



The Child Development Center of Colorado Springs, Inc. Newsletter

Spring 2008 Volume I, Issue 4

At the Child Development Center we are dedicated to providing high quality and effective treatment for children with motor planning, sequencing problems, ADHD, and learning problems. We have an innovative program, The Interactive Metronome, which strengthens motor skills, including mobility and gross motor function, and fundamental cognitive capacity such as planning, organizing, and language.

The Interactive Metronome

The Interactive Metronome (IM) is a cognitive training program that utilizes highly adaptive technology to help individuals improve underlying motor planning and sequencing ability. More than a decade of IM research demonstrates that gains in these areas lead to improvements in a wide range of cognitive, behavioral, and physical processes.

How does it work? The IM program provides a structured, goal oriented training process that challenges the patient to precisely match a computer generated beep. Participants are instructed to synchronize various hand and foot exercises to a reference tone heard through headphones. The patient attempts to match the rhythmic beat with repetitive motor actions such as tapping toes on a floor sensor mat or hand clapping while wearing an IM glove with a palm trigger.

A patented audio and visual guidance system provides immediate feedback. The difference between the patient's performance and the computer generated beat is measured in milliseconds. The score provided indicates time accuracy.

Benefits: Motor planning and sequencing problems have been linked to a variety of developmental, behavioral, and learning challenges. More than a decade of clinical research on IM demonstrates gains in motor planning and sequencing lead to improvements in: attention and concentration, language processing, behavior/aggression/impulsivity, motor control, coordination, and academic performance.

Who can benefit?

- Individuals with motor planning and sequencing problems, speech and language delays, motor and sensory disorders, learning deficits, and various cognitive and physical difficulties may benefit from the IM program.
- Adult and pediatric patients who have benefitted from IM include those with:
 - Sensory Integration Disorder
 - Asperger's Syndrome
 - Autism Spectrum Disorder
 - ADD/ADHD
 - Cerebral Palsy
 - Learning Disabilities
 - Motor Incoordination
 - Brain Injury

If you have questions regarding the use of Interactive Metronome™, please contact Tami Lamphere, OTR at the Child Development Center at (719) 574-8300.

Information courtesy of Interactive Metronome™.

UPCOMING SUMMER THERAPEUTIC PROGRAMS!

Interactive Metronome (IM)™
Sensory Integration Therapy
Sensory Processing
Therapeutic Listening™
Treatment Intensives

(In the areas of Physical, Occupational, and Speech Therapies)

Experience Counts!

Celebrating 20 Years of Changing Lives Through Innovative Quality Care.

3090 N. Academy Blvd., Colorado Springs, CO 80917
(719) 574-8300 Fax (719) 574-9547

We're on the Web!

See us at:

www.cdcpedsrehab.com

Hours:

Monday
8 am – 6:00 pm.

Tuesday – Friday
8 am – 6:30 pm



**Child Development Center
of
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Specialized Sensory Integrative Treatment Offered:

Interactive Metronome (IM) -

IM is a brain-based assessment and training program developed to directly improve the processing abilities that affect attention, motor planning, and sequencing.

Brain Integration – Brain

Integration Therapy includes exercises and repatterning methods to promote coordinated use of all the senses.

Therapeutic Listening Program –

TLP is an auditory modality that uses electronically altered sounds to impact the nervous system.

Wilbarger Deep Pressure

Technique – The Wilbarger Technique is a protocol that incorporates use of a soft surgical brush and joint compressions completed as part of an intensive home program. The purpose of this technique is to improve the child's overall ability to respond appropriately to the various sensory events in his/her life.

INSURANCE

Do you have questions about your patient's insurance coverage? Call us! Our friendly and knowledgeable and knowledgeable billing staff will be happy to help you

You can also send an E-mail with your question to:

info@cdcpedsrehab.com

The Child Development Center is a provider for most major insurance companies. **CDC is now a provider for ALL Aetna plans.**

What is the Diagnostic & Evaluation (D&E) Clinic?

Diagnostic & Evaluation (D&E)

Clinics were started over 20 years ago. The purpose of the clinics is to provide diagnostic medical evaluation for children suspected of having developmental delays or disabilities around the state of Colorado. Medicaid eligibility required. D&E Clinics are scheduled weekly. Please contact Sarah Bollinger with any questions.

Rehabilitation Clinic

Dr. Dennis Matthews is a pediatric physiatrist from Denver Children's Hospital. He attends the Center's Rehabilitation Clinic on a quarterly basis to assist therapists and families with development of children's rehabilitation plans and equipment needs. Patients do not have to be clients of CDC to take advantage of Dr. Matthews' expertise.

**Dr. Matthews'
Rehabilitation Clinics:**

May 13, 2008

August 26, 2008

November 25, 2008

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