



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

ACFAS ADVANCED LEARNING PATHWAY: Total Ankle Replacement (TAR)

Learning Objectives of this Pathway:

- Understand the indications for total ankle replacement
- Review and recognize the potential complications of TAR
- Become familiar with advanced and restorative techniques of Total Ankle Arthroplasty
- Recognize and understand the importance of patient selection in TAR

Days 1-4:

Clinical Sessions:

- [Valgus Foot Correction with Ankle Arthroplasty](#)
- [Ankle Arthroplasty in the Varus Ankle with Lateral Collateral Ligament Instability](#)
- [How Important is Medial Column Stability in Ankle Arthroplasty?](#)
- [Balancing the Cavovarus Foot Prior to Ankle Arthroplasty](#)
- [Soft Tissue Handling Techniques for Preventing Wound Complications in TAR](#)
- [Managing Bone Loss with Ankle Arthroplasty](#)

Podcasts:

- [TAR Proper Patient Selection](#)
- [TAR](#)

Journal Articles:

- [Sagittal Ankle and Midfoot Range of Motion Before and After Revision Total Ankle Replacement: A Retrospective Comparative Analysis](#)
- [Takedown of Painful Ankle Arthrodesis to Total Ankle Arthroplasty: A Case Series of 77 Patients](#)
- [Total Ankle Arthroplasty and Ankle Arthrodesis Use: An American Board of Orthopaedic Surgery Part II Database Study](#)
- [Clinical Effectiveness of Treatment Strategies for Prosthetic Joint Infection Following Total Ankle Replacement: A Systematic Review and Meta-Analysis](#)
- [A Survey for End-Stage Ankle Arthritis Treatment: Ankle Arthrodesis Versus Ankle Arthroplasty](#)
- [Age-Related Outcomes in Total Ankle Arthroplasty: An Analysis of 112 Patients](#)
- [Heterotopic Ossification in Total Ankle Arthroplasty: Case Series and Systematic Review](#)
- [Relationship Between Body Mass Index and Complications in Total Ankle Arthroplasty: A Single Surgeon's Experience in Ninety-Seven Replacements](#)

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).

- [The Effect of Sagittal and Coronal Balance on Patient-Reported Outcomes Following Mobile-Bearing Total Ankle Replacement](#)
- [Comparative Analysis of Short-Term Postoperative Complications in Outpatient Versus Inpatient Total Ankle Arthroplasty: A Database Study](#)
- [Recent National Trends and Outcomes in Total Ankle Arthroplasty in the United States](#)
- [Effect of Obesity on Total Ankle Arthroplasty: A Systematic Review of Postoperative Complications Requiring Surgical Revision](#)
- [Does Total Ankle Arthroplasty Belong in the Comprehensive Care for Joint Replacement?](#)
- [Patient-Related Risk Factors for Periprosthetic Ankle Joint Infection: An Analysis of 6977 Total Ankle Arthroplasties](#)
- [Total Ankle Replacement with Severe Valgus Deformity: Technique and Surgical Strategy](#)
- [Is the Internet a Reliable Source of Information for Patients Seeking Total Ankle Replacement?](#)
- [A Review of 399 Total Ankle Replacements: Analysis of Ipsilateral Subtalar Joint Arthrodesis and Associated Talar Component Subsidence](#)

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