



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

ACFAS ADVANCED LEARNING PATHWAY: Pediatrics 3 – Fracture Management

Learning Objectives of this Pathway:

- Review and understand the timeline of bone formation in pediatrics
- Review and understand pediatric foot and ankle anatomy, including tissue type(s), with respects to considerations in trauma.
- Describe fractures/dislocations unique to the pediatric patient of the foot and ankle including etiology, clinical workup, patterns, treatment, and unique complications or risk factors.

Day 1: Concepts Review & Pediatric Rearfoot Fractures

Clinical Sessions:

[Transitional Fractures](#)

Surgical Techniques:

None

Podcasts:

None

E-Book Chapters:

[Trauma eBook](#)

Ch 17: Pediatric Fractures

Journal Articles:

- [Talar Fracture/Dislocation in the Adolescent Patient](#)
- [Is the Midterm Progress of Pediatric and Adolescent Talus Fractures Stratified by Age?](#)
- [Low-Energy Hawkins Type III Talar Neck Fracture-Dislocation With Neurovascular and Tendon Entrapment in a Pediatric Patient](#)
- [Operative Management of a Pediatric Talar Body and Neck Fracture: A Case Report](#)
- [A Method of Open Reduction of an Irreducible Hawkins Type III Fracture of the Talar Neck](#)
- [Low-Energy Hawkins Type III Talar Neck Fracture-Dislocation With Neurovascular and Tendon Entrapment in a Pediatric Patient](#)
- [Minimally Invasive \(Sinus Tarsi\) Approach for Open Reduction and Internal Fixation of Intra-Articular Calcaneus Fractures in Children: Surgical Technique and Case Report of Two Patients](#)

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).

Outside Journal Articles:

[Injuries Involving the Epiphyseal Plate](#)

Day 2: Pediatric Ankle Fractures

Clinical Sessions:

None

Surgical Techniques:

None

Podcasts:

None

E-Book Chapters:

[Trauma eBook](#)

Ch 17: Pediatric Fractures

Journal Articles:

- [Non Union of an Epiphyseal Fibular Fracture in a Pediatric Patient](#)
- [Arthroscopic Assisted Fixation of Juvenile Intra-articular Epiphyseal Ankle Fractures](#)
- [Irreducible Salter Harris Type II Distal Tibial Physeal Fracture Secondary to Interposition of the Posterior Tibial Tendon: A Case Report](#)
- [High Fibular Fracture in Association with Triplane Fracture: Reexamining This Unique Pediatric Fracture Pattern](#)
- [Reconstruction of the Pediatric Lateral Malleolus and Physis by Free Microvascular Transfer of the Proximal Fibular Physis](#)
- [Displaced Salter-Harris Type I Distal Fibula Fractures: Two Case Reports and a Review of the Literature](#)
- [The Use of Pediatric Flexible Intramedullary Nails for Minimally Invasive Fibular Fracture Fixation](#)

Outside Journal Articles:

[The Management of Open Tibial Fractures in Children a Retrospective Case Series of Eight Years' Experience of 61 Cases at a Paediatric Specialist Centre](#)

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