Revolutionizing Registry Submission: A Customer’s Journey with the Fracture & Trauma Registry Powered by PatientIQ
What We’ll Review:

• Background: Fracture & Trauma Registry
• FTR Powered by PatientIQ
• Customer Success Story: St. Luke’s
• Getting Started
• Q&A
WEBINAR: REVOLUTIONIZING REGISTRY SUBMISSIONS

Background: Fracture & Trauma Registry
WEBINAR: REVOLUTIONIZING REGISTRY SUBMISSIONS

Fracture & Trauma Registry

- Launched in 2022 with support from the Orthopaedic Trauma Association (OTA)

- Fifth and newest in a series of anatomical, evidence-based registries that are part of the AAOS Registry Program

- Collects data on five of the more common fractures in the United States:
  - Ankle
  - Distal Femur
  - Distal Radius
  - Hip
  - Proximal Humerus
WEBINAR: REVOLUTIONIZING REGISTRY SUBMISSIONS

Fracture & Trauma Registry

Delivering Value for AAOS Fracture & Trauma Surgeons

- Attain certification credits for ABOS MOC
- Facilitate site, practice-specific, performance improvement & accreditation programs such as Blue Distinction & DNV Centers of Excellence
- Use for reporting to quality improvement programs such as the QPP Merit-based Incentive Payment System (MIPS)
- Inform orthopaedic practice & contribute to orthopaedic advocacy
- Improve the value of care delivered to Patients

Compare your practice to national performance benchmarks
Access to on-demand surgeon specific reports and dashboards
Monitor longitudinal patient outcomes (Medicare data)
**Mission**: To improve orthopaedic fracture care through the collection, analysis, reporting, and research on traumatic fractures of the extremities and pelvis

**Vision**: To be a National Registry that empowers quality improvement and research for orthopaedic trauma of the extremities and pelvis in order to optimize patient care
WEBINAR: REVOLUTIONIZING REGISTRY SUBMISSIONS

Looking for a Partner

• In the spirit of continuous quality improvement, AAOS wanted to make it even easier to participate in the registry program by:
  o Minimizing IT burden to join the registry
  o Automating data submission workflows
  o Embedding workflows & insights into the EHR

• Needed the right partner that could deliver the technology and expertise to truly revolutionize registry value
WEBINAR: REVOLUTIONIZING REGISTRY SUBMISSIONS

Partnering with PatientIQ

By leaning on PatientIQ’s expertise to deploy EHR-integrated outcomes programs, we take the power of our clinical registry to a new tier. This new registry offering will improve the often-cumbersome data submission process.

Michael J. Gardner, MD, FAAOS
Stanford Medicine
Chair, FTR Steering Committee

Assessing PatientIQ

>400 successful deployments in orthopedic hospitals & specialty practices

~1 in 5 orthopedic surgeons already use PatientIQ in their practice

>20 different EHR vendors supported with proven workflows

Advanced analytics generate insights for data-driven care
WEBINAR: REVOLUTIONIZING REGISTRY SUBMISSIONS

FTR Powered by PatientIQ
WEBINAR: REVOLUTIONIZING REGISTRY SUBMISSIONS

Initial Partnership – Enrollment Goals

Overall Goals:
• Streamline workflows
• Minimize administrative and technological burden
• Ease data submission process

Initial Roll-out Milestones:
• Enroll >10 new participating sites
• Deploy new EHR-integrated participation option
• Ensure customer success
Building a Modern Registry Infrastructure
WEBINAR: REVOLUTIONIZING REGISTRY SUBMISSIONS

Building a Modern Registry Infrastructure

Data Collection
- EHR-integrated data abstraction
- Automated PRO collection

Real-Time Insights
- Benchmarking EHR-embedded scores data

Enterprise-Wide Analytics
- PatientIQ reporting dashboards
- Advanced analytics
**WEBINAR: REVOLUTIONIZING REGISTRY SUBMISSIONS**

**Building a Modern Registry Infrastructure**

<table>
<thead>
<tr>
<th>DATA COLLECTION</th>
<th>DATA TRANSLATION</th>
<th>DATA SUBMISSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>PatientIQ pulls data directly from the EHR into the PatientIQ platform using HL7 &amp; FHIR APIs, significantly reducing effort from participating sites</td>
<td>PatientIQ formats the collected data to meet registry-required specifications</td>
<td>PatientIQ submits data collected on behalf of the participating sites</td>
</tr>
</tbody>
</table>
WEBINAR: REVOLUTIONIZING REGISTRY SUBMISSIONS

Customer Success Story: St. Luke’s University Health Network
WEBINAR: REVOLUTIONIZING REGISTRY SUBMISSIONS

Introducing St. Luke’s

- Fully integrated health network headquartered in Bethlehem, PA
- 14 clinical campuses, 18K employees
- 300+ outpatient sites
- 1,900 doctors & advanced practitioners

The only Lehigh Valley-based healthcare system to earn Medicare’s five-star ratings for quality, efficiency, and patient satisfaction
WEBINAR: REVOLUTIONIZING REGISTRY SUBMISSIONS

The Challenge & Solution

• St. Luke’s was seeking a highly scalable approach to participate in the FTR Registry.

• Wanted to leverage deep Epic integrations to streamline data submissions.

• Planned to collect Level 1, 2, and 3 data across all 5 modules.

• Needed a partner to collect the PROMs & integrate the results into Epic.

“Continuous quality improvement is fueled by passionate providers backed by world-class technology. **Joining FTR powered by PatientIQ** enables our network to practice evidence-based medicine while providing the highest quality care.

Matthew Fenty
Director, Innovation & Strategic Partnerships
St. Luke’s University Health Network
WEBINAR: REVOLUTIONIZING REGISTRY SUBMISSIONS

Empowering St. Luke’s

Phase 1
- Sign Registry Participation Agreements
- PatientIQ Identifies Customer Project Stakeholders
- PatientIQ + Customer Establish Bi-Weekly Meeting
- PatientIQ Shares Project Plan

Phase 1
- PatientIQ & Customer Technical Kickoff Call
- Customer Installs PatientIQ App from App Market
- Customer Enables Web Services for FHIR APIs
- Customer Enables HL7 SIU Interface
- PatientIQ Conducts Quality Assurance & Testing

Phase 3
- PatientIQ FHIR APIs extract case data
- Data Validation Performed by PatientIQ
- Customer Approval Prior to Submission
- PatientIQ Submits Data Monthly

Kickoff
Install Epic App
Data Submissions

Phase 1 (est. 1 week)
Phase 2 (est. 4 weeks)
Phase 3 (ongoing)
Getting St. Luke’s Started

• Set up the FHIR API *(completed in two weeks)*

• Enable Level 1 and Level 2 data to be automatically extracted from the EHR and properly formatted for the FTR modules
Collection via Patient Workflows

- Level 3 data is automatically extracted, and properly formatted for FTR modules via PatientIQ’s rules-based workflow engine (*completed in 3 weeks*)
WEBINAR: REVOLUTIONIZING REGISTRY SUBMISSIONS

Automating Collection: Patient Enrollment

Automatic Patient Enrollment

• Automatically enroll patients into the registry, capture PROMs in an experience that improves the patient journey
WEBINAR: REVOLUTIONIZING REGISTRY SUBMISSIONS

The Result

• **Fast Onboarding:**
  Two, 30-minute phone calls to get started. 5 weeks onboarding process.

• **Faster Submission:**
  Once the FHIR API was implemented, submission occurred in a matter of weeks

• **Ongoing Support:**
  PatientIQ handles ongoing FTR submissions on a monthly basis

Kickoff: March 2023
35 Days to Install HL7 & FHIR APIs
Go Live & Data Submission
WEBINAR: REVOLUTIONIZING REGISTRY SUBMISSIONS

Getting Started
WEBINAR: REVOLUTIONIZING REGISTRY SUBMISSIONS

Continuing Customer Success

• St. Luke’s – One of many success stories (we’ll be sharing more in the coming months)

• Confidence in moving beyond a soft launch of the partnership to full enrollment – no limitation on the number of participating sites

Getting Started

• Multiple options for participation
• Collaborative process to find the solution that works best for your organization

RegistryEngagement@aaos.org

The Benefits of FTR Powered by PatientIQ

Cloud-Hosted

EHR-integrated

Cost-Effective

Fast Onboarding, Faster Submissions
WEBINAR: REVOLUTIONIZING REGISTRY SUBMISSIONS

Questions?