In March 2022, the American Academy of Orthopaedic Surgeons (AAOS), with support from the Orthopaedic Trauma Association (OTA), launched the Fracture & Trauma Registry (FTR). FTR is the fifth and newest addition to a series of anatomical, quality improvement registries, capturing national data on five of the more common fractures: Ankle, Hip, Distal Femur, Distal Radius, and Proximal Humerus.

**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.

**On the Horizon**
As FTR grows, there will be benchmarking capabilities available for surgeons to compare their data against national aggregate data on procedural trends and outcomes. The AAOS is consulting with our participants to optimize the collection of clinical and operative data through tools and resources that will be made available at the point of care.

"By aggregating data from sites across the country, we can really start to distinguish patterns in the data that otherwise would have gone unnoticed. We also can provide surgeons with internal and external benchmarks for continuous quality improvement. We believe this is a unique opportunity to drive meaningful performance improvement."

- Michael J. Gardner, MD, FAAOS, FTR Steering Committee Chair

**Key Contributors:**

**The FTR Steering Committee**
- Michael J. Gardner, MD, FAAOS, Chair: Stanford University
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For more information and to stay up to date on new features and enhancements for FTR, scan this QR code.
FTR Common Data Elements

**PROCEDURAL**

**Patient**
- Name (Last, First)
- Date of Birth
- Social Security Number
- Diagnosis (ICD-10)
- Gender
- Race/Ethnicity
- Residential Setting
- Ambulatory Status
- Pre-operative Modified Fraility Index (MFI-5)
- Delirium Score

**Site of Service**
- Name and Address (TIN/NPI)

**Surgeon**
- Name (NPI)

**Fracture**
- Fracture Type
- Fracture Classification

**Procedure**
- Type (ICD-10, CPT)
- Date of Surgery
- Injury Date
- Regional Block
- Osteoporosis Screening
- Calcium/Vitamin D Supplementation
- Implants and Grafts

**Comorbidities and Complications**
- Comorbidities (ICD-10)
- Height + Weight/Body Mass Index
- Length of Stay
- American Society of Anesthesiologists Score
- Charlson Comorbidity Index (CCI)
- Operative and Post-operative Complications
- COVID-19 as a prior diagnosis

**Patient-Reported Outcomes**
- PROMIS-10 Global or VR-12
- PROMIS Physical Function
- Anatomic-specific PROMs for each module

**Also Accepted:**
- PROMIS-29
- PROMIS Anxiety
- PROMIS Depression
- PROMIS Pain Interference
- PROMIS-CAT (only accepting summary scores)
**ANKLE FRACTURE**
Fracture
- Dislocation Type
- Open/Closed
- Injury Mechanism
- Pre-operative Closed Reduction

**Procedure**
- External Fixation
- Syndesmotic Fixation
- Lateral, Posterior Malleolus, Medial Treatment
- Adjunct Treatments
- Associate Articular Impaction Details
- Stress Evaluation Method and Findings

**Anatomic-Specific PROMs**
- PROMIS Pain Interference

**Additionallly Accepted:**
- FAAM
- FAOS

**DISTAL RADIUS FRACTURE**
Fracture
- Fracture Status
- Pre-operative Closed Reduction
- Angulation Type
- Shear Type
- Presence of Scaphoid Fracture
- Presence of Ipsilateral Ulnar Fracture

**Procedure**
- Fixation Type
- ORIF Fixation
- Pre-ORIF with Staged External Fixation
- TFCC Repair
- Distal Radioulnar Joint Stabilization

**Post-Operative**
- Range of Motion
- Grip Strength

**Anatomic-Specific PROMs**
- DASH or QuickDash

**HIP FRACTURE**
Fracture
- Fracture Stability

**Procedure**
- Surgical Approach *arthroplasty only
- Surgical Technique
- Fixation Type

**Anatomic-Specific PROMs**
- HOOS, Jr.

**Additionallly Accepted:**
- HOOS

**DISTAL FEMUR FRACTURE**
Fracture
- Presence of Bone Defect

**Procedure**
- Use of Bone Cement
- Planned Return to OR

**Anatomic-Specific PROMs**
- KOOS, Jr.

**Additionallly Accepted:**
- KOOS

**PROXIMAL HUMERUS FRACTURE**
**Patient**
- Pre-operative Advanced Imaging

**Fracture**
- Presence of Full-Thickness Rotator Cuff Tear
- Presence of Glenohumeral Dislocation
- Presence of Osteoarthritis or Inflammatory Arthritis

**Procedure**
- Surgical Approach
- Surgical Technique

**Anatomic-Specific PROMs**
- ASES
- SANE

**Additionallly Accepted:**
- PROMIS Upper Extremity