

FRACTURE & TRAUMA REGISTRY

OVERVIEW

The American Academy of Orthopaedic Surgeons (AAOS) announced the Fracture & Trauma Registry (FTR) as the fifth in a series of anatomical, evidence-based registries that are part of the AAOS' Registry Program. FTR will collect data on five of the more common fractures in the United States. The FTR marks the first AAOS Registry built on a synergistic approach where collaborative modules will be available across the RegistryInsights® platform, offering expanded, crossover benefits to AAOS Registry Program participants. The FTR will begin with a limited-release beta testing group in late 2020 with full participant enrollment in Spring 2021.

The FTR's modules will include:

- Hip fracture – A collaborative module with the AAOS American Joint Replacement Registry (AJRR).
- Distal Femur Fracture
- Proximal Humerus Fracture – A future module planned in collaboration with the AAOS Shoulder & Elbow Registry (SER).
- Distal Radius Fracture
- Ankle Fracture

STEERING COMMITTEE

- **Michael J. Gardner, MD, FAAOS – Chair**
Stanford University Surgery
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- **Douglas W. Lundy, MD, MBA, FAAOS**
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- **Heather A. Vallier, MD, FAAOS**
MetroHealth Medical Center
- **Philip R. Wolinsky, MD, FAAOS**
University of California at Davis Medical Center

GET STARTED



Organizations interested in participating in the Fracture & Trauma Registry can contact RegistryEngagement@aaos.org.

DATA ELEMENT OVERVIEW

PROCEDURAL

Patient

- Name (Last, First)
- Date of Birth
- Social Security Number
- Diagnosis (ICD-10)
- Gender
- Race/Ethnicity
- Residential Setting
- Ambulatory Status
- Pre-operative Modified Frailty 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

This is an overview of the FTR data elements and is not all inclusive.

COMORBIDITIES & 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 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 Depression
- PROMIS Anxiety
- PROMIS-CAT **summary score only*
- PROMIS Pain Interference

MODULES AVAILABLE

- Hip Fracture
**Collaboration the AAOS American Joint Replacement Registry (AJRR)*
- Distal Femur Fracture
- Proximal Humerus Fracture
**Collaboration the AAOS Shoulder and Elbow Registry (SER)*
- Distal Radius Fracture
- Ankle Fracture

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MODULE-SPECIFIC ELEMENT OVERVIEW

HIP FRACTURE

Fracture

- Fracture Stability

Procedure

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

Anatomic-Specific PROMs

- HOOS, Jr

Additionally accepted:

- HOOS

DISTAL FEMUR FRACTURE

Fracture

- Presence of Bone Defect

Procedure

- Use of Bone Cement
- Planned Return to OR

Anatomic-Specific PROMs

- KOOS, Jr

Additionally 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

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MODULE-SPECIFIC ELEMENT OVERVIEW

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*

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

Additionally accepted:

- FAOS
- FAAM

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