

# Burn Rehab Essentials

May 17-18, 2016

8am – 4:30pm

Biomedical Research Tower  
Room 115  
460 W. 12th Avenue  
Columbus, OH 43210



This 2-day intensive course covers a multitude of rehab specific topics as they relate to burn care of the adult and pediatric patient. (Must attend both days to receive the credit).

**Who should attend?** Any occupational, physical, speech therapist interested in learning more about burn rehabilitation care or nurses who would like to learn more about burn rehabilitation care.

## **Burn Rehabilitation Course Objectives**

Upon completion of this course participants will be able to:

- Outline the history and evolution of burn rehabilitation
- Summarize the anatomy and physiology of healthy skin and the changes that occur with burn injury
- Identify the assessment and classification of burn etiology, depth, extent of injury and their relationship to burn rehabilitation
- Discuss the pathology, symptoms and sequelae of burn injuries related to burn rehabilitation
- Describe the biomechanics of skin, scar, soft tissue and relevance to burn rehabilitation techniques
- Identify the components of a comprehensive burn rehabilitation evaluation and considerations for treatment planning
- Examine the consequence of burn scar contracture and formation of hypertrophic scar following a burn injury
- Formulate a positioning and splinting program for a patient with a burn injury
- List the guidelines for pressure management of burn scars
- Determine appropriate strategies for exercise, mobilization and ambulation with patient with burn injury
- Describe considerations for burn rehabilitation in the later stages of burn recovery and the impact of long-term outcome
- Explain the indications and use of modalities in the treatment of patients with burn injury
- Summarize special considerations for the burned hand
- Describe methods of scar assessment and management for the patient with burn injury
- Identify special considerations for the treatment of special populations with a burn injury (pediatric, geriatric)
- Describe the current status and topics in need of clinical advancement in burn rehabilitation and methods of investigation
- Discuss competencies and specialty certification for burn therapists

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## Instructors

We are honored to have Ingrid S. Parry, MS, PT and Reg Richard, MS, PT teach this course. Together Ingrid and Reg have over 60 years of combined burn rehabilitation and research experience in both pediatric and adult burn care. They have authored more than 100 publications in the area of burn care and rehabilitation and currently are co-investigators on a multi-center research grant challenging goniometry practice in burn rehabilitation.

**Ingrid S. Parry, MS, PT** received her BS in kinesiology from the University of Colorado, Boulder and her MS in physical therapy from Duke University. She has worked in burn care for 21 years and currently holds the dual roles of Rehabilitation Research therapist and Burn Rehabilitation Physical Therapist at Shriners Hospital for Children, Northern California and the University of California Davis. She is a past member of the American Burn Association Board of Trustees and Chair of the Membership Advisory Committee. She currently is Chair of the ABA Rehabilitation Committee and the Ad hoc Certified Burn Therapist Committee and serves on the Verification Committee. Ingrid is a reviewer for the *Journal of Burn Care & Research* and the international journal *Burns* and is progenitor of the current clinical competencies for burn therapists.

**Reg Richard, MS, PT** has been involved in burn rehabilitation his entire career spanning 40 years and currently is the Clinical Research Coordination for Burn Rehabilitation at the U. S. Army Institute of Surgical Research Burn Center in San Antonio TX. Reg is a long-standing member of the American Burn Association having served on a number of committees including the Board of Trustees and currently serves on the Archives Committee. He is a past section editor for the *Journal of Burn Care & Research* and reviewer for the international journal *Burns*. Reg has co-edited two burn texts: *Burn Care and Rehabilitation Principles and Practice* and *An Atlas and Compendium of Burn Splints*. He received his B. S. degree from Indiana State University and his M. S. degree in Exercise Science from the University of Dayton. He is a graduate of the Northwestern University Physical Therapy Program.

**Course Medical Director:** Dr. J. Kevin Bailey, MD, associate professor of surgery, The Ohio State University

At the completion of this course, the attendee will receive a certificate of attendance. Ohio Continuing Education Units are still pending for Physical Therapy, Occupational Therapy and Nursing.

**Registration website:** [go.osu.edu/burnrehab](http://go.osu.edu/burnrehab)

**Registration Fee:** \$250

Space is limited and expected to fill quickly. Early registration is encouraged.



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