



Determining When & How to Introduce Feedback for Timing

Successfully transitioning your patient from Phase I (Learn the Reference Tone) to Phase Two (Learn the Guide Sounds) to facilitate neural timing & synchronization

Course Description:

The purpose of this course is to advance your clinical knowledge & implementation of the Interactive Metronome (IM) within the healthcare setting. This course will focus in more depth on feedback for timing & rhythm. When is it appropriate to introduce feedback for timing? What manner of feedback is best suited to your patient? How do you determine whether auditory, visual, or combined auditory-visual feedback will be most effective? In addition to high number of repetitions over the course of IM training, feedback for timing is crucial for improving neural timing, synchronization and functional outcomes. Individualizing your approach for patient-specific needs will be discussed.

**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
- Audiologist
- Occupational Therapist
- Occupational Therapy Assistant
- Physical Therapist
- Physical Therapy Assistant
- Athletic Trainer
- Licensed Medical, Rehabilitation or Mental Health Professional
- Music Therapist

Instructional Level:

Intermediate

Learning Outcomes:

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

- Assess patient readiness for IM feedback (to improve neural timing & synchronization);
- Select the most appropriate manner and intensity of feedback, taking into consideration individual differences in cognitive & motor abilities;
- Appropriately adjust Difficulty, SRO, and Burst Threshold to facilitate improved neural timing & synchronization while making the training experience a positive & rewarding one for the patient.

**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:

- Assess patient readiness for IM feedback (to improve neural timing & synchronization for cognitive & communicative abilities);
- Select the most appropriate manner and intensity of feedback, taking into consideration individual differences in cognitive & motor abilities;
- Appropriately adjust Difficulty, SRO, and Burst Threshold to facilitate improved neural timing & synchronization while making the training experience a positive & rewarding one for the patient.

**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*: 4/6/2015

*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
- Patient readiness for feedback
- Auditory feedback
- Visual feedback
- Intensity of feedback & IM settings to facilitate progress
- Facilitating appropriate motor planning and sequencing for optimal outcomes
- Q & A
- Online post-test & course evaluation

Instructional Methods:

LECTURE, PPT

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.



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 (Intermediate 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



Interactive Metronome, Inc is an AOTA Approved Provider (#4683). This intermediate course is offered for 1 contact hour/0.1 AOTA CEU (Classification Codes - Domain of OT-ACTIVITY DEMANDS, OT Process-INTERVENTION). The assignment of AOTA CEUs does not imply endorsement of specific course content, products, or clinical procedures by AOTA.