

# Introduction to Amputee Rehabilitation for Home Health Therapists

Inger Brueckner, MS, PT

## Faculty

Inger Brueckner is the principle physical therapist treating amputee patients at Presbyterian/St. Luke's Medical Center. Her experience working with multidisciplinary teams spans from pediatrics to geriatrics; partial foot to hemipelvectomy; and partial hand to forequarter amputation including multi-limb loss. Inger has a master's degree in PT, co-authored an article on pre-prosthetic training, and speaks at numerous conferences. She's involved in research that includes grant applications, protocol development, and outcome collection. She specializes in pediatric vestibular dysfunction at Sky Ridge Medical Center and is the Director of the PACER program for the Center for Concussion. Inger is excited to share her experiences working with a team to meet the needs of the amputee population.

Disclosure -Financial: Ms. Brueckner receives an honorarium from ERI for teaching. Non-financial: No non-financial relationships to disclose.

## About this Course

This course offers an introduction to the necessary skills for management of the limb loss patient. Clinical expertise can be difficult to obtain since this population is a small proportion of the rehabilitation caseload. Current research, expert opinions from PT, OT, orthopedic and plastic surgeons, PM&R, prosthetists, as well as patient experiences will be presented. The class addresses the medical issues and common complications that place limbs at risk. Attendees will learn to make educated clinical decisions to improve function. This dynamic course addresses limb loss due to diabetes, vascular disease, trauma, cancer, sepsis and congenital issues. Current guidelines recommend therapy interactions start pre-operatively and continue through the lifespan of the patient. Many of the techniques described in the course can be applied to patient populations with limbs at risk and the multi-trauma patient. The course is primarily lecture with multiple video clips taken throughout the continuum of care. Access to videos of demonstrated techniques will be included.

## Objectives

- ① Design, implement and modify an individual rehabilitation program using up to date techniques recognizing common problems encountered by patients with limb loss
- ② Be familiar with suspension systems and prosthetic componentry as well as describe location of further resources to enhance patient outcomes when working with prosthetics
- ③ Recognize concerns that would require consultation with other professionals including physicians and prosthetists.

## Patient Population & Audience

PT, OT, PTA, OTA (and other medical professionals) working with patients who have limb loss

## Schedule

9:00-09:15	Introduction and scope of problem, K levels
9:15-10:15	Medical issues leading to limb loss, specific issues with diabetes, PVD, foot ulcers, and infection
10:15-10:30	Surgical levels, management of nerve and muscles, goals of surgery VA/DOD treatment guidelines
10:30-10:45	Break
10:45-11:30	Post-op care, exercise examples, pre-prosthetic limb shaping, initial mobilization, mirror therapy
11:30-12:00	ADLs, adaptive equipment, wheelchair and home modifications
12:00-12:15	Skin management for prosthetic use
12:15-12:45	Lunch
12:45-1:15	Prosthetic components, suspension systems, ankle/foot and knee devices
1:15-1:45	Don/doff instruction, fall and floor transfers when to call prosthetist, when to call MD, home safety

## Schedule- continued

1:45-2:15	Initial gait training, common mobility barriers
2:15-2:30	Break
2:30-3:00	Balance training, exercise ideas and HEP core components
3:00-3:15	Phantom limb pain, residual limb pain, back pain treatment recommendations
3:15-4:00	Wrap up and Q&A

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## Credits

This course meets the criteria for 6 contact hours (.6) CEUs, Intermediate Level. Most Physical Therapy State Boards accept webinars as a live offering. Please check with your state board to confirm.

Application has been made to the NJ Board of Physical Therapy.

Approved provider by the NY State Board of Physical Therapy for 7.2 contact hours (.72 CEUs).

Education Resources, Inc. is an approved provider for Physical Therapy CEUs in the following states: CA and TX. The following state boards of physical therapy accept other states' approval: AK, AR, AZ, DC, DE, GA, HI, ID, IN, KS, MI, MO, MS, NC, OR, PA, RI, SC, UT, VA, VT, WI, WY.

The following state boards of physical therapy either do not require course pre-approval or do not require CEUs for re-licensure: AL, CO, CT, IA, MA, ME, MT, NE, ND, NH, SD, WA.



Approved provider of continuing education by the American Occupational Therapy Association #3043, for 6 contact hours (.6) CEUs - Intermediate Level Occupational Therapy Process: assessment, intervention. The assignment of AOTA CEU's does not imply endorsement of specific course content, products or clinical procedures by AOTA.

This course meets the approval of the TX Board of OT Examiners.

NBCOT professional development provider – 6 PDU's

6 hours of this course qualify towards the discipline-specific hours for the 20-hour requirement for NDTA re-certification. They do NOT qualify towards the 8-hour NDTA Instructor requirement for re-certification

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## Webinar Dates – 2020- One Day Session

Saturday, October 17    Live Webinar    9:00am-4:00pm EST (US)

Sunday, October 18    Live Webinar    9:00am-4:00pm EST (US)

Registration is for a one day session, EITHER Oct 17 or Oct 18. Log-In Instructions and Course Materials will be emailed/added to your ERI account 2-3 Days prior to the first date of the Webinar



\$179 fee. **LIMITED ENROLLMENT** Cancellation will be accepted until 14 days prior to the start date of the course, minus a \$75 Administration Fee. There will be NO REFUNDS after this 14 day deadline. Registration will be accepted after deadline on a space available basis. We encourage you to register online!

**WEBINAR: Introduction to Amputee Rehabilitation for Home Health Therapists**

**October 17, 2020**

or

**October 18, 2020**

**Course Registration Form**

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