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UPDATED: 11-2-26

Type Registration	Definition	Price
Group rate	Register 20 or more	$75
Individual Rate	Single Registration	$95

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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National Credentials
Motivations Inc. works with the following CEU approval sources.
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TPTA Texas Physical Therapy Association

AOTA American Occupational Therapy Association Approved Provider

WEBINAR
#7200 An AFO Masterclass for Footdrop: Assessment, Fabrication & Optimal Treatment Strategies

Instructor:

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

Audience: Physical Therapists and Assistants

Delivery Options:
Live Webinar or Self-Study Options

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SUMMARY: This masterclass series is for a novice or seasoned physical therapy practitioner who needs insight for recommending, modifying, and optimizing rehabilitation strategies as it relates to ankle foot orthosis (AFO) interventions for foot drop, particularly after a stroke diagnosis. The first course focuses on the elements of the physical therapy examination and what recommendations should be made after evaluating examination data. Second, participants will learn how to fabricate a training AFO based on prioritized impairments. Lastly, the third course provides treatment interventions with the AFO on and off and how it can be modified as the patient/client demonstrates motor recovery.

COURSE DESCRIPTIONS:

#7266 Physical Therapy Neurological Examination for an Ankle Foot Orthosis

There is a paucity of research justifying the practice and evidence of the physical therapist's role in recommending an ankle foot orthosis (AFO). The comprehensive examination should be person-centered and collaborative in nature with the orthotist, but is often absent in rehabilitation practice. This course reviews components of a physical therapy examination for an AFO as presented in the literature and provides evidence of what should be included, deleted or modified based the person's impairments, social determinants of health *and* the presenter's experiences in AFO fabrication. The course addresses functional mobility skills related to gait and considers social determinants of health in a person-centered manner so that skills learned can be immediately applied to examine the foot and ankle for orthotic intervention in acute care, inpatient/outpatient rehab or home health.
Course instruction methods include: lecture, photographic/video demonstration, knowledge assessments, case study, and question/answers.

#7267 Fabrication of a Training Ankle Foot Orthosis

Research indicated that in inpatient rehab "The largest percentage of time in physical therapy sessions was spent on gait activities" (Jette, et al., Physical Therapy, 2005; 85(3): 238-248, p. 241). Custom ankle foot orthoses (AFOs) are not issued in inpatient rehab due to the costs and interim interventions such as stabilizing the foot with an ace bandage are not adequate. Facilities may not always have access to pre-fabricated AFOs or electrical stimulation units now being used as walking aides to replace AFOs. Focused rigidity casting is widely used in the orthopedic population and can be applied to the neurologic population. This course will provide insight on the use of focused rigidity casting to fabricate training a AFO.
Course instruction methods include: lecture, photographic/video demonstrations, knowledge assessment, case study, and question/answers with an opportunity to consult instructor if warranted.

#7255 Foot Drop & Falls Post Stroke: Ankle Foot Orthosis-Related Innovative Interventions for Safe Mobility

Falls due to foot drop during activities of daily living (ADLs) and participation in life roles are common among stroke survivors. Physical therapy practitioners have ample opportunities to address foot drop at the body structure function and activity levels though interventions that focus on recovery, prevention and compensation. Physical therapy practitioners are missing one innovative ankle foot orthosis (AFO)-related strategy that can reduce falls and furthermore, improve the probability of fall recovery through the developmental sequence of high kneel to half kneel, then to sitting or standing. This course addresses how physical therapy practitioners can apply this innovation that will improve safe mobility needed for gait during ADLs and therapeutic interventions related to societal roles with the outcome of reducing falls and mastering fall recovery.
Course instruction method includes: lecture, photographic/video demonstrations, case study, and question/answers.

PRESENTER: Jennifaye V. Brown, PT, MSPT, PhD, NCS, CAPS has a BA-Psychology (Emory University), a MS-Physical Therapy (University of Miami-FL) and a PhD-Exercise Science (University of South Carolina). Jennifaye V. Brown, PT, MSPT, PhD, NCS, CAPS has over 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. Dr. Brown developed a special interest in using 3D laser scanning & printing to design and fabricate AFOs that accommodate ladies' footwear based on neuromuscular and gait impairments. 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. As an Advanced Credentialed Clinical Instructor by the Clinical Instructor Education Board and a four-time 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

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graduate of the prestigious APTA Fellowship in Education Leadership. Her current interests are in stroke prevention and post-stroke fitness, particularly using aquatic fitness as a mechanism for exercise and physical activity.
Financial: Receives a teaching honorarium from Motivations Inc. *Nonfinancial*:No relevant nonfinancial relationship exists.

FORMAT: This is a 9-hour course equivalent to 9 CEU's or 0.9 CEUs offered as a live webinar or self-study.
For Live courses, the content is presented via an internet website displaying real time Microsoft PowerPoint slides. Learners will receive a course instruction link. Instructors lecture through livestreaming internet on your computer. Questions are asked during the initial webinar recording using the chat feature or the "raise hand" feature for live discussion. Thereafter, questions can be answered by contacting this instructor. For recorded courses, learners will not be able to participate in real time with questions.

PT CEUs: 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. The assignment of Texas PT CCUs does not imply endorsement of specific course content, products, or clinical procedures by TPTA or TBPTE.

This masterclass series includes access to the instructors eBook, Brace Yourself: Everything You Need To Know About AFOs After Stroke.

#7266

OBJECTIVES:

1. Formulate the components comprising a person-focused examination for an AFO based on research evidence presented.
2. Evaluate objective findings of the examination (including outcome measures) to prioritize impairments qualifying the need for an AFO.
3. Interpret the results of the subjective and objective examination portions including outcome measures to recommend an AFO based on a case study.
4. Integrate information learned to justify examination components or outcome measures which can be immediately applied to neurologic rehabilitation practice.

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 (Minutes)	Topic	Instructional Method	Learning Outcome
0 - 5 min (5)	Introductions & Review of Learner Outcomes	Lecture	
6-30 minutes (25)	Person-Centered Care & the Social Determinants of Health	Lecture, Photograph/Video Analysis; Video Demonstration; Knowledge Assessment	1
31-90 minutes (60)	AFO Examination Components	Lecture, Photograph/Video Analysis; Picture/Video Assessment Demonstration; Knowledge Assessments	1, 2
91-115 minutes (25)	Critical Appraisal of Subjective Information & Examination/Outcome Measurements	Case Study, Lecture, Photograph/Video Analysis, Interactive Discussion	1, 2, 3, 4
116-120 minutes (5)	Summary of Training, Q & A	Lecture/Interactive Discussion	1, 2, 3, 4

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 and save your auto-emailed certificate for your files.

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#7267

OBJECTIVES:

1. Evaluate impairment results to determine distinguishable features of a training AFO.
2. Independently discern which materials should be used and in what order to fabricate a training AFO.
3. Accurately modify application of fabrication materials to accommodate impairments, thus fabricating an effective training AFO that is safe for walking.

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 (Minutes)	Topic	Instructional Method	Learning Outcome
0-5 minutes (5)	Introductions & Review of Learner Outcomes	Lecture	
6-25 minutes (10)	Neurologic Impairment Review and Impact on AFO Fabrication	Lecture, Photograph/Video Analysis, Video Demonstration, Knowledge Assessment	1
26-50 minutes (25)	Explanation of Fabrication Materials	Lecture, Photograph/Video Analysis, Knowledge Assessments	1, 2
51-95 minutes (45)	AFO Fabrication Process	Lecture, Picture/Video Demonstration, Knowledge Assessments	1, 2, 3
96-110 minutes (15)	AFO Fabrication Assessment via a Case Study	Case Study, Lecture, Photograph/Video Analysis, Interactive Discussion	1, 2, 3, 4
111-120 minutes (10)	Course Summary, Q & A	Lecture/Interactive Discussion	1, 2, 3, 4

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 and save your auto-emailed certificate for your files.

#7255

OBJECTIVES:

1. Define the purpose of an AFO.
2. Choose the appropriate assessment to measure impairments related to foot drop at the body structure function and activity levels requiring gait for safe mobility.
3. Differentiate appropriate interventions that address impairments at body structure/function or activity levels using recovery, compensation or prevention as a premise to promote safe mobility and prevent falls.
4. Compare interventions that are activity-level appropriate for functional mobility versus those targeting the musculoskeletal or neuromuscular system at the body structure function level.
5. Integrate concepts of recovery, compensation or prevention, AFO modifications, and fall prevention/recovery that can be immediately applied to neurologic rehabilitation practice for safe mobility.

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 (Minutes)	Topic	Instructional Method	Learning Outcome
0 - 5 min (5)	Review of Learner Outcomes & Topic Introduction	Lecture	
6-25 min (20)	Post-Stroke Falls: Statistics & Causes	Lecture/Video and or Photograph Analysis; Video Demonstration	1

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26 - 40 min (15)	Ankle Foot Orthosis (AFO): Purpose & Potential	Lecture/Picture Analysis/Knowledge Assessment	2
41 - 65 min (25)	Relevant Assessment is the Key: Activity & Body Structure Function Level	Lecture/Photograph and or Video Analysis; Video Demonstration	3
66 - 95 min (30)	Innovative Treatment Interventions For Gait-Related Functional Mobility, Fall Prevention & Recovery	Lecture/ Knowledge Assessment/Photograph and Video Demonstration and Analysis	4
95 - 109 min (15)	Case Study	Lecture/ Photograph and Video Demonstration and Analysis	1-4
110-120 min (10)	Summary of Training	Lecture	1-5

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 and save your auto-emailed certificate for your files.