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

Course #	Course Title	
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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 webinar. After that time, a credit for a future Motivations event may be awarded.

Special Needs Requests: Please email us any special needs related to vision, hearing, accessibility or any other considerations to completing the course so we can assist in advance.



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WEBINAR

#7232 Strengthening Concepts for Stroke Recovery©

Instructor:

Jennifaye V. Brown, PT, PhD, NCS, CAPS

Audience:

**Physical Therapists, Occupational
Therapists, and Assistants**

Delivery Options:

Live Webinar or Self-Study Options

Requisite Information: This course is recommended prior to registering for the 2-hour webinar: Use of Elastic Bands for Strengthening After Stroke©

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SUMMARY: Past research has purported interventions of constraint, intensity, and repetition as key factors to stroke recovery when there are strength or force generation deficits. Stroke recovery, however, is multifactorial that encompasses cognitive, motor, sensory, environmental, psychosocial components and most importantly lesion location and the extent of damage. Lesion location and damage dictates stroke impairment. This course defines and differentiates strength or force generation and how the person, task or environment may dictate how strength is assessed and subsequent treatment is implemented. Furthermore, the neuroanatomical origin of strength and/or force generation are discussed and how either is impacted based on lesion site. The course includes examples of daily living activities for participation in life roles and successful achievement of functional mobility skills as related to the content. Social determinants of health are addressed in a person-centered manner so that skills learned can be immediately applied to assessment which have to be performed under different contexts in acute care, inpatient/outpatient rehab or home health. Course instruction methods include lecture, demonstration, videos, case studies and question/answers. (Intermediate Level)

PRESENTER: 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 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, resulting in the book, *Brace Yourself - Everything You Need to Know About AFOs After Stroke*. She is a NDT-trained therapist with six additional courses taken after the NDT (Bobath) Three Week Course on Treatment of Adult Hemiplegia course. 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 and member of the APTA, Neurology Section of the APTA, SC Chapter of the APTA, Athletics & Fitness Association of America, and a graduate of the prestigious APTA Fellowship in Education Leadership. *Financial*— Received a teaching honorarium from Motivations Inc. *Nonfinancial*— No relevant nonfinancial relationship exists.

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

1. Distinguish strength from functional strength and force generation.
2. Examine the role of the cerebrum, cerebellum, brainstem & spinal cord in strength/force generation.
3. Differentiate between strength/force generation versus functional strength given a case study.
4. Evaluate how the person, task and or environment impacts strength assessment considering the concepts of diversity, equity, inclusion and belonging.
5. Integrate information learned to justify treatment interventions which can be immediately applied to neurologic rehabilitation practice.

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

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.

OT CEU's: Motivations Inc. is an AOTA Approved Provider of professional development. Course approval ID# **03385**. This Live and Distance Learning—Interactive and Distance Learning—Independent and Blended/Hybrid activity is offered at 0.3 CEUs **Intermediate-Level**, Occupational Therapy Service Delivery, Foundational Knowledge. The assignment of AOTA CEU's does not imply endorsement of specific course content, products or clinical procedures.

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.

5 minutes	Course Introductions & Review of Learner Outcomes
25 minutes	What is Strength, Functional Strength vs Force Generation?
30 minutes	Neuroanatomy Review: Cerebrum, Cerebellum, Brainstem & Spinal Cord Their Role in Strength/Force Generation
25 minutes	Strength – Impact of Person, Task & Environment Location
15 minutes	Case Study Applications
15 minutes	Summary of Training; Questions & Answers

Post-test: 30 Minutes 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. Complete the evaluation feedback survey and needs assessment. Obtain, review and save your auto-emailed certificate for your files.

For course dates, times and registration, please visit: www.motivationsceu.com