

# Rehabilitating Lower Motor Neuron Damage with Interactive Metronome Self-Study



## Course Description:

To understand and adapt the Interactive Metronome technology, the rehabilitation professional must have a good understanding of the benefits of the IM program related to the anatomy, physiology and limitations caused by lower motor neuron damage. With a good knowledge of the impact of IM on peripheral nerves and the neuromuscular balance deficits and pain they cause, the clinician can develop a candidacy for the program and adapt the technology appropriately.

**\*Contact hours are offered pending successful completion of a written exam at the end of the course.**

## Target Audience:

This self-study welcomes the following professionals who have completed the Interactive Metronome Certification Course.

- Occupational Therapist
- Certified Occupational Therapy Asst
- Physical Therapist
- Physical Therapy Asst
- Athletic Trainer
- Licensed Medical Professional

## Instructional Level:

Advanced

## Learning Outcomes:

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

- Demonstrate understanding of neuron damage and healing after injury and the value of using IM in the discipline-specific assessment for these clients;
- Utilize IM as an assessment tool for Lower Motor Neuron injuries;
- Adapt IM settings to facilitate patient progress and reproduce various best practices for the treatment of lower motor neuron injuries.

## 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.

**CEUs Offered for:**

0.1 AOTA (OT/COTAs)

\*PTs & PTAs may submit paperwork to your state board for CEUs



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CONTINUING EDUCATION**  
by The American Occupational  
Therapy Association, Inc.

Interactive Metronome is approved by the Continuing Education board of AOTA to provide continuing education activities in occupational therapy. This program is offered for 0.1 CEUs (Advanced Level). The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA.