

Continuing Education for Healthcare Professionals



COURSE 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 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. Various materials will be utilized including a wide range of thermoplastics and strapping.

LEARNING 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

PROGRAM NUMBER: 10402

CEUs: 0.7 (Contact Hours: 7 hours)

PRICE: \$255 (before/on 10/10)
 \$295 (after 10/10)

LEVEL: Intermediate

AUDIENCE: OTs, OTAs, PTs, PTAs

CONTENT FOCUS: Domain of OT:
 Client Factors
 Process:
 Evaluation and Intervention



Immobilization Orthotic Fabrication

INSTRUCTOR: Noelle M. Austin, MS, PT, CHT

Noelle M. 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 has been teaching the art and science of orthotic fabrication for nearly 20 years. In addition to conducting conferences both nationally and internationally, Noelle has been involved in product development and training sales representatives for Patterson Medical (Sammons Preston). She has written a regular column on Orthotic Fabrication in Patterson Medical's publication Rehab Insider. She has presented multiple pre-conference workshops at Annual ASHT meetings, as well as various State Chapter meetings on the topic of orthotic fabrication.



Most recently, Noelle accepted a position with Kinetec USA as a Splinting Consultant to assist in product development. She also has taken a position as a Clinical Education Consultant with Rehab Education to present seminars and on-site training presentations on the topic of orthotic fabrication.

Noelle has been practicing in Hand Therapy for more than 25 years and is currently employed as a Hand Therapist at OrthoVirginia in Lynchburg Virginia; she previously worked for 17 years at ProPT in Hamden, CT. She 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. She is an active member of the American Society of Hand Therapists.

Noelle is co-author and co-editor of the book: Orthotic Intervention for the Hand and Upper Extremity: Splinting Principles and Process published by Lippincott Williams and Wilkins, 2003/2013. In addition, she authored the chapter 'Wrist and Hand Complex' in the 4th/5th/6th edition of Joint Structure and Function: A Comprehensive Analysis (Levangie and Norkin) published by FA Davis in 2005/2011/2017. Noelle also authored 'Orthotics in the Management of Hand Dysfunction' in the 2nd and 3rd edition of Orthotics and Prosthetics in Rehabilitation (Lusardi and Nielsen) published by Elsevier 2007/2012.

DATE: Friday, November 10, 2017 - 8:30 a.m. to 5:00 p.m.

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

QUESTIONS? CONTACT US

Immobilization Orthotic Fabrication

Instructor: Noelle Austin, MS, PT, CHT

Friday November 10, 2017

Agenda

8:30 AM Lecture: Immobilization Orthoses

10:00 AM Break

10:15 AM Lab: hand-based CMC orthosis, wrist orthosis

12:30 PM Lunch (on your own)

1:30 PM Lab: wrist/thumb orthosis

3:00 PM Break

3:15 PM Wrist / hand orthosis

5:00 PM Question and Answer; Adjourn