



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

ACFAS ADVANCED LEARNING PATHWAY: Charcot – Etiology and Treatment

Learning Objectives of this Pathway:

- Analyze information and measurable indicators presented to help evaluate patients with Charcot foot.
- Learn about and determine if conservative care is beneficial for the treatment of Charcot foot.
- Evaluate various medicinal treatment options for Charcot neuroarthropathy.
- Compare and contrast surgical and non-surgical treatment approaches through case-based presentation.

Day 1:

Clinical Sessions:

- [Biomarkers: What Have We Learned from the Test Tube?](#)
- [Bone Healing with Internal or External Fixation: Does it Matter and What are We Measuring?](#)
- [Conservative Treatment: Is it More Successful Than You Think?](#)

Podcasts:

[Charcot Ankle Reconstruction](#)

E-Book Chapters:

[Orthobiologics for Foot and Ankle e-Book](#)

Chapter 12-II - Effects of Mechanical Environments on Bone Healing: Section II. Biologic Effects of Fixation

Journal Articles:

- [A Systematic Review of Current Surgical Interventions for Charcot Neuroarthropathy of the Midfoot](#)
- [High Incidence of Recurrent Ulceration and Major Amputations Associated with Charcot Foot](#)
- [Excess Cost and Healthcare Resources Associated with Delayed Diagnosis of Charcot Foot](#)

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:

- [Medical Management: Which Pharmaceuticals are Making a Difference?](#)
- [Surgical Reconstruction: When Is It Truly Necessary?](#)
- [Can Amputation be Possibly Better than Salvage?](#)

Podcasts:

[Functional Limb Salvage: Achieving Form and Function](#)

Journal Articles:

- [Combined Internal and External Fixation for Diabetic Charcot Reconstruction: A Retrospective Case Series](#)
- [Trabecular Quality and Cellular Characteristics of Normal, Diabetic, and Charcot Bone](#)
- [Charcot Neuroarthropathy in Patients with Diabetes: An Updated Systematic Review of Surgical Management](#)

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