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Type Registration	Definition	Price
Group rate	Register 20 or more	\$40
Individual Rate	Single Registration	\$65

Course # Course Title

Webinar Date

Name Discipline

Facility

Home Mailing Address

City State Zip

Daytime Phone Fax

E-mail Address for Confirmation (will not be shared or sold)

Webinar Cancellation Policy: Motivations, Inc. reserves the right to discontinue or reschedule a course from our listing of options. Should you have already registered, you will receive a full refund. Participants may receive a full refund when requesting cancellation 24 hours prior to the the webinar. After that time, a credit for a future Motivations event may be awarded.

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WEBINAR

#7248 Neurologic Gait Analysis and Treatment

Part III: Lesions of the Cerebellum

Instructor
Jennifaye V. Brown, PhD, PT, NCS

Audience: Physical Therapists and
Physical Therapist Assistants

Delivery Options:
Live Webinar or Self-Study Options

SUMMARY: The focus is on increased understanding and application of therapeutic interventions to improve abnormal neurologic gait patterns observed from lesions in the cerebellum. This course will review typical stroke lesions of the cerebellum and describe resulting impairments that may be observed during gait. Using a systems approach, physical therapy practitioners will be instructed how to formulate interventions within their scope of practice and establish and or follow a plan of care to improve gait impairments. The presentation will utilize a case-based approach to demonstrate and summarize application of material. (intermediate level)

PRESENTER: Jennifaye V. Brown, PT, PhD, NCS has a BA-Psychology (Emory University), a MS- Physical Therapy (University of Miami-FL) and a PhD-Exercise Science (University of South Carolina). Dr. Brown has 28 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. Dr. Brown's extensive clinical background include gait analysis and training and AFO fabrication. Her approach to effective gait analysis and treatment is to know the lesion site, understand neuroanatomical functions and along with past medical history, environmental, psychosocial and cultural factors, determine prognosis and devise realistic goals reflective of the client and caregiver's lived experiences. Her research agenda explores the perceptions of individuals with stroke regarding AFO fabrication, modification and maintenance and use this information to optimize AFO fabrication via 3D printing.

As an Advanced Credentialed Clinical Instructor by the Clinical Instructor Education Board and a three 10-year term board certified neurologic clinical specialist by the American Board of Physical Therapy Specialties (ABPTS) both of the APTA, Dr. Brown has taught at PT and PTA programs in Georgia and South Carolina (SC). She is a member of the APTA, Neurology Section of the APTA, SC Chapter of the APTA, American Heart Association/American Stroke Association, Aerobics & Fitness Association of America, the Neuro-Developmental Treatment Association and is a Certified Aging in Place Specialist by the National Association of Home Builders. Dr. Brown is currently an Assistant Clinical Professor at Ohio University in the Physical Therapy Program.

OBJECTIVES: Upon completion of this course the participant will be able to:

- 1) Accurately determine areas of the cerebellum given the functional anatomy
- 2) Precisely identify one impairment typically seen during gait based on a given cerebellum lesion post-stroke
- 3) Independently devise and adapt therapeutic interventions related to impairments of muscle tone discoordination, and or sensory (proprioceptive) loss impacting gait
- 4) Evaluate and correctly match gait impairments to cerebellum lesion location seen post-stroke given a case study

FORMAT: This is a 3-hour course equivalent to 3 CEU's or 0.3 CEUs offered as a live webinar or self-study.

For Live courses, the content is presented via an internet website displaying real time power points. Learners will receive a course instruction link. Instructors lecture through livestreaming internet on your computer. Questions may be asked during the webinar using the chat feature or the "raise hand" feature for live discussion.

For Recorded courses, learners will not be able to participate in real time with questions.

PT CEU's: Motivations Inc is an approved provider of Physical Therapy continuing education by these professional bodies: Texas Chapter of the American Physical Therapy Association, ILDPR- Illinois Department of Professional Regulation Approved PT CE Sponsor, NY- New York State Education Department, Office of the Professions. Physical Therapy Board of California. Many state boards recognize these for pre-approval purposes. Contact us if you would like verification a state.

AGENDA:

Pre-Study: 30 Minutes Plan to read the course materials, references and review the post test before the start time. Please be prepared to share patient case study and related question during the discussion time.

Time Increment	Topic	Instructional Method
0-5	Review of Learner Outcomes & Topic Introduction	Lecture
15	Cerebellum Functional Anatomy	Lecture/Interactive Discussion
20	Normal Gait Analysis	Lecture
20	Gait Impairments Related to Cerebellar Lesions	Lecture/Video/Discussion
30	Treatment Interventions to Improve Gait Impairments as a Result of Cerebellar Lesions	Lecture/Video/ Interactive Discussion
20	Case Study	Lecture/ Interactive Discussion
10	Q and A, Summary	Lecture

Post-test: Research, identify, and submit your post test question answers on the online form. This is an open book test you can take multiple times if needed to obtain the 70% score (Allow 30 minutes for these completion tasks)