Rehabilitating the Stroke & TBI Patient with Interactive Metronome

Course Description:
Interactive Metronome inherently facilitates neuroplasticity and as a result, in the hands of the rehabilitation professional working with stroke and TBI patients has the potential to enhance outcomes. This course provides the certified IM provider with advanced rehabilitation techniques and training specific to the use of Interactive Metronome and the treatment of stroke and TBI patients. Best practices will be shared in this presentation along with practical examples and video demonstrations. *This course is not offered for contact hours/CEUs.*

Target Audience:
- Occupational Therapist
- Occupational Therapy Assistant
- Physical Therapist
- Physical Therapy Assistant
- Athletic Trainer
- Licensed Medical, Rehabilitation or Mental Health Professional
- Music Therapist

Learning Outcomes:
Upon completion of this course, participants will be able to:
- Recite the principles critical for neuroplasticity to occur;
- Use Interactive Metronome (IM) as an assessment tool for Stroke and TBI patients and to justify functional progress;
- Incorporate the phases of IM treatment & clinical best practices into IM treatment programs for patients diagnosed with either stroke or TBI;
- Adapt IM settings appropriately to facilitate the progress in various areas of cognitive and/or motor function;

*Note: This course covers information that pertains to licensed therapists and therapy assistants. OTA and PTA professionals must practice IM under the supervision of a licensed OT or PT.

Instructor:
Andrew Dillen Hartley, OTR/L graduated from the University of Pretoria, South Africa, school of Occupational Therapy in 1995 and moved to the USA in 1996. He is co-owner of Advanced Therapy Solutions, Inc, an outpatient Physical and Occupational Therapy practice serving clients of all ages in five locations. Mr. Hartley has 14 years of clinical experience and is trained in multiple treatment approaches with both adults and pediatrics. His interests include the treatment of deficits related to stroke, traumatic brain injury, Autism, development disorders, sensory processing disorders, ADHD, ADD and learning disabilities in infants, children and adults. His experience with sensory integration, neuromuscular re-education, brain gym, vision therapy, environmental adaptation, Tai-Chi, yoga and technology based treatment approaches for all ages has served him well as a presenter of certification courses, webinars and professional seminars. Mr. Hartley serves as a clinical advisor for Interactive Metronome and other “Therapy based” companies in research, protocol and practice development areas.

Disclosures:
Instructor Financial Disclosure(s): Dillen is an active member of Interactive Metronome’s Clinical Advisory Board, for which he receives an annual honorarium from Interactive Metronome, Inc. He is the author/co-author of numerous courses that focus on the clinical application of Interactive Metronome technology, for which he has received honoraria from Interactive Metronome, Inc. Dillen does not receive royalties or any other form of compensation for the continued publication and use of educational materials he has authored/coauthored. Dillen is also an instructor for Interactive Metronome, for which he receives a fee for teaching each course and reimbursement of travel expenses from Interactive Metronome, Inc. Dillen does not sell or receive compensation for the sale of Interactive Metronome products.

Instructor Nonfinancial Disclosure(s): Dillen uses the Interactive Metronome in clinical practice at Advanced Therapy Solutions.

Course Content Disclosure:
The Interactive Metronome, Inc. has developed and patented a licensed technology trademarked as the Interactive Metronome®. (U.S. Patents #4,919,030; #5,529,498; #5,743,744; #6,719,690; other U.S. and foreign patents pending) Interactive Metronome, Inc. is the sole source of the following products: Interactive Metronome®, Gait Mate® and IM

Home®. Because there are no other like-kind products available, course offerings will only cover information that pertains to the effective and safe use of the above-named products.

Agenda (60 minutes):

- Speaker introduction & disclosure
- Neuroplasticity & Post-Stroke Recovery
- Principles of Rehabilitation
- IM Assessment
- Measuring & Monitoring Progress
- Treatment Guidelines & Adaptations for Stroke and TBI Patients

Instructional Methods:
LECTURE, PPT, PHOTOS, VIDEOS

Contact Hours/CEUs:
This course is not offered for contact hours/CEUs.