

# Making IM Simple: Why and How We Assess Timing & Rhythm



## Course Description:

The purpose of this course is to advance your clinical knowledge & implementation of the Interactive Metronome (IM) within the healthcare setting. You will learn why the assessment of timing & rhythm (i.e., neural timing & synchronization) is important and how impairment in this fundamental ability impacts cognitive, communicative, social/behavioral, and motor function & therapy outcomes.

We will cover various modifications to the IM assessment based upon your patient's clinical presentation, and you will learn to interpret baseline IM timing assessment data in conjunction with other standardized tests & clinical observations in order to plan and implement individualized IM training for optimal & accelerated treatment outcomes. *This course is not offered for contact hours/CEUs.*

## 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
- Certified Athletic Trainer
- Licensed Medical, Rehabilitation or Mental Health Professional

## Instructional Level:

Intermediate

## Learning Outcomes:

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

- Select appropriate patients for evaluation of neural timing & synchronization, which is fundamental for cognitive, communicative, social/behavioral, and motor function;
- Follow appropriate steps to conduct baseline assessment of neural timing & synchronization, including acceptable modifications based upon individual patient presentation;
- Interpret baseline data and recognize the relationship between neural timing and impairment in function.

*\*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:

- Select appropriate patients for baseline data collection within Speech-Language Pathology practice in order to evaluate neural timing & synchronization, which is fundamental for cognitive, communicative, & social/behavioral functioning;
- Follow appropriate steps to conduct baseline assessment of neural timing & synchronization, including acceptable modifications based upon individual patient presentation;
- Interpret baseline data and recognize the relationship between neural timing and impairment in cognitive, communicative, & social/behavioral functioning.

*\*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:

**Dara Coburn, MS, CCC-SLP** received her undergraduate and masters degree from the University of Central Arkansas and holds the Certificate of Clinical Competence issued by the American Speech-Language-Hearing Association. Dara served as the National Program Champion for Interactive Metronome within the HealthSouth Corporation. She currently serves as Interactive Metronome's Clinical Support contact person for Life Care Centers of America. Dara has been teaching IM Certification Courses since 2007 and has contributed to the development of the Adult Best Practice Certification Course and Fall Prevention Protocol. With expertise and experience in the field of neurological disorders, Dara has been able to accept this new treatment tool and successfully integrate it into her practice by modifying it to individually meet her patient's needs

**Disclosures:**

**Instructor Financial Disclosure(s):** Dara is an active member of Interactive Metronome's Clinical Advisory Board, for which she receives an annual honorarium from Interactive Metronome, Inc. She is the author/co-author of educational offerings 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/coauthored. Dara is also an instructor for Interactive Metronome, for which she receives a fee for teaching each course and reimbursement of travel expenses from Interactive Metronome, Inc. Dara provides clinical consultation to IM providers and receives a consulting fee from Interactive Metronome for these extended educational services from Interactive Metronome, Inc. She currently serves as Interactive Metronome's Clinical Support contact person for Life Care Centers of America and is compensated for this by Interactive Metronome, Inc. Dara does not sell or receive compensation for the sale of Interactive Metronome products.

**Instructor Nonfinancial Disclosure(s):** Dara does not have any relevant nonfinancial relationships to disclose.

**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®. 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.

**Course Origination Date\*:** 2/9/2015

\*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
- Assessment of timing & rhythm and neurological correlates
- Neural timing & synchronization: The foundation for so many of our abilities
- How to set up and modify IM assessments
- Interpreting IM assessment timing data & relating it to function and treatment planning
- Q & A
- Online post-test & course evaluation

**Instructional Methods:**

LECTURE, PPT

**Contact Hours/CEUs:**

This course is not offered for contact hours/CEUs.