

The Effectiveness of Hand-over-Hand Interactive Metronome for Infants, Toddlers, and Clients with Severe Physical Disabilities



Course Description:

This presentation will review the basic principles of Interactive Metronome as they relate to motor control and functional movement. Hand-over-hand use of Interactive Metronome will be discussed for use with a diverse group of clients including infants, toddlers and clients with severe physical and/or cognitive impairments. Treatment options for working with movement disorders such as cerebral palsy and developmental delays will be reviewed. The use of IM for the reduction of spasticity and startle reactions will also be discussed.

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

Target Audience:

This course 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, Rehabilitation or Mental Health Professional
- Music Therapist

Instructional Level:

Advanced

Learning Outcomes:

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

- Identify clients who will benefit from hand-over-hand use of Interactive Metronome;
- Adapt basic IM techniques to infants, toddlers and severely disabled individuals;
- Recognize when to progress from hand-over-hand to independent use of Interactive Metronome.

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

Instructors:

Nancy Cavaliere PT, MS, DPT, C/NDT has been a practicing pediatric physical therapist for over 30 years. She has recently completed her Doctorate of Physical Therapy from the University of Montana. Nancy earned her BS in Physical Therapy from the University of Connecticut in 1980, followed by an MS in Developmental Disabilities from Long Island University in 1981. She is NDT Certified, having completed her basic training in Neurodevelopmental Treatment in 1983 and the Advanced Baby course in 1992. In addition, she also has expertise and advanced training in the areas of gait training and orthotics, as well as positioning, seating and wheelchair design. Nancy is the co-owner of Pediatric Therapy Services in Trumbull, CT. The practice is a collaborative therapy group which includes an occupational therapist and a speech/language pathologist who provide a team approach to the treatment of children with a wide variety of diagnoses. The group uses a variety of treatment interventions including NDT, Sensory Integration, PROMPT and Therapeutic Listening as well as Interactive Metronome. Nancy completed a case study on the use of Interactive Metronome as an intervention for an 11 month old diagnosed with congenital hemiplegia for her final doctoral project.

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.

CEUs Offered for:

0.1 AOTA (OT/COTAs)

1.0 BOC (ATs)

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



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.



Interactive Metronome, Inc. is recognized by the Board of Certification, Inc. to offer continuing education (CE) for Certified Athletic Trainers (ATs). This program has been approved for a maximum of 1.0 CEUs (Advanced Level). ATs are responsible for claiming only those hours actually spent participating in the CE activity.