

“The I’M-Getting-In-Sync Child”

Using the Interactive Metronome Intensive to Support Treatment Outcomes in Children with Sensory Processing Disorders



Course Description:

Children with sensory processing disorders (SPD) have difficulty understanding and integrating sensory information from their environment that can impact the child’s ability to participate in daily tasks and achieve “Joie de vivre” (joy of life). Children with SPD may seem disorganized, unaware, clumsy, over-reactive, and frankly “out-of-sync”. Research indicates that children with sensory processing delays have difficulty interpreting the stimuli from their sensory environment and using internal adaptive behavior to calculate and use the sensory information effectively. This presentation will focus on the SPD subtypes and how therapists can use utilize the Interactive Metronome (IM) as a therapy intensive to address self-regulation, sensory modulation, motor praxis that includes motor timing, coordination, and execution. The presenter will provide research on the current use of the Interactive Metronome as a multidisciplinary treatment intervention for SPD, and analyze the evidence to support clinical reasoning for use by speech, occupational and physical therapists. Intervention strategies will be discussed with video examples and creative ideas to expand the therapist IM “bag of tricks” and help children become organized and “In-Sync” with their sensory world so they can be successful in all they do, including communication, social interaction, and daily activities. **Contact hours/ASHA and AOTA 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
- Occupational Therapist
- Occupational Therapy Assistant
- Physical Therapist
- Physical Therapy Assistant

Instructional Level:

Introductory

Learning Outcomes:

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

- Identify 3 subtypes of Sensory Processing Disorder;
- Explain 2 strategies for incorporating timing and rhythm into treatment for Sensory Processing Disorder in order to promote self-regulation;
- Examine the research and report at least 1 study outcome that supports timing and rhythm interventions for the reduction of symptoms associated with Sensory Processing Disorder.

**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:

- Identify 3 subtypes of Sensory Processing Disorder in order to effectively deliver speech therapy services;
- Explain 2 strategies for incorporating timing and rhythm into interventions to promote self-regulation for the effective treatment of communication disorders in children who display Sensory Processing Disorder;
- Examine the research and report at least 1 study outcome that supports the use of timing and rhythm interventions for the reduction of symptoms associated with Sensory Processing Disorder that impact communication and social interaction.

**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:

Susan A. Zapf, Ph.D., OTR/L, BCP, ATP is an Occupational Therapist and Assistive Technology Professional with over 27 years of experience working with the pediatric population in both private practice and the school-based settings. She received her undergraduate degree in Recreation, Park, & Leisure Studies from the University of Minnesota and her Master of Occupational Therapy (MOT) and Master of Occupational Therapy/Rehabilitation Technology degrees (MA) from Texas Woman's University. In April 2012 she graduated from Rocky Mountain University of Health Professions with a Doctor of Philosophy (Ph.D.) in Pediatric Science. Dr. Zapf's research emphasis is on Assistive Technology assessment and outcome effectiveness. She is Board Certified in Pediatrics through AOTA, certified in the Sensory Integration Praxis Test, and certified through RESNA as an Assistive Technology (AT) Professional. She is the primary author of the MATCH-ACES Assistive Technology Assessment and The Service Animal Adaptive Intervention Assessment. Dr. Zapf has presented throughout the United States and internationally on assistive technology assessment and implementation. She has also presented on sensory strategies in occupational therapy, and animal assisted therapy.

Dr. Zapf is an entrepreneur and is the Owner and Clinical of The Children's Therapy Center, Inc., a prominent pediatric sensory integration clinic in Houston, Texas. Dr. Zapf is also the Owner and President of Children's Journey to Shine, Inc, an educational training company that educates healthcare professionals on assistive technology assessment and service delivery and provides therapy services that utilizes animals and nature as tools in therapy. Dr. Zapf is the President of Reining Potential of Texas, a non-profit organization that uses the horse in occupational therapy services. Dr. Zapf is adjunct faculty for the Ph.D. Pediatric Science track at Rocky Mountain University of Health Professions in Provo, Utah and teaches a course on assistive technology. As an occupational therapist, she is passionate about helping children and their families develop skills to reach their full potential and she believes that occupational therapy, assistive technology, and animals can be powerful interventions to assist in this process.

Disclosures:

Instructor Financial Disclosure(s): Dr. Zapf received an honorarium from Interactive Metronome, Inc. for the development and presentation of this educational offering. She does not receive royalties or any other form of compensation for the continued publication and use of educational materials she has authored/coauthored for Interactive Metronome, Inc. Dr. Zapf does not sell or receive compensation for the sale of Interactive Metronome products.

Instructor Nonfinancial Disclosure(s): Dr. Zapf is owner of The Children's Therapy Center, Inc where she uses the Interactive Metronome in clinical practice.

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*: 11/16/2022

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

Agenda (60 min):

Introduction	Discuss Sensory Processing Subtypes of sensory processing	10 Min.
Evidence	Discuss current research on IM and outcomes for children with SPD, discuss the research on predictive sensing in the role of motor planning and sensory processing	7 Min.
Sensory Regulation	Strategies and use of IM to impact Sensory Regulation – discuss case examples with video	10 min.
Motor Praxis	Strategies and use of IM to impact motor praxis: ideation, timing, and execution. Provide video case examples	15 min.

Incorporating Sensory equipment into IM session	Strategies and use how to expand the use of IM using sensory equipment to target sensory goals.	13 min.
Q & A	Questions and Answers	5 min.

Instructional Methods:

- Lecture
- PowerPoint
- Case Examples (Video)

Contact Hours/ASHA and AOTA 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.



ASHA CE
APPROVED PROVIDER

Interactive Metronome

Introductory Level

0.1 ASHA CEUs

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

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



Interactive Metronome is an AOTA Approved Provider of professional development. This distance learning course is offered at 0.1 CEU, introductory, OT Service Delivery (approval #0000005208). The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA.