ACFAS INTERMEDIATE LEARNING PATHWAY:  
Pediatrics 1 – Forefoot

Learning Objectives of this Pathway:
- Describe treatment considerations for metatarsus adductus when it presents at different ages or with other associated foot deformities.
- Describe specific considerations that help minimize complications when using callus distraction to treat brachymetatarsia.
- Describe the treatments used to surgically manage pediatric digital deformities.
- Describe the mainstay of management for common pediatric foot/ankle osteochondroses.
- Compare and contrast the evaluation and surgical management of a juvenile hallux valgus deformity from an adult hallux valgus deformity.

Day 1: Metatarsus Adductus and Brachymetatarsia

Clinical Sessions:
Pediatrics | In Toeing: Metatarsus Adductus

Surgical Techniques e-Learning:
Common Foot & Ankle Procedures (online format) | Brachymetatarsia Repair with Callus Distraction

Clinical Sessions:
Forefoot Case Debates/Controversies | Metatarsus Adductus with HV: Lapidus vs Global Correction – Correction of Metatarsus Adductus with HAV

Journal Articles:
- Callus Distraction Versus Single-Stage Lengthening with Bone Graft for Treatment of Brachymetatarsia: A Systematic Review
- Cuneiform and Cuboid Wedge Osteotomies for Correction of Residual Metatarsus Adductus: A Surgical Review

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).
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Outside Journal Articles/Books:

- Hutchinson, B. “Pediatric metatarsus adductus and scowlfe deformity.” *Clin Podiatr Med Surg*

Day 2: Digital Deformities and Pediatric Foot/Ankle Osteochondroses

Clinical Sessions:

- [Pediatrics | Digital Deformities](#)
- [Pediatrics | Osteochondrosis](#)

Journal Articles:

*Ray Reduction of the Foot in the Treatment of Macrodactyly and Review of the Literature*

Outside Books:

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**Day 3: Juvenile Hallux Valgus Deformity**

**Clinical Sessions:**
[Pediatrics | HAV](#)

**Surgical Techniques e-Learning:**
[Common Foot & Ankle Procedures (online format)](#) | Akin Osteotomy

**Journal Articles:**
[Radiographic Measurements of Patients with Juvenile Hallux Valgus Compared with Age-Matched Controls: A Cohort Investigation](#)

**Outside Books:**