



Upper Extremity Orthotics: An Overview Detailed Course Description/Agenda

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Learning Objectives. Attendees will...

- a. Identify and describe types of upper extremity orthoses
- b. Identify and describe physiological considerations
- c. Identify benefits of upper extremity 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 Upper Extremity Orthoses
 - Protect
 - Support
 - Positioning
 - Prevention of deformities
 - Assistance in functional motions
- Types of Upper Extremity Orthoses
 - Static
 - Dynamic
- Functional Position of the Hand & Wrist
 - Reach
 - Prehension
- Physiological Considerations
 - Permit & encourage active motion
 - Disuse atrophy
- Orthoses
 - Hand orthosis
 - Wrist-hand orthosis
 - Elbow orthosis
 - Shoulder orthosis
 - Fracture orthosis
- Quiz / Evaluation