Cancellation Policy: Motivations, Inc. reserves the right to cancel a course up to 14 days prior to the course, with full refund, if insufficient numbers of participants have registered for the course. Registrants may cancel up to 14 days prior to the course and transfer their tuition to any Motivations, Inc. course, or receive a full refund. Any cancellations within two weeks prior to the course will receive a refund less $100 for administrative costs.
#230 Clinical Neuroanatomy for Rehabilitation Therapists
Lesions, Impairments, and Treatment Interventions®

SUMMARY:
Do you wonder where the time goes during the evaluation period and you did not assess an impairment critical to a patient’s problem? Would knowing lesion site and the affected anatomical structures clue you into performing key assessments and prioritizing treatment interventions? If so, your patients would have a better-developed and precise plan of care to address impairments. The purpose of this course is to review neuroanatomy as it relates to rehabilitation for occupational and physical therapy practice. A variety of impairments as related to lesion sites will be discussed via the use of case studies. Treatment interventions based on evidence-based practice will be offered as options for patient care. The World Health Organization (WHO) International Classification of Functioning, Disability and Health (ICF) will be used as a framework for delivery of care in neurorehabilitation.

PRESENTER: Jennifaye V. Greene, PhD, PT, NCS has a Master of Science degree in Physical Therapy (University of Miami-Florida) and a PhD in Exercise Science (University of South Carolina). Jennifaye has 24 years of clinical experience focused in neurorehabilitation, which includes acute care, acute and subacute rehab, outpatient, day rehab, and home health. She has presented numerous continuing education courses on adult neurologic assessment and treatment intervention for brain injury and stroke. She became board certified as a clinical specialist in neurology by the American Board of Physical Therapy Specialties (ABPTS) of the American Physical Therapy Association (APTA) in 1995, recertified in 2004, and completed the process for recertification in 2014. The ABPTS appointed Jennifaye to the Specialization Academy of Content Experts to serve a two-year term that included writing and editing items for the neurology specialist certification examination. Jennifaye is also a Credentialed Advanced Clinical Instructor by the Clinical Instructor Education Board of the APTA. She has taught at Physical Therapy and Physical Therapy Assistant Programs in Georgia and South Carolina.

Jennifaye’s special interests and extensive clinical background include gait analysis and training; ankle foot orthosis design to improve gait; splinting/casting of the lower extremity for the neurologic patient; and neurodevelopmental treatment (NDT). She has completed eight NDT courses beyond the Neuro-Developmental Training Three Week Adult Hemiplegia Course in addition to Beverly Cusick’s “Casts & Splints.” Dr. Greene has worked with astute orthotists at a variety of rehabilitation facilities including the Shepherd Center in Atlanta, GA perfecting her ability to design AFOs based on neuromuscular and gait impairments and has developed a special interest in AFOs to accommodate ladies shoes. She is a member of the APTA, Neurology Section and SC Chapter of the APTA, American Academy of Physical Therapy, American Heart Association/American Stroke Association, Aerobics & Fitness Association of America and the Neuro-Developmental Treatment Association. Please visit website www.jvbneuropt.com for a sample of continuing education course descriptions and sponsorship information.

OBJECTIVES: Upon completion of this course the participant will be able to:
1. Identify and describe the functional anatomy of the brain.
2. Explain the relationship between lesion site and impairment level.
3. Discuss test measures indicated in research based on lesion site and impairment level.
4. Choose optimal treatment interventions based on clinical application of evidence-based practice.
5. Define the purpose of the World Health Organization and the International Classification of Functioning, Disability, and Health.
6. Integrate information and justify treatment interventions for neurologic rehabilitation practice.

FORMAT: This 8 contact hour course is equivalent to 0.8 CEUs. Motivations Inc is an approved provider by The Texas Chapter of the APTA. We follow the PT licensing Board guidelines in the states in which the course is held. Motivations, Inc. is an approved CEU provider by AOTA.

AUDIENCE: Physical Therapists, Physical Therapy Assistants, Occupational Therapists, and Certified Occupational Therapy Assistants.

PREPARATION: It is highly recommended that participants bring a book/resource with neuroanatomical pictures of the brain.

AGENDA:

8:00 am - 8:05 am Introductions & Pre-test
8:05 am - 9:45 am Lobes of the Brain & the Basal Ganglia
9:45 am - 10:00 am Break
10:00 am - 11:15 am From the Inside Out: HAL and the White Matter Phenomenon
11:15 am - 11:30 am The Halves Have It: Hemispheric Functions
11:30 am - 12 noon Thalamus: The Sensory Integration Center
12:00 noon - 1:00 pm Lunch on your own
1:00 pm - 1:30 pm Thalamus Continued
1:30 pm - 2:15 pm Brain Stem: House of the Cranial Nerves & the Blues
2:15 pm - 2:30 pm Break
2:30 pm - 3:35 pm Cerebellum; Treatment for Dysmetria, Ataxia & Proprioception
3:35 pm - 4:20 pm The Vascular System & Common Stroke Syndromes
4:20 pm - 5:05 pm Vision: A Clear View & “Oh Say Can You See...” Revised 1/2014 2
5:05 pm - 5:30 pm Applying the International Classification of Functioning, Disability and Health (ICF) to a Neurologic Clinical Case Study
5:30 pm Questions & Answers; Post-test

Course Offerings

Portland, OR: February 8, 2014 - Hosted by Legacy Health
Myrtle Beach, SC: February 22, 2014 - Hosted by Waccamaw Rehabilitation Center
Gainesville, GA: March 29, 2014 - Hosted by Northeast Georgia Medical Center
Seattle, WA: July 19, 2014 - Hosted by Highline Physical Therapy
Atlanta, GA: August 23, 2014 - Hosted by Emory University Hospital