

Advancing Pediatric Cognitive & Motor Performance with IM[®] & FITLIGHT[™]



Course Description:

Participants who attend this informative webinar will learn more about the clinical rationale for incorporating Interactive Metronome[®] and FITLIGHT[™] technologies into pediatric practice as well as strategies for practical application. Innovative multisensory therapy activities that promote cognitive and motor performance will be illustrated via video demonstrations. Research evidence will be provided to support the use of moderate-to-low intensity physical activity for improving cognitive function. ***Contact hours 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
- Certified Occupational Therapy Assistant
- Physical Therapist
- Physical Therapy Assistant
- Athletic Trainer
- Licensed Medical, Rehabilitation or Mental Health Professional
- Psychologists

Instructional Level:

Introductory

Learning Outcomes:

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

- Explain the clinical rationale & discuss the research evidence for incorporating multisensory therapeutic activities into pediatric clinical practice to enhance cognitive & motor performance;
- Implement innovative therapy approaches with Interactive Metronome[®] and FITLIGHT[™] to advance cognitive & motor performance in pediatric clients with a variety of conditions;
- Describe a general conceptual model for structuring pediatric interventions in order to improve executive functioning and behavioral/ emotional self-regulation.

***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 Speech-Language Pathologists:

- Explain the clinical rationale & discuss the research evidence for incorporating multisensory therapeutic activities into pediatric clinical practice to enhance cognitive & motor performance;
- Implement innovative therapy approaches with IM[®] and FITLIGHT[™] to advance cognitive & motor performance in pediatric clients with cognitive-communicative disorders;
- Describe a general conceptual model for structuring pediatric interventions in order to improve executive functioning and behavioral/ emotional self-regulation.

***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:

Alexander Lopez, JD, OT/L, FAOTA

Alexander Lopez is an Assistant Professor of Occupational Therapy at Touro College. Alexander received his Bachelor of Science degree in Occupational Therapy from Kean University in 1997 and a Juris Doctor from New England Law in 2004. As a licensed occupational therapy practitioner and attorney, he further developed his skills as a community organizer and advocate. Alexander has been instrumental in bringing non-traditional services to governmental and private community-based organizations. In 2007, Alexander founded PAR FORE, a golf mentoring program that utilizes the occupation of golf as a medium for developing valuable life skills. Since its inception, PAR FORE has grown from serving 10 adolescents to adolescents in at-risk communities in New York to serving children in Utah, New Jersey, and Nevada. Each of the programs is managed by esteemed faculty from Kean University, University of Utah, and Touro University. In 2013, Alexander founded Inclusive Sports and Fitness, Inc. (ISF), a sports training facility designed to help children with disabilities transition into mainstream sports. ISF utilizes best evidence approaches in occupational therapy and neuroscience to advance socio-emotional, cognitive, and motor performance. Alexander collaborates with researchers and engineers to introduce innovative and more reliable interventions for children.

Disclosures:

Instructor Financial Disclosure(s): Alexander is the author of educational & course materials that focus on the clinical application of FITLIGHT™ & Interactive Metronome® technologies, for which he has received honoraria. He does not receive royalties or any other form of compensation for the continued publication and use of educational materials he has authored. Alexander does not sell or receive compensation for the sale of FITLIGHT™ or Interactive Metronome® products.

Instructor Nonfinancial Disclosure(s): Alexander is the founder of Executive Director of Inclusive Sports and Fitness, Inc., a non-profit, where Interactive Metronome & FITLIGHT are both used 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®. Interactive Metronome, Inc. is the exclusive North American distributor of FITLIGHT™ for use in rehabilitation (U.S. Patent #WO 2013071408 A1). 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.

Agenda (60 minutes):

- Speaker introduction & disclosure
- Clinical rationale & current research
- Structuring pediatric interventions to improve executive functions and self-regulation
- Innovative therapeutic strategies to improve cognitive & motor performance with IM & FITLIGHT
- Online post-test & course evaluation

Instructional Methods:

LECTURE, PPT, VIDEOS

CEUs Offered for:

0.1 ASHA (SLP)

0.1 AOTA / 1.25 NBCOT PDU's (OT/COTA)

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, Inc is an AOTA Approved Provider (#4683). This introductory course is offered for 1 contact hour/ 0.1 AOTA CEU (Classification Codes - Domain of OT-ACTIVITY DEMANDS, 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.