



Pediatric Therapy Services

# Interactive Metronome Information Sheet

## What is Interactive Metronome?

What types of child can benefit:

ADHD

Brain Injury

Cerebral Palsy

Stuttering

Stroke

Non-verbal Learning Disorder

Apraxia/Dyspraxia

Autism Spectrum Disorders (Asperger's, PDD)

Brain Tumor (following surgery or chemotherapy)

Dyslexia and Other Reading Disorders

Language-Learning Disabled

Sensory Processing Disorder

-Computer based program which uses a combination of visual cues and auditory cues which then requests that the client respond with a memory and motor coordinated component.

-Interactive Metronome engages the client and provides feedback every millisecond to promote synchronized timing in the brain.

-Exercise are structured in an increasing hierarchy of complexity and précised timed motor movements are intertwined with gradually more demanding and faster cognitive processing, attention and decision-making tasks.

## How Can Interactive Metronome help my child?

1. **Used in occupational therapy it can improve:** attention, balance, bilateral coordination, fine and gross motor skills, Motor Planning & Sequencing, Sequencing for ADLs & IADLs, Ocular motor control, Self-Monitoring & Self-Control, reciprocal social engagement, eye-contact, self-regulation, focus/concentration, handwriting and academic achievement.
2. **Used in Physical Therapy it can improve:** Bilateral Coordination, Balance, Endurance, Gait Symmetry, Motor Planning & Sequencing and Step-Length (Walking Speed).
3. **Used in speech therapy it can improve:** Attention/Concentration, Executive Functions, Working Memory, Cognitive Speed, Speech and Language Skills, Self-Monitoring & Self-Control, Motor Planning & Sequencing.

**For evaluation or for a free consultation please call us!**

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