Learning Objectives

MedBridge
Orthoses for Mobilization: Dynamic Orthoses
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Course Objectives:
Upon completion of this course, learners will be able to:

- Identify indications, precautions and contraindications for the use of dynamic orthoses for mobilization of the upper extremity.
- Discuss the goals of dynamic orthoses for mobilization of the upper extremity.
- Recognize the advanced biomechanical principles involved in fabrication of dynamic orthoses for mobilization of the upper extremity.
- Identify the common clinical conditions that might benefit from dynamic orthoses for mobilization.
- Identify components of outrigger systems used in orthotic fabrication of dynamic orthoses.
- Review the protocol(s) for rehabilitation using a dynamic MCP extension orthosis.
- Observe and practice the pattern making for the wrist-based orthosis.
- Observe and practice fitting a dynamic outrigger to the wrist-based orthosis to support the repaired structures.
- Review the clinical scenarios where a dynamic wrist extension assist orthosis would be beneficial for clients.
- Observe and practice the pattern making for the base orthosis.
- Observe and practice fitting coils to the base orthosis to help support the wrist in extension.