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

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
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 Neuapraxia and Axonotmesis Injuries of Select Peripheral Nerves of the Foot and Ankle and Their Conservative and Surgical Treatment (External Neurolysis and Neurectomy)