



**American
College of
Foot and Ankle
Surgeons®**

ACFAS BASIC LEARNING PATHWAY: Trauma 1 – Forefoot

Learning Objectives of this Pathway:

- Describe surgical and non-surgical approaches for forefoot fractures.
- Recognize and recall bone healing principles.
- Identify different surgical techniques for the management of forefoot trauma.
- Recall various methods for post-operative care.
- Assess best modalities to achieve optimal outcomes and prevent complications.

Day 1:

Clinical Sessions:

[Interaction of Mechanics and Biology for Optimal Bone Healing](#)

Surgical Technique Videos:

[Open Reduction Internal Fixation of Metatarsal Fractures](#)

Podcasts:

- [Trauma Management in the Compromised Patient](#)
- [Effect of Early Rehabilitation and Weight Bearing on Tendon and Bone Healing](#)

E-Book Chapters:

[Trauma of the Foot and Ankle e-Book](#)

- Chapter 1 – General Trauma Assessment
- Chapter 2 – Soft Tissue Envelope
- Chapter 15 – Lacerations
- Chapter 3 – Tendon Ruptures: EHL and EDL tendons
- Chapter 5 – Digital Fractures
- Chapter 6 – Metatarsal Fractures

Journal Articles:

- [Treatment Options for Turf Toe: A Systematic Review](#)
- [Demographics and Functional Outcomes of Toe Fractures](#)

The ACFAS learning pathways are a tool to be used by residency directors, fellowship directors and school faculty to aid with didactic learning during the COVID-19 crisis. They are not intended to replace a curriculum, but to supplement student and resident education during this time of need.

The learning pathways are divided into basic, intermediate, and advanced categories.

Pathways have been organized into specific topics that have a variety of educational materials from the ACFAS On Demand course content. They also include journal articles with links primarily from the Journal of Foot and Ankle Surgery (JFAS).

Day 2:

Clinical Sessions:

- [Jones Fractures](#)
- [How to Close the Gap: Filling Bone Voids](#)

Surgical Technique Videos:

- [Percutaneous Reduction of Fifth Metatarsal Jones Fracture](#)
- [Open Reduction Internal Fixation of Fifth Metatarsal Avulsion Fracture \(Tension Banding\)](#)
- [Percutaneous or Limited Open Reduction Internal Fixation LisFranc Fracture](#)

Podcasts:

- [Lisfranc's Fusion for Trauma](#)
- [Post-Operative Fracture Care](#)

E-Book Chapters:

[Trauma of the Foot and Ankle e-Book](#)

- Chapter 7 – Lisfranc Fractures/Dislocation
- Chapter 13 – Compartment Syndrome in the Foot and Ankle
- Chapter 16 – Open Fractures of the Foot and Ankle
- Chapter 17 – Pediatric Fractures: Digital and Hallux Fractures
- Chapter 17 – Pediatric Fractures: Metatarsal Fractures
- Chapter 18 – Gunshot Wounds

Journal Articles:

- [Surgical Management of Fifth Metatarsal Diaphyseal Fractures: A Retrospective Outcomes Study](#)
- [Comparative Outcomes of Cast and Removable Support in Fracture Fifth Metatarsal Bone: Systematic Review and Meta-Analysis](#)
- [Functional Outcomes After Gunshot Wounds to the Foot and Ankle](#)
- [Compartment Syndrome of the Foot: An Evidence-Based Review](#)

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