COURSE DATE: April 4, 2020


TITLE: Immobilization Orthotic Fabrication

DESCRIPTION: The focus of this course will be the orthotic fabrication process. A dynamic format utilizing lecture, case studies, demonstration and hands-on lab activities will address the skill of orthotic fabrication, this course will teach you the splint making techniques needed to successfully fabricate custom-made orthoses to meet your patient's needs. This interactive course is intended for the practicing PT, PTA, OT, COTA, with beginner to intermediate skill level. Participants will gain insight to appropriate products on the market as well as acquire 'Clinical Pearls' from the experienced instructor. Participant will have the opportunity to learn and identify which physical material properties are important to specific orthosis designs. Discussion of literature, clinical applications and problem solving techniques will be included. Various materials will be utilized including a wide range of thermoplastics and strapping. (Please note that due to time constraints, all orthoses may not be fabricated by each therapist)

OUTCOMES:
- Define proper orthotic nomenclature as described by ASHT and Medicare
- Describe and identify differences in the variety of orthotic and strapping materials available
- Compare the various thermoplastic materials based on understanding of their characteristics and clinical applications
- Demonstrate the concept of mechanical advantage and how this relates to application of an immobilization orthosis to a body part
- Explain the indications, precautions and contraindications for immobilization orthosis application
- Develop skills necessary to successfully fabricate a variety of immobilization orthoses
- Fabricate and assess proper fit and function of completed immobilization orthoses

INSTRUCTOR: Noelle Austin, MS, PT, CHT, is a graduate of Quinnipiac University with a Bachelors of Science in Physical Therapy and later obtained her Masters of Science from the University of Connecticut with a special focus on Allied Health Education. She owns CJ Education and Consulting, LLC, offering private clinical education on orthotic fabrication, as well as consulting services related to splint product development. Noelle was initially certified by the Hand Therapy Certification Commission as a Certified Hand Therapist in 1996, and most recently re-certified in 2016. She is an active member of the American Society of Hand Therapists. She has been teaching the art and science of orthotic fabrication for nearly 25 years. In addition to conducting conferences both nationally and internationally, she has presented multiple sessions at Annual ASHT meetings, various

State Chapter meetings, and for Hand Therapy Special Interest Groups on the topic of orthotic fabrication.

Noelle has been practicing in Hand Therapy for nearly 30 years and most recently accepted a position with STAR Physical Therapy in the Nashville, TN area. She was previously employed at OrthoVirginia in Lynchburg and ProPT in Hamden, CT. She has also been adjunct faculty/guest lecturer in the Physical Therapy Programs at Lynchburg College in Virginia and Sacred Heart University in Connecticut, presenting lectures/labs on the topics of hand anatomy/kinesiology, examination/intervention and orthotic fabrication. Noelle also consults with Kinetec USA as a Senior Clinical Specialist, assisting in product development and education with their Manosplint thermoplastics.


LEVEL: Introductory - Intermediate

AUDIENCE: OT, OTA, PT, PTA

TIME ORDERED AGENDA:

- 8:00am Registration Opens
- 8:30am Lecture: Immobilization Orthoses
- 10:00am Break
- 10:15am Lab: hand-based CMC orthosis, wrist orthosis
- 12:30pm Lunch
- 1:30pm Lab: wrist/thumb orthosis
- 3:00pm Break
- 3:15pm Wrist/hand orthosis
- 5:00pm Adjourn

PRE-COURSE ASSIGNMENT:

Register Online: http://bit.ly/ce12704
REQUIRED COURSE MATERIALS:
Bring splinting scissors, hole punch, blunt nosed pliers and bag for finished orthoses. Course fee will cover thermoplastics, strapping and padding.

FOCUS:
Domain of OT: Client Factors
Occupational Therapy Process: Intervention & Outcomes

COURSE #: 12704


CEU's / CLOCK HOURS: 7 Contact Hours (0.7 CEUs)

LOCATION:
UW-Milwaukee Continuing Education
Plankinton Building, 7th Floor
161 West Wisconsin Avenue
Milwaukee, WI 53203

Register Online: http://bit.ly/ce12704