

# Is it Neurological Reorganization or Sensory Overload?

## Self-Study



### Course Description:

This course has been generated by the interest of IM providers concerned with improving their ability to distinguish the effects of the Interactive Metronome program on neurological reorganization. Particularly prominent in the pediatric population, many providers are reporting functional changes during IM that may be interpreted as an expression of the sensory system, or may be due to subtle changes in neurological reorganization. How to identify systems within the central nervous system versus core neurological changes can be quite the challenge, and often a cause for worry. Issues such as perceived functional regression and negative reactions may easily create cause for confusion and concern. This presentation will attempt to clarify key points. Upon completion of this course, providers will demonstrate greater flexibility to create IM programs with more precision & successful outcomes. Providers will learn to guide family members and care staff through the process. Course materials will include easy-to-reference lists and learning tools. Photographic and video examples will be presented to illustrate salient points and reinforce learning.

**\*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.

- Speech and Language Pathologist
- Speech and Language Pathology Asst
- Audiologist
- Occupational Therapist
- Certified Occupational Therapy Asst
- Physical Therapist
- Physical Therapy Asst
- Athletic Trainer
- Educator
- Psychologist
- Psychiatrist
- Neurologist
- Licensed Medical, Rehabilitation or Mental Health Professional
- Music Therapist

### Instructional Level:

Advanced

### Learning Outcomes:

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

- Describe the basic components of Sensory Integration and how these may influence client performance;
- Describe the basic components of neurological reorganization and how these may influence client performance;
- Identify common problems associated with sensory integration/neurological reorganization issues;
- Identify special considerations for IM use with clients presenting with neurological organization or sensory integration issues.

**\*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.**

Specific Learning Outcomes for SLPs and Audiologists:

- Describe the basic components of Sensory Integration and how these may influence client performance & communicative interactions;
- Describe the basic components of neurological reorganization and how these may influence client performance & communicative interactions;
- Identify common problems associated with sensory integration/neurological reorganization issues & their impact on communication, language, and cognitive-linguistic abilities;
- Identify special considerations for Interactive Metronome use with clients who present with neurological organization or sensory integration issues in order to maximize therapy 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. Loye'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.

**CEUs Offered for:**

0.1 ASHA (SLP/SLPAs)

0.1 AOTA (OT/COTAs)

\*PTs & PTAs may submit paperwork to your state board for 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 CEUs (Advanced level, Professional area).



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

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