



Lower Limb Amputations: Prosthetic Technology and Rehabilitation (with lab)

Overview: This course explores the latest advancements in prosthetic technology, emphasizing an interdisciplinary approach to prosthetic prescription and clinical decision-making. Participants will gain a foundational understanding of prosthetic gait mechanics and learn to develop individualized intervention strategies. Through interactive case studies featuring individuals with amputations, participants will have the opportunity to apply theoretical knowledge and clinical techniques in a practical, real-world setting.

Audience: Occupational Therapists, Occupational Therapy Assistants, Physical Therapists, Physical Therapy Assistants

Presenters:

- A. Christopher Dalmass, CP (PO000161)
Certified Prosthetist, Prosthetic Innovations, LLS
- Jaclyn Grenier, PT, DPT
Advanced Clinician - Spruce Unit, Bryn Mawr Rehab Hospital
Inpatient Physical Therapist at Bryn Mawr Rehab Hospital
- Jared Halverson, CP (PO000289)
Certified Prosthetist, Prosthetic Innovations, LLS
- Timothy Rayer, CP, LPNJ (PO000146)
Certified Prosthetist at Prosthetic Innovations, LLC

Objectives: At the completion of this course, the learner will be able to:

- Describe the roles and collaborative processes among physical therapists, physiatrists, prosthetists, and patients in guiding clinical decision-making for lower limb prosthetic prescriptions.
- Identify K-level classification of lower limb prosthetic componentry and discuss decision making related to prosthetic prescription
- Distinguish functional capabilities of non-microprocessor, microprocessor and bionic components
- Evaluate gait mechanics of a prosthetic user and discern both prosthetic source and patient source of gait impairment
- Develop interventions to target functional limitations and improve gait mechanics for individuals using a prosthesis
- Select objective measures related to prosthetic training to justify functional gains to both the patient and third party payers

Program Date: October 18, 2025

Program Length: 5.25 hours

Program Location: Bryn Mawr Rehab Hospital

Program Cost: \$100.00

Program Agenda:

8:30 am	Registration
9:00 am	Overview and types of amputations
9:10 am	Healthcare reform
9:20 am	Medicare Functional Classification Levels “K-Levels”
9:40 am	Driving forces of prosthetic technology
10:10 am	Prosthetic components: Socket Design and Suspensions
10:50 am	Break
11:00 am	Prosthetic components: Hip, Knees and Feet
12:00 pm	Lunch
12:30 pm	Gait Mechanics and Postural Asymmetries
12:50 pm	Prosthetic Gait Training Evaluation
1:30 pm	Prosthetic Training Interventions
2:00 pm	Break
2:10 pm	Lab/Case Studies
3:15 pm	Adjourn

CE Statement:

- OT: Main Line Health is a recognized by the PA State Board of Occupational Therapy as a pre-approved provider. This course is applicable for 5.25 contact hours (0.525 CEUs).
- PT: This course has been submitted to the PA State Board of Physical Therapy for 5.25 contact hours (0.525 CEUs).

Participant Satisfaction/Complaint Policy: Program evaluation evaluates participant satisfaction and complaints are handled by designated BMRH representative.

Satisfactory Completion: Requirements for satisfactory completion of this course include full attendance at the course as evidenced by monitored sign-in/sign-out sheet, completion of perceived attainment of course objectives, and self-assessment of how course materials will impact clinical performance and/or outcomes.

Cancellation Policy: Main Line Health reserves the right to cancel an educational event. In the event that Main Line Health cancels the event, participants will be refunded 100% of any registration fees paid.

Participants may cancel their participation in the course. The course tuition is refundable, minus a 20% processing fee, if the cancellation is received in writing at least one week prior to the start date of the course. No refunds or credits will be granted if notice is provided less than one week prior to the start date. No refunds or credits will be granted for no shows.

Faculty Disclosures:

Faculty	Financial	Non-Financial
A Christopher Dalmass, CP	No disclosure	Prosthetist at Prosthetic Innovations, LLC. Receives no compensation for participation in this course.
Jaclyn Grenier, PT, DPT	Receives a salary from Main Line Health	No disclosure
Jared Halverson, CP	No disclosure	Prosthetist at Prosthetic Innovations, LLC. Receives no compensation for participation in this course.
Timothy Rayer, CP	No disclosure	Prosthetist at Prosthetic Innovations, LLC. Receives no compensation for participation in this course.