

# Combining Speech and Motor Milestones During IM



## Course Description:

The purpose of this course is to teach IM providers to incorporate gross and fine motor movements into IM training sessions to facilitate vocabulary development. Developmental milestones, neuroplasticity, and cognitive development will be discussed within the context of learning to address a wide variety of diagnoses. Activities will be demonstrated and can be modified to meet an individual child's needs. *This course is not offered for contact hours/CEUs.*

## Target Audience:

- 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
- Educator

## Learning Outcomes:

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

- Participant will identify speech and motor developmental milestones which co-occur to assist with the development of IM activities to maximize functional improvement in developmental skills;
- Participant will implement a wide variety of gross and fine motor activities during IM training with the goal of facilitating cognitive, communicative and motor skills.

*\*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:

- Participant will identify speech, language and motor developmental milestones which co-occur to assist with the development of IM activities to facilitate speech and language development;
- Participant will implement a wide variety of gross and fine motor activities during IM training with the goal of facilitating speech and language.

*\*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:

**Nichole Reardon, MS, CCC-SLP** has been a speech language pathologist for nine years. She is currently a pediatric therapist at Wiggles and Giggles Therapy for Kids which is affiliated with Columbus Community Hospital in Columbus, NE. She received her BS in Psychology in 1999 and her Masters in Communication Disorders in 2002. Nichole has worked in acute care, home health, and pediatric outpatient.

## Disclosures:

**Instructor Financial Disclosure(s):** Nichole is the author of this course which focuses on focus on the clinical application of Interactive Metronome technology, for which she has received an honorarium 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.

**Instructor Nonfinancial Disclosure(s):** Nichole works for Wiggles and Giggles Therapy for Kids in Nebraska, where Interactive Metronome is used in clinical practice.

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**Agenda:**

- Speaker introduction & disclosure
- Diagnoses and Characteristics
- Developmental Development
- Cognitive Development
- Neural Plasticity
- Word Selection
- Modifications
- Importance of incorporating as many systems as possible
- Reduplicated babbling and co-occurring fine and motor milestones incorporated into IM sessions
- Variegated babbling and co-occurring fine and motor milestones incorporated into IM sessions
- First Words and co-occurring fine and motor milestones incorporated into IM sessions
- Phrases and co-occurring fine and motor milestones incorporated into IM sessions
- Case Studies

**Instructional Methods:**

LECTURE, PPT, PHOTOS, VIDEOS

**Contact Hours/CEUs:**

This course is not offered for contact hours/CEUs.