How to Maximize the Value of Registries
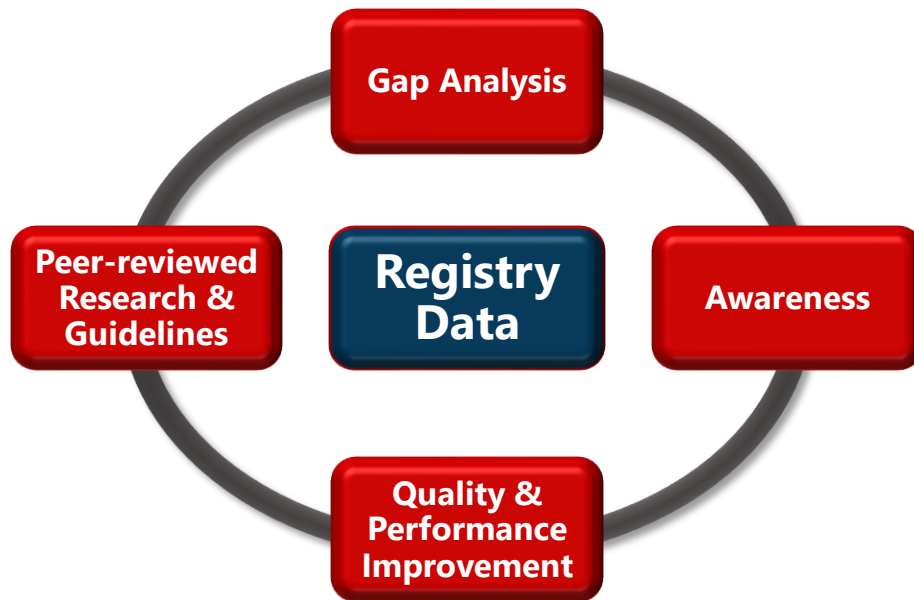
April 6, 2020

www.aaos.org/registries

Registry Staff

- Lauren Reidy, Partnerships & Business Ecosystem Manager, Registries

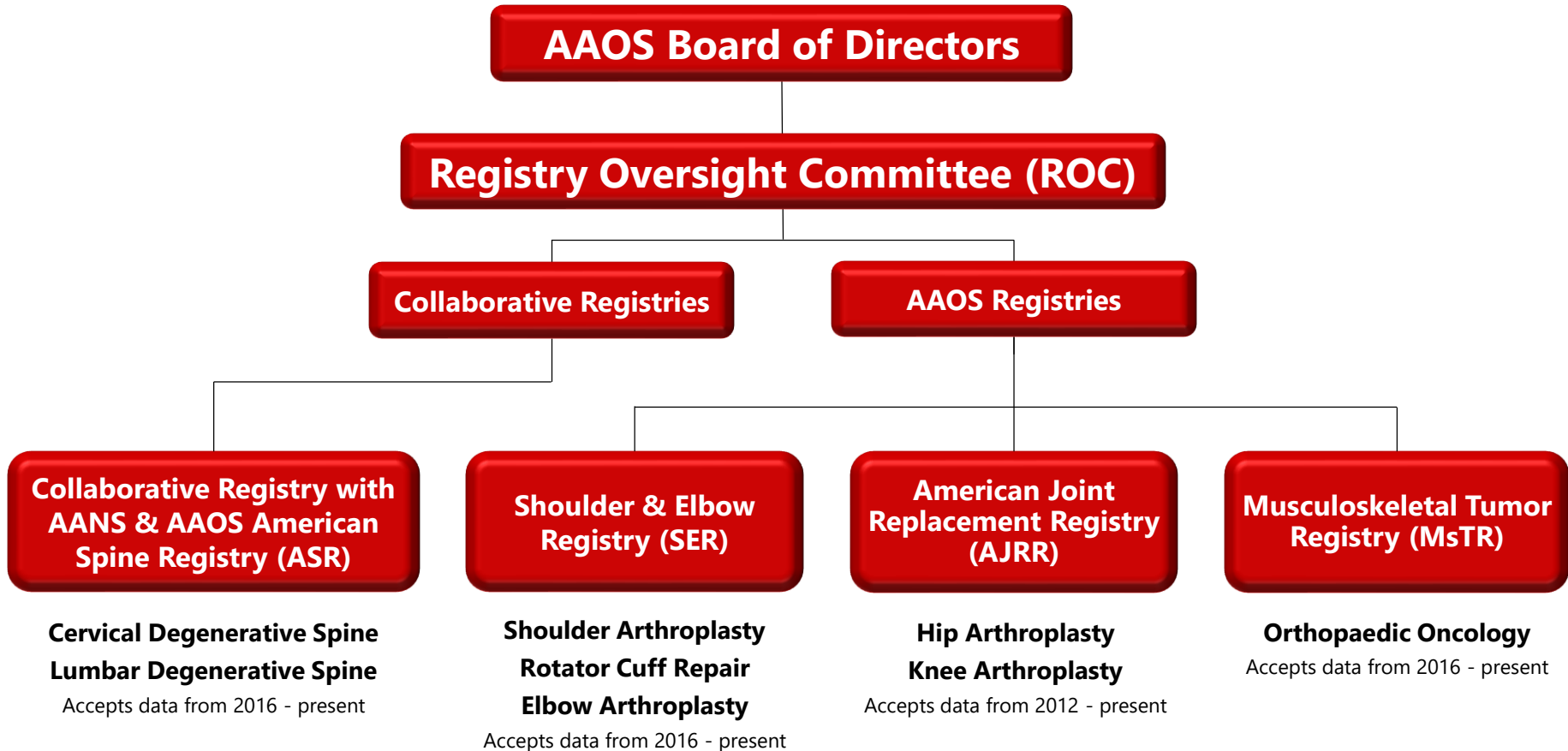- Emily Lee, Ecosystem Development Associate, Registries
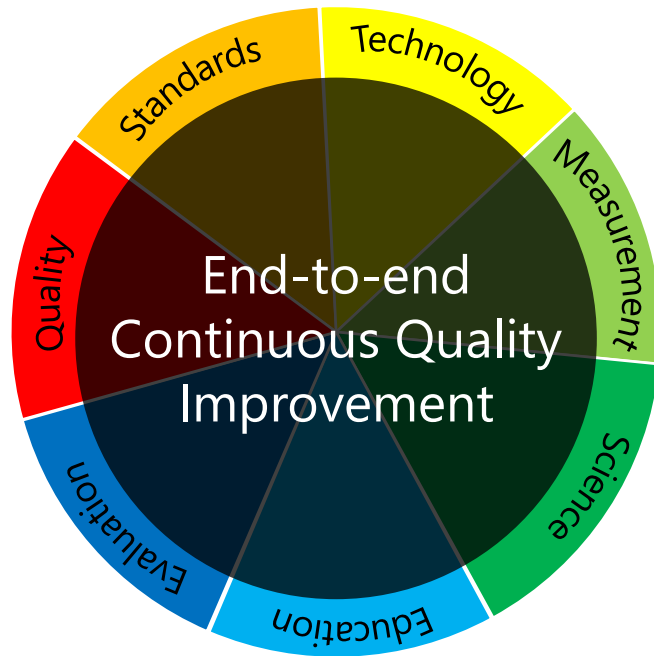
At the Core of Academy Strategy

Gap Analysis

Peer-reviewed Research & Guidelines

Registry Data

Awareness

Quality & Performance Improvement

Registry Effort Goals

- ✓ Collect unique clinical information demonstrating **real-world practice**

- ✓ Enable **performance measurement** by physicians for physicians

- ✓ Facilitate national registry-driven **quality improvement** programs

- ✓ Support novel scientific **research**

AAOS Family of Registries

AAOS Board of Directors

Registry Oversight Committee (ROC)

Collaborative Registries

AAOS Registries

Collaborative Registry with AANS & AAOS American Spine Registry (ASR)

Shoulder & Elbow Registry (SER)

American Joint Replacement Registry (AJRR)

Musculoskeletal Tumor Registry (MsTR)

Cervical Degenerative Spine
Lumbar Degenerative Spine
Accepts data from 2016 - present

Shoulder Arthroplasty
Rotator Cuff Repair
Elbow Arthroplasty
Accepts data from 2016 - present

Hip Arthroplasty
Knee Arthroplasty
Accepts data from 2012 - present

Orthopaedic Oncology
Accepts data from 2016 - present

Registries Quality Vision

Circular diagram labeled "End-to-end Continuous Quality Improvement" with segments: Standards, Technology, Measurement, Science, Education, Evaluation, Quality

- Component of a larger quality vision
- Provide data to inform AAOS guidelines and test performance measures
- Provide feedback to providers to continuously improve their practice and healthcare outcomes
- Allow AAOS to define what quality means in a value-based system
- Reduce the reporting burdens on physicians
- Help inform gaps in knowledge or areas for further education

Registry Informed Advocacy

Real-world data about orthopaedic care

Participation in both Fee-for Service (FFS) and Fee-for-Value (FFV) based payment models

Providing for data re-use opportunities

Qualified Clinical Data Registry

- AAOS maintains a QCDR designation

- Specialty society driven participation in the Merit-Incentive Based Payment System (MIPS)

- QCDR provides participants access to Promoting Interoperability (PI) and Quality Payment Program (QPP) credit

- Additional opportunities for alternative reporting for the bundled payment through BPCI-A episodes

Integration of Medicare Data

Access to **Medicare claims** inclusive of inpatient (148 data elements), outpatient (122 data elements) & National Death Index

*****

2012-2018 for all patients represented in Registry with Medicare records

*****

Participants have access to custom reports that compare their site to the national Annual Report analyses, inclusive of survivorship curves

Three ways to access data

Custom Reports **1**

RegistryInsights® Dashboards **2**

Registry Analytics Institute™ (RAI) **3**

AAOS
AMERICAN ACADEMY OF
ORTHOPAEDIC SURGEONS

Custom Reports

Custom reports created by our analytics team to help understand and package your site data in an actionable format

Custom reports can include site specific metrics and shape continuous improvements to the canned dashboards provided

Aggregated Reports and national benchmarks for every metric across all data submitted including procedural, post-operative and PROMs data can be provided at your site level

RegistryInsights® Dashboards

- On-demand practice specific dashboards
- Compare your practice to national performance benchmarks
- Unlimited surgeon accounts with access to system, site, and surgeon level dashboards

PROM Management

Registry Analytics Institute™

- The goal of the AAOS Registry Analytics Institute is to provide a resource to the scientific community to further understand and improve orthopaedic and musculoskeletal care by making data available to examine outcomes related to orthopaedics.
    - The Institute provides clinicians and clinician-scientists the opportunity to submit proposals for analytic insight that are contained within its various registries.
    - Selected awardees receive statistical support, data analyses, and potential monetary support
- https://www.aaos.org/registries/registry-analytics-institute/about-the-institute/

Annual & Supplement Reports

Annual Reports and Supplements available at www.aaos.org/registries/publications/

Data Reuse Opportunities

Participation in the American Academy of Orthopaedic Surgeons (AAOS) Registry Program offers a wide variety of data reuse opportunities including requirements for quality initiatives and state collaboratives.

- AAOS RegistryInsights® Platform Standard Reports and personalized dashboards
- AAOS RegistryInsights National Benchmarks
- Accreditation Association for Ambulatory Health Care (AAAHC) Advanced Orthopaedic Certification
- Aetna Institutes of Quality (IOQ) Orthopaedic Surgery
- American Board of Orthopaedic Surgeons (ABOS) Maintenance of Certification (MOC) Program
- BlueCross BlueShield Blue Distinction Specialty Care
- Blue Shield of California waiver of prior authorization

- Bree Collaborative
- CMS Merit-based Incentive Payment System (MIPS) Promoting Interoperability (PI) and Quality Payment Program (QPP)
- Centers for Medicare & Medicaid Services (CMS) Bundled Payments for Care Improvement Advanced (BPCI-A)
- CMS Comprehensive Care for Joint Replacement (CJR) Model
- Cigna Surgical Treatment Support Program
- DNV GL Orthopaedic Center of Excellence
- The Alliance QualityPath
- The Joint Commission Advanced Certification for Total Hip & Knee Replacement

Why Do Sites Participate?

- Compare your practice to **national performance** benchmarks

- Access to on-demand practice specific **quality reports and dashboards**

- Facilitate tracking and monitoring of **longitudinal** patient outcomes

- Facilitate site, practice-specific, **payer-incentivized performance improvement** programs such as Blue Distinction and Centers of Excellence

- Qualify for **national distinction programs** such as the Joint Commission Advanced Certification and AAAHC

- Use for reporting **to quality improvement programs** such as MIPS, BPCI-A & ABOS MOC

- Early access to **surveillance alerts** for poorly performing implants

- Improve the **value of care** delivered to patients

Upcoming Registries Webinars

- New AAOS RegistryInsights® Enhancements You Should Know About
  - 4/28/2020

- How to Collect and Submit PROMs to the AAOS Registry Program
  - 5/7/2020

- AAOS Course Calendar: www5.aaos.org/coursecalendar/?ssopc=1

- AAOS Registry Program Webinar Slides: www.aaos.org/registries/for-participants/webinar-slides/

- AAOS Webinars OnDemand: https://learn.aaos.org/
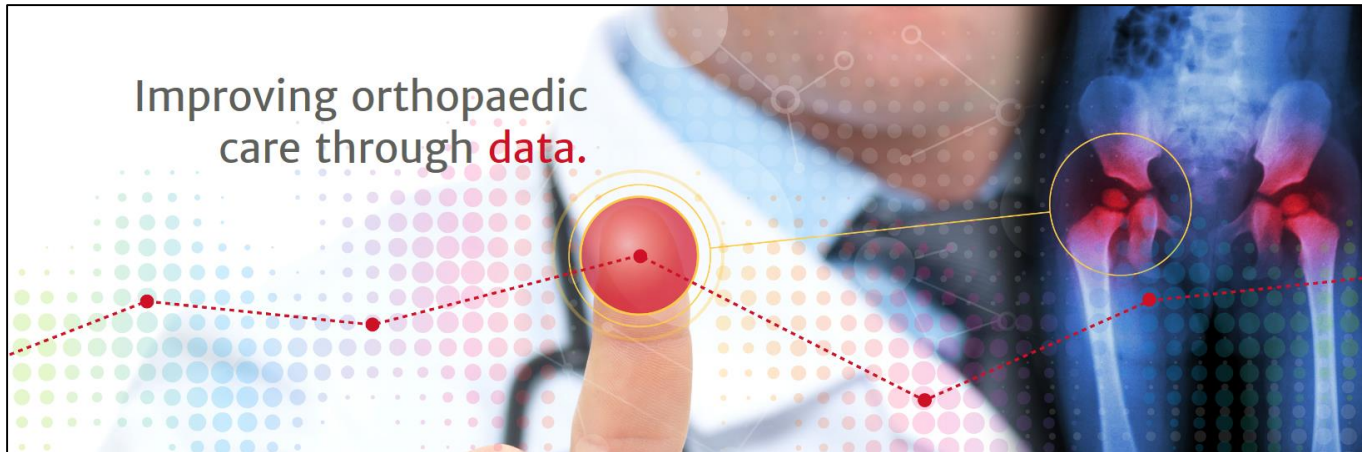
Questions?

For Questions, Contact: RegistryInfo@aaos.org

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Emily Lee Elee@aaos.org

www.aaos.org/registries/