

### Course Description:

The Interactive Metronome is an effective tool in the rehabilitation of the patient suffering from a traumatic brain injury. These patients have unique needs and their rehabilitation program requires constant adaptation and the use of Interactive Metronome best practices. The therapist working with the Traumatic Brain Injury patient must modify the Interactive Metronome modality to account for muscle tone, poor coordination, decreased cognitive functioning, poor frustration tolerance, aggressive behaviors and fatigue. This course will review the phases of IM treatment with adaptations specifically pertaining to the needs of the TBI patient. Share and review advanced techniques to facilitate patient participation, patient success and to facilitate the progression towards achieving functional goals. The goal of this course is to offer clinicians with innovative research based treatment approaches for the using the Interactive Metronome with the patient with a TBI. *This course is not offered for contact hours/CEUs.*

### Target Audience:

- Occupational Therapist
- Occupational Therapy Assistant
- Physical Therapist
- Physical Therapy Assistant
- Athletic Trainer

### Learning Outcomes:

Upon completion of this course, participants will be able to:

1. Identify and name key weaknesses and strengths that affect the TBI patient's ability to progress through the IM phases of treatment;
2. Manipulate IM program settings and tasks to address the strengths and weaknesses of the TBI patient;
3. Develop treatment strategies that include pre and post IM activities and best practices to maximize treatment outcomes for patients with TBI.

*\*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, OT** 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 company-serving clients of all ages in 4 locations. Dillen is experienced in multiple treatment approaches with a diverse population. Prior to starting his own company, Dillen was the director of therapy at Mary Black Regional Hospital. He has served on the board for the South Carolina Association of Rehab Professionals, the advisory board for Occupational Therapy Assistant Program at Greenville Technical College, where he also lectured for 2 years, and is a past board member as international liaison for the South Carolina Occupational Therapy Association. His main interest is in the treatment of deficits related to ADHD, ADD and learning disabilities with a variety of techniques. Currently he teaches the Interactive Metronome Certification course and the Advanced Interactive Metronome course: Making It Work.

### Contact Hours/CEUs:

This course is not offered for contact hours/CEUs.