

Course Description:

Interactive metronome has provided a creative avenue to facilitate progress in children with moderate to severe physical and cognitive challenges who previously had very limited functional gains. It has proven to be the catalyst that many children need in order to readily initiate play and social interaction, improve coordination, self-regulate and improve communication. Using IM with this population requires modification of each of the traditional program components. This course will address methods in which to accomplish this in the areas of pre and post assessments, as well as treatments. There will be emphasis on specific treatment ideas, positioning, use of alternate switches and methods to grade progression of interaction with IM while remaining in Phase 1 of treatment. Specific case study examples will be discussed to illustrate modifications and treatment suggestions. *This course is not offered for contact hours/CEUs.*

Target Audience:

- Speech and Language Pathologist
- Speech and Language Pathology Assistant
- Audiologist
- Occupational Therapist
- Occupational Therapy Assistant
- Physical Therapist
- Physical Therapy Assistant
- Athletic Trainer
- Licensed Medical, Rehabilitation or Mental Health Professional
- Music Therapist
- Educator

Learning Outcomes:

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

- Demonstrate knowledge of the modifications needed for use of IM with children who display moderate to severe neuromuscular conditions and cognitive delays;
- Grade therapeutic interactions in order to progress children within Phase I of IM treatment;
- Apply knowledge of positioning and switch adaptations to achieve optimal success with non-traditional use of IM.

**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.*

Specific Learning Outcomes for Speech-Language Pathologists & Audiologists:

- Demonstrate knowledge of the modifications needed for use of IM with children who display moderate to severe neuromuscular conditions and cognitive delays in order to promote habilitation of functional communication skills;
- Grade therapeutic interactions in order to progress children within Phase I of IM treatment;
- Apply knowledge of positioning and switch adaptations to achieve optimal success with non-traditional use of IM.

**Note: This course covers information that pertains to licensed therapists and therapy assistants. SLPA professionals must practice IM under the supervision of a licensed SLP.*

Instructor:

Amy Kampschroeder, OTR/L has been an Occupational Therapist for 14 years and has provided care for clients ranging from pediatrics to geriatrics in a wide range of settings including in-patient and out-patient rehabilitation, private clinic and developmental child care. She currently provides occupational therapy services for children ages 6 weeks to 5 years old with the vast majority having moderate to severe neuro-motor conditions and cognitive delays.

Amy received her BS in Occupational Therapy from East Carolina University in 1997. She received her NDT certification in 2000 and continued her study with advanced NDT courses in upper extremity management and hand function. She taught numerous staff in-services and off-site lectures on NDT and vision perception and was invited to speak at the NC Speech

and Language Association's Annual Convention in 2006. Amy has expanded her knowledge in pediatrics by completing courses addressing sensory integration, motor learning, NDT in the baby and young child, pediatric vestibular rehabilitation, primitive reflex integration, Beckman Oral Motor and Assessment techniques, Handwriting Without Tears and Interactive Metronome. Amy has enjoyed integrating IM in her pediatric treatments in a non-traditional manner and modifying interactions based on the strengths and needs of each child.

Disclosures:

Instructor Financial Disclosure(s): Amy is the author of course materials that focus on the clinical application of Interactive Metronome technology, for which she has received honoraria from Interactive Metronome, Inc. She does not receive royalties or any other form of compensation for the continued publication and use of educational materials she has authored. Amy does not sell or receive compensation for the sale of Interactive Metronome products.

Instructor Nonfinancial Disclosure(s): Amy uses Interactive Metronome in pediatric clinical practice at Easter Seals.

Course 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
- Major Differences in Delivery of IM for Moderately-Severely Impaired Individuals
- IM Treatment Components for the Moderately-Severely Impaired Individual
- Obtaining Baseline Assessment
- Clinical Observations
 - Movement & Positioning
 - Communication
 - Sensory & Behavior
- Developing the Treatment Plan
- Implementing the Treatment Plan
- Grading Treatment
 - Passive Rhythmical Activities
 - Higher Level Tasks
 - Switch Placement, Type & Size
- Assessment of Effectiveness
- Anticipated Treatment Outcomes with IM in Moderately-Severely Impaired Population
- Case studies

Instructional Methods:

LECTURE, PPT, CASE STUDY

Contact Hours/CEUs:

This course is not offered for contact hours/CEUs.