



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

## **ACFAS BASIC LEARNING PATHWAY: Nerve Surgery – Basics, Tips and Tricks**

### **Learning Objectives of this Pathway:**

- Understand the relevant gross and microscopic peripheral nerve surgical anatomy
- Describe the indication(s) for peripheral nerve surgery
- Describe soft tissue handling principles techniques in peripheral nerve surgery
- Describe various intra-operative method(s) and techniques used in peripheral nerve surgery: magnification, intra-operative diagnostics, imaging, etc.
- Describe various materials, implants, and grafts used in nerve surgery
- Describe specific complications and methods of decreasing neuroma recurrence

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### **Day 1: Diagnostics & Workup**

#### Clinical Sessions

- [Intraoperative Electrodiagnostics: How Do You Know Your Release Is Successful?](#)
- [Nerve Imaging: Can You Really See the Nerve?](#)
- [Common Fibular Nerve Entrapment: How Often Is It Overlooked?](#)

#### Podcasts:

[Managing Nerve Endings](#)

#### E-Book Chapters:

none

#### Journal Articles:

- [Diagnosis and Treatment of Forefoot Disorders. Section 3. Morton's Intermetatarsal Neuroma](#)
- [Sonographic Evaluation of Interdigital Neuromas](#)
- [Diagnostic Value of Elastography in the Diagnosis of Intermetatarsal Neuroma](#)
- [Intraoperative Nerve Monitoring for Tarsal Tunnel Decompression: A Surgical Technique to Improve Outcomes](#)

### **Day 2: Nerve Surgery**

#### Clinical Sessions

[Rethinking Interdigital Neuromas: Not as Simple as Cut or Keep](#)

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*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).*

Surgical Techniques:

[Morton's Neuroma Excision](#)

Podcasts:

None

E-Book Chapters:

None

Journal Articles:

- *(Encourage to Review)* - [JFAS Collections: Neuroma](#)
- [Superficial Peroneal Nerve to Deep Peroneal Nerve Transfer With Allograft Conduit for Neuroma in Continuity](#)
- [Nerve Transfer with Entubulated Nerve Allograft Transfers to Treat Recalcitrant Lower Extremity Neuromas](#)
- [Treatment of Recurrent Neuroma of the Interdigital Nerve by Implantation of the Proximal Nerve into Muscle in the Arch of the Foot](#)
- [Reconstruction of a Painful Post-Traumatic Medial Plantar Neuroma with a Bioabsorbable Nerve Conduit: A Case Report](#)
- [Decompression of Peripheral Nerves for Diabetic Neuropathy in the Lower Extremity](#)
- [Metatarsalgia and Morton's Disease: Comparison of Outcomes Between Open Procedure and Neurectomy Versus Percutaneous Metatarsal Osteotomies and Ligament Release with a Minimum of 2 Years of Follow-Up](#)
- [Retrospective Analysis of Neurapraxia and Axonotmesis Injuries of Select Peripheral Nerves of the Foot and Ankle and Their Conservative and Surgical Treatment \(External Neurolysis and Neurectomy\)](#)

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