

# Introduction to IM Pediatric Best Practices

Discover the impact of the “out of sync” brain on childhood development, & learn creative strategies for successfully implementing IM in pediatric practice.



## Course Description:

This informative course will provide an introduction to best practices for the application of Interactive Metronome® (IM®) in pediatric practice. Participants will discover creative adaptations & strategies to facilitate maximum engagement, motivation, and outcomes for children ranging in age from infancy through adolescence. Current research will be touched upon as it relates to the effect of the “out of sync” brain on child development, including speech, language, literacy, cognitive, motor, and sensory processing abilities. Case studies will help illustrate concepts that are covered during this stimulating course. *\*Contact hours/CEUs 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.

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

## Instructional Level:

Introductory

## Learning Outcomes:

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

1. Discuss the importance of neural timing & synchronization for speech, language, literacy, cognitive, motor & sensory processing abilities;
2. Share the impact of the “out of sync” brain on child development;
3. Cite research that points to impaired temporal processing in common pediatric conditions;
4. Administer Interactive Metronome in an adaptive & creative pediatric-friendly manner to facilitate optimal engagement, motivation & outcomes.

*\*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:

1. Discuss the importance of neural timing & synchronization for speech, language, literacy, cognitive, motor & sensory processing abilities;
2. Share the impact of the “out of sync” brain on child development;
3. Cite research that points to impaired temporal processing in common pediatric conditions that impact communication, language and cognitive-linguistic abilities;
4. Administer Interactive Metronome in an adaptive & creative pediatric-friendly manner to facilitate optimal engagement, motivation & outcomes.

*\*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

**Mary Jones, OTR/L, LMT, CIMT** graduated from St. Loe's School of Occupational Therapy (UK) in 1986. Has been an Occupational Therapist for 20 (+) years and has been practicing in the USA since 1993. Additional training has included a BS in Healthcare and Social Welfare from Manchester University in 1992, Massage Therapy License in 1996, NDT certification in 1994. Mary has worked in a variety of healthcare settings in both the USA and the UK. These include home health in the inner-city (London), orthopedics, geriatric psychiatry, outpatient rehab, brain injury specialty (adult and

pediatric) and pediatric outpatient therapy. Clinical advanced training includes NDT advanced courses, infant massage certification, cranio-sacral therapy, myofascial release techniques, motor control and the development of motor learning, Therapeutic Listening Program, Integrated Listening Systems, Brain Gym, Pilates, Active Isolated Stretching Techniques, Visual-motor Training, Vestibular Training, Beckman Oral Motor Assessment and Intervention, Handwriting Without Tears, ADHD and Nutrition Interventions, Aromatherapy, Aquatic Therapy, Sensory Integration assessment and interventions, Autism assessment and interventions, Interactive Metronome Certification and Development of Best Practice Strategies with IM. Mary owns her own pediatric practice "Sensational Kids LLC", based out of Bradenton, FL. Mary has lectured extensively in her field at a local and national level.

**Disclosures:**

**Instructor Financial Disclosure(s):** Mary is an active member of Interactive Metronome's Clinical Advisory Board and is Interactive Metronome's Occupational Therapy Consultant for the American Occupational Therapy Association (AOTA), for which she receives an annual honorarium from Interactive Metronome, Inc. She is the author/co-author of numerous courses & publications that focus on the clinical application of Interactive Metronome technology, for which she has received honoraria from Interactive Metronome, Inc. Mary does not receive royalties or any other form of compensation for the continued publication and use of educational materials she has authored/coauthored. Mary is an instructor for Interactive Metronome. She receives a fee for teaching each course and reimbursement of travel expenses from Interactive Metronome, Inc. Mary does not sell or receive compensation for the sale of Interactive Metronome products.

**Instructor Nonfinancial Disclosure(s):** Mary periodically contributes blog posts to [www.interactivemetronome.com](http://www.interactivemetronome.com) that are clinical in nature. She does not receive compensation for this. Mary uses Interactive Metronome in clinical practice at Sensational Kids, LLC.

**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®. The purpose of this course is solely educational. Because there are no other like-kind products available, this course will only cover information that pertains to the effective and safe use of the above-named products and is not intended to promote the business or product in any way.

**Course Origination Date\*:** 6/16/2009; course was updated 12/2/2015

\*Course content is reviewed annually to make sure it remains current and relevant to the practice of Interactive Metronome.

**Agenda (60 minutes):**

- Speaker introduction & disclosure
- Purpose of IM Pediatric Best Practices
- Individualizing IM Training in Pediatric Practice
- Timing & Child Development
- Speech, Language & Literacy: Auditory-Motor Synchronization Influences Auditory Brainstem Response to Sound
- The "Out of Sync" Brain: Autism, ADHD, Dyslexia, and other Pediatric Conditions
- Timing & Rhythm: Impact on the Child
- Practice Considerations
- The Why, What & How of Using IM: Infancy through Adolescence
- Individualizing IM Settings for Optimal Results
- Rewards & Incentives: The Importance of Novelty!
- Environmental Modifications to Make IM Fun, Engaging & Comfortable
- Learning from our Professional Peers
- Case Illustrations
- IM System: What is the Best Fit for Your Client (Clinic/School, Home, or Combination)
- Online post-test & course evaluation

**INSTRUCTIONAL METHODS:**

- Lecture
- PowerPoint
- Video
- Case Study

**Contact Hours/CEUs:**

0.1 ASHA (1.0 contact hour)

0.1 AOTA; 1.25 NBCOT PDUs (1.0 contact hour)

PT/PTA & Other Disciplines Not Listed Above: If your discipline or state is not listed above, you may submit paperwork to your state board or association for CEUs if they allow you to do so. Please check with your state board/association prior to registering for this course.

This is not a co-sponsored or cooperative course offering. Interactive Metronome, Inc. is the organization responsible for creating the content & awarding ASHA & AOTA CEUs.



**Interactive Metronome** is approved by the Continuing Education Board of the American Speech-Language-Hearing Association (ASHA) to provide continuing education activities in speech-language pathology and audiology. **See course information for number of ASHA CEUs, instructional level and content area.** ASHA CE Provider approval does not imply endorsement of course content, specific products or clinical procedures.

This course is offered for 0.1 ASHA CEU (Introductory level, Professional area).

Effective July 1, 2011, individuals must meet at least one of the following conditions in order to be eligible to earn ASHA CEUs.

- ASHA Member (includes Life member and International affiliates)
- ASHA Certificate of Clinical Competence (CCC) Holder
- Licensed by a state or provincial regulatory agency to practice speech-language pathology (SLP) or audiology
- Credentialed by a state regulatory agency to practice SLP or audiology
- Credentialed by a national regulatory agency to practice SLP or audiology
- Currently enrolled in a masters or doctoral program in SLP or audiology



**APPROVED PROVIDER of 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 CEU (Classification Codes - Domain of OT-PERFORMANCE SKILLS; OT Process-INTERVENTION). The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA.