

ORTHOTIC FABRICATION:
PRINCIPLES AND
TECHNIQUES

Name: _____

Profession: _____

Email: _____

Phone: _____

Work _____

Mobile _____

2018 DATE SELECTION:

Minneapolis, MN July 21-22

Specific Course locations to be determined. Accommodation information available upon request

COURSE FEE

\$499 2 DAYS

\$300 1 DAY

PAYMENT METHOD:

Please go to website to pay on-line.

www.ClinicalSpecialtyEducation.com

If you need to pay by check, or are taking only one day, please email Patricia to make arrangements at patriciarcse@gmail.com

SPECIAL NEEDS REQUEST: We will make our best effort to accommodate any needs contact patriciarcse@gmail.com

**THIS COURSE IS ELIBIBLE FOR
14 CONTACT HOURS
OR 1.4 CEU'S**

Approved by CA APTA

Approved by AOTA

Student/faculty ratio 15:1

Target Audience:

PT, PTA, OT, OTA

Educational level: Intermediate

AOTA Classification Codes: Category 1

Domain of OT

Instructional methods: Lecture and slide presentation, case study discussions, splinting demonstration,

No pre-requisites required

We understand that, with limited funds for continuing education, you must make the most of your CE Dollars. There is no substitute for the learning experience that comes from live education with hands-on

75% refund if participant cancels before 10 days from course date - no refund within 10 days

Full refund if course is cancelled by CSE

Contact information:

Cell 612-730-7776, patriciarcse@gmail.com

www.clinicalspecialtyeducation.com

Successful completion by attending entire workshop and successfully passing post-test with a minimum score of 80%



The assignment of AOTA CEU's does not imply endorsement of specific course content, products, or clinical procedures by AOTA.

**CLINICAL SPECIALTY EDUCATION
EXCELLENCE IN
UPPER EXTREMITY
CONTINUING EDUCATION
Patricia Roholt PT, CHT**



Patricia has enjoyed a varied background in her 40 years as a therapist. She has been practicing hand therapist for over 33 years and a CHT for 26 years. Patricia has taught live continuing education seminars on various hand therapy topics since 1992. After several years of focusing on clinical practice, Patricia has returned to her role as a professional educator since 2014. She is enthusiastic and excited about sharing her extensive background and experience with both physical and occupational therapists and assistants interested in hand therapy!

ORTHOTIC FABRICATION: PRINCIPLES AND TECHNIQUES



- Course Agenda Day 1**
Course Hours 9:00 - 5:00
Includes 1 hour lunch and 2 -15 minute breaks
- * **Splint types/purposes of static splints**
 - * **Material Selection**
 - * **Biomechanical Principles**
 - * **Splint design/pattern making**
 - * **Strapping and padding**
 - * **Custom finger splint**
 - Lecture/demonstration lab**
 - * **Prefabricated splints**
 - * **Custom Hand Based Splints**
Lecture/demonstration lab
 - * **Custom forearm splints**
Lecture/demonstration lab

See website for hour by hour agenda

This seminar provides detailed instruction on the fabrication and clinical application of a wide variety of orthotics for the hand including static, dynamic, and static progressive mobilization splints. All custom splints discussed are illustrated and described in detail. Participants will observe the instructor fabricating multiple splints of both static and dynamic designs in a fun and open setting. The complete course manual contains over 30 life sized patterns which are available exclusively at this course! Use of these patterns insures immediate clinical success and significantly increases confidence!

Course Objectives/Learner Outcomes

- * Recognize the different types and functions of static as well as dynamic and mobilization splints
- * Describe the characteristics of various thermoplastics and material selection criteria for a variety of splint types.
- * Describe biomechanical principles as they apply to splint design and fabrication as well as to splint modifications required as joint/tissue mobility improves.
- * Identify common prefabricated splints and describe their uses, advantages, and disadvantages.
- * List the pros and cons/similarities and differences between static progressive splinting versus dynamic splinting for mobilizing joints and soft tissues
- * Describe the benefits of using and designing custom splint patterns and describe advantages, disadvantages, and selection criteria of various designs.
- * Problem solve splint design issues in the face of patient variables.
- * Identify splint coding designation and describe billing/reimbursement issues.



- Course Agenda Day 2**
Course Hours 9:00 -5:00
Includes 1 hour lunch and 2 15 minute breaks
- * **Mobilization splinting**
biomechanics, design and fabrication
 - * **Outriggers, line guides, tension sources**
 - * **Hand based mobilization splints**
lecture/demonstration lab
 - * **Forearm mobilization splints**
Lecture/demonstration lab
 - * **Wrist and elbow splinting**
lecture
 - * **Splint coding and billing**
 - * **Case study discussion/problem solving session**
 - * **Questions/answers**
 - * **Course evaluation/Post test (must get score of 80% to pass test)**