

OTTOBOCK TRAINING FOR PHYSICAL THERAPISTS ON PROSTHETICS AND ORTHOTICS



**Sat, April 1, 2017
8:00 am – 5:00 pm EDT**

**La Quinta Inn and Suites Hickory
1607 Fairgrove Church Road
Conover, NC 28613**

Price:

\$40 per person for BOTH AM and PM session.
Includes light breakfast, lunch, and refreshments in the afternoon

\$25 per person for AM session ONLY.
Includes light breakfast and lunch.

\$25 per person for PM session ONLY.
Includes lunch and refreshments in the afternoon.

Please see agenda on the back of this flyer

To register, visit: http://bit.ly/ottobock_cp-o

Questions?

For more information, please contact Glenn Lyda, CPO, at 828-244-5541 or Rick Riffle, CP, at 707-787-3707 at Creative Prosthetics and Orthotics.

If you need assistance with the registration, please contact the Ottobock Education Team at uslmseducation@ottobock.com or call 800-328-4058 and ask to speak with an Education Coordinator.



Hosted by:
Creative
Prosthetics and Orthotics

AGENDA

OTTOBOCK TRAINING FOR PHYSICAL THERAPISTS ON PROSTHETICS AND ORTHOTICS

A.M. Training Session: (8:00 a.m. - 12:00 p.m.)

Gait and Microprocessor Knees Training

This seminar will provide physical therapists, physicians and other healthcare workers an overview of the functions and benefits of prosthetic knees and specifically the Kenevo, C-leg, Genium and X3. Both lecture and demonstration with patient models will be included. A review of the gait cycle and how individuals with amputations compensate in their walking will be covered. Gait training, balance and weight shifting exercises will be included. Tips for training a patient to utilize the functions of a microprocessor knee will be demonstrated. A review of current research related to MPK technology efficacy will also be discussed.

Course Outline:

- Overview of Gait
- Comparison of MPKs and Mechanical knees
- Gait training basics
- Current research
- Overview of the Kenevo, C-leg4, Genium and X3 Bionic Knee System
- Weight shifting, Pelvic rotation, Toe load descending and ascending Stairs and Ramps
- Questions and Answers

Learning Objectives:

At the end of the session participants will be able to:

- describe the key phases of the gait cycle as it relates to prosthetic gait
- identify common prosthetic knee components and their features
- demonstrate basic gait training techniques
- facilitate successful patient outcomes when using the Kenevo, C-leg, Genium and X3.

Presenter: Mark Edwards, CP, MHPE

Mark Edwards is the Director of Professional and Clinical Services for Ottobock North America. He was formerly the Director of Prosthetics Education at Northwestern University's Prosthetics-Orthotics Center. He has his Master's degree in Health Professions Education from the University of Illinois at Chicago and has been certified in prosthetics by the American Board for Certification since 1985.

Credits Offered:

- PT Credits: 4 NC PTA, 0.4 SC PTA, and 4 GA PTA CEUs
- O&P Credits: 4 (s) ABC CEUs

*Please remember to sign-in and provide your license or certification number(s) in order to receive credit.

Lunch break (12:00 - 1:00 p.m.)

P.M. Training Session: (1:00 - 5:00 p.m.)

Stance Control to Orthotronic Mobility: Utilizing Orthoses to Optimize Patient Outcomes

Patients who have been restricted to using crutches or wheelchairs can achieve a whole new level of safety and a more natural gait than they had before. Research has shown that patients can get better function, satisfaction, and safety from a microprocessor controlled device than from a traditional knee ankle foot orthosis.* Find out more about how microprocessor-controlled technology is changing the KAFO landscape during this presentation and course. This seminar includes clinical presentation as well as hands-on training and patient demonstration so you can see first-hand the impact of walking with a locked KAFO versus the C-Brace®. In addition, Ottobock AFO, KAFO and bracing solutions will be presented.

**An Orthotronic Walking Device Improves Walking Capabilities of Traditional KAFO Users; Kannenberg, Andreas, MD PhD; Ludwigs, Eva, Dipl-Ing (FH); Zacharias, Britta, Dipl-Ing (FH), 2014. ©2015 Otto Bock HealthCare LP • 13026B-NYC • 3/15*

Course Outline:

- Introduction and Course Overview
- Lower Extremity Solutions: Below the knee, Above the knee
- Utilizing a decision tree
- Overview of Orthotics: AFOs, KAFOs, SCOs, Orthotronic Mobility System
- Patient Evaluation, Device Fitting, and Trial process
- Utilize AFO / KAFO Selection Guide
- Discussion / Q&A

Learning Objectives:

At the end of the course, the participants will be able to:

- Differentiate between the gait phases and how the Orthotronic Mobility C-Brace® System is working respectively
- Design an individualized gait training based on physical findings of the user and the technical possibilities the C-Brace® System offers
- Teach the patient how to walk with the Orthotronic Mobility C-Brace® System and operate it in different activities (motoric control)

Presenter: Curt Kowalczyk, CO

Curt became a Certified Orthotist in 1985 and came to Ottobock in 2007. Curt develops and provides orthotic clinical education for both custom and custom-fit products. Curt enjoys working with customers and their patients to achieve the right design for the right patient.

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