Name	Information	Data Location
<b>AJRR</b>			
1	AJRRAccountID	AJRR Account ID	Not applicable
2	AJRRLocationID	AJRR Location ID	Not applicable
<b>Organization Information</b>			
3	InstitutionName	Hospital Name	OrgTool (OrgTool.exe)
4	InstitutionNPI	Hospital NPI	OrgTool
5	Hospital_ASC_Name	Facility Name	OrgTool
6	Hospital_ASC_NPI	Facility National Provider Identifier	OrgTool
<b>Registration Information</b>			
7	PatInstitutionID	Patient's unique identifier	Conversation Launcher (PMLaunch.exe)
8	PatSSN	Patient Social Security Number	Conversation Launcher > Register Patient > Patient Information > Social Security Number
9	PatFirstName	First Name	Conversation Launcher > Register Patient > Patient Information > First Name
10	PatMiddleName	Middle Name (optional)	Conversation Launcher > Register Patient > Patient Information > Middle Name
11	PatLastName	Last Name	Conversation Launcher > Register Patient > Patient Information > Last

- For download instructions please reach out to your Cerner representative.
- Please see below for helpful links on installation instructions and announcement on the uCern network.
  - [Cerner Wiki Registry Report](#)
  - [Announcement on uCern Connect group](#)

# Today's Agenda

1. Welcome & Introductions
2. AAOS/Authorized Vendor Program Updates
3. Submitting Data with Vendor Process
4. Cerner Reporting Package Update
- 5. Epic Registry Updates**
6. Open Q&A

# Epic Registry Program Update

- **AJRR**

- Developing direct SFTP upload path from Epic Reporting Package
- Reviewing 2020 Data Specification Update

- **SER Registry**

- Reporting package is on development project plan.
- For more information on the SER report, please contact [AJRRinfo@epic.com](mailto:AJRRinfo@epic.com)

- **MST Registry**

- Updated SmartForm and Smart Data Elements to most recent versions of Epic
- Assisting with Data specification updates for 2020

# Today's Agenda

1. Welcome & Introductions
2. AAOS/Authorized Vendor Program Updates
3. Submitting Data with Vendor Process
4. Cerner Reporting Package Update
5. Epic Registry Updates
- 6. Open Q&A**

# Q&A Session

Open Discussion

# Thank you!

Ryan Olsen ([olsen@aaos.org](mailto:olsen@aaos.org))

[www.aaos.org/registries](http://www.aaos.org/registries) | [RegistryInfo@aaos.org](mailto:RegistryInfo@aaos.org)