

Motor Recovery Post CVA



DESCRIPTION

Past research has purported interventions of constraint, intensity, and repetition as key factors to stroke recovery. Stroke recovery, however, is multifactorial depending on the person's social determinants of health and most importantly, lesion location and the extent of damage, which dictates impairment. The key to recovery and subsequent minimization of impairment and potential for maximal outcomes is to understand the role of the brain in recovery as it relates to motor output. This course addresses the predictors of stroke outcome, neuroanatomical regions responsible for motor function and how those regions are impacted by a lesion. Motor versus functional recovery is defined and discussed. Treatment interventions for motor recovery are analyzed for impact on movement. Therapy practitioners are given the opportunity to demonstrate clinical decision-making and critical thinking skills regarding motor versus functional recovery by answering questions for written and video case studies that address impairment and treatment interventions for the upper extremity (UE), trunk, and lower extremity (LE). The course includes examples of daily living activities and functional mobility skills needed for successful participation in life roles as related to the content. Last, social determinants of health are addressed using concepts of diversity, inclusion, equity and or belonging in a person-centered manner so that skills learned can be immediately applied to therapy plans of care, specifically therapeutic interventions in acute care, inpatient/outpatient rehab or home health.

OBJECTIVES

Upon completion of this course, the participant should be able to:

1. Differentiate motor recovery from functional recovery.
2. Identify the factors that determine CVA impairment.
3. Predict how CVA impacts normal movement based on lesion location from a motor perspective.
4. Design treatment interventions targeting motor impairments that address daily living skills and mobility.
5. Evaluate those interventions for application of social determinants of health
6. Integrate information learned to justify treatment interventions which can be immediately applied to neurologic rehabilitation practice.

Target Audience:

Physical Therapist, Physical Therapist Assistant, Occupational Therapist, Certified Occupational Therapist Assistant

FEE \$43 Consortium Member \$83 Non-Consortium Member

Deadline to register: 5/1/2025

Cancellations and Refund Policy: Cancellations must be made prior to each program's cancellation deadline date as listed on its program details page in order to be eligible for a refund. If you paid a registration fee for your in-person or webinar program and cancel via the registration system by the cancellation refund deadline, you are eligible for a full refund (minus any material fee, if applicable) Refunds are typically processed within 10-15 business days after that.

INSTRUCTOR

Jennifaye V. Brown, PT, MSPT, PhD, NCS, CAPS has 35 years of clinical experience focused in neurorehabilitation across the continuum of care and has presented numerous continuing education courses on adult neurologic assessment and treatment intervention for acquired brain injury, particularly stroke. Her primary research agenda explored the perceptions of individuals with stroke regarding their experiences with AFO fabrication, modification and maintenance and how the AFO impacts walking and participation in life roles. Her research has culminated in a book, *Brace Yourself - Everything You Wanted to Know About AFOs After Stroke*. As an Advanced Credentialed Clinical Instructor by the Clinical Instructor Education Board and a four 10-year term board certified neurologic clinical specialist by the American Board of Physical Therapy Specialties (ABPTS) of the APTA, Dr. Brown has taught at six PT and two PTA programs. She is a Certified Aging in Place Specialist, conducting home assessments for the South Carolina (SC) Department of Disabilities and Special Needs in addition to individuals with recent neurologic diagnoses. Dr. Brown is a member of the APTA, Neurology Section of the APTA, SC Chapter of the APTA, Aerobics & Fitness Association of America, and a graduate of the prestigious APTA Fellowship in Education Leadership

Friday,
May 2, 2025

1:00 pm — 3:00 pm
Webinar via Webex

CREDIT

AHEC: This program is approved for 0.20 CEU's (2.0 clock hours) by Pee Dee AHEC and meets SC AHEC Best Practice standards. Participants must attend 90% of the program and complete an evaluation in order to receive a certificate of attendance. No partial credit will be given.

Occupational Therapy: 2.0 contact hours of continuing education for Occupational Therapists by the SC Occupational Therapy Association has been approved for 2.0 CEUs.

Physical Therapy: 2.0 contact hours of continuing education for physical therapist has been approved by the SC APTA for .20 CEUs.



To register, scan
For questions, please contact
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