



Lower Extremity Orthotics Review Part Two: Course 2
Detailed Course Description/Agenda
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Learning Objectives. Attendees will...

- a. Identify and describe types of knee orthoses
- b. Identify and describe basic biomechanical principles
- c. Identify benefits of knee ankle foot orthoses
- d. Describe differences between custom fit and custom fabricated

This 1-hour course includes:

- Introduction
 - Orthotic Terminology Review
 - “Ideal” orthosis
 - Custom Fit
 - Custom Fabricated
- Purpose of Lower Limb Orthoses
 - Immobilize
 - Protect
 - Support
 - Positioning
 - Prevention of Deformities
 - Assistance in functional motions
- Application of Biomechanical Principles
 - Comfort
 - Purposes of Orthoses
 - Orthotic Effectiveness/Three Point Force Application
- Knee Orthoses
 - Prophylactic
 - Rehabilitative
 - Functional
 - Patellofemoral
 - Unloader
- Knee Ankle Foot Orthoses
 - Indications
 - Goals
 - Challenges
 - Design
- Hip Orthoses
 - Indications
- Patient Education
- Quiz / Evaluation