



NEWS RELEASE

DATE: September 11, 2009
CONTACT: Phyllis Rothman
Director of Marketing
PHONE: 856-346-0005 x121
CELL: 856-904-5166
EMAIL: prothman@thecnnh.org

First FDA-Cleared Test for Rapid and Objective Assessment of ADHD Symptoms is Now Available

*The Center for Neurological and Neurodevelopmental Health (CNNH)
First in Region to Offer New Diagnostic Tool*

Voorhees, NJ – With kids back in school, parents naturally want them to do their best. But for children with attention deficit hyperactivity disorder (ADHD), that can be a big challenge. Now, a new tool called the “Quotient™ ADHD System” provides objective information assisting clinicians in making a more rapid and definitive diagnosis of the disorder. This can lead to earlier intervention and more effective treatment.

The Quotient™ ADHD System is the first FDA-cleared test for objectively and accurately measuring an individual’s ability to sustain attention, suppress impulsive responses, and maintain normal levels of motor activity. Thus, the test objectively and quantitatively assesses the three core symptoms of ADHD – inattentiveness, impulsiveness and hyperactivity – providing crucial information and aiding clinicians in making the diagnosis of ADHD. The Quotient™ ADHD System is offered as part of the standard ADHD assessment at The Center for Neurological and Neurodevelopmental Health (CNNH), the only medical facility in the region to offer it.

“The traditional method of diagnosing ADHD relies on the completion of subjective questionnaires from patients, parents and teachers,” says Mark Mintz, M.D., pediatric neurologist and President/CEO of CNNH and the Clinical Research Center of New Jersey. “The challenge we often face is that the information provided is often unreliable – symptoms may be perceived or reported differently by each individual. With the Quotient™ ADHD System, we can now combine objective test data with the clinical interview for a more accurate diagnosis.”

“An added benefit of the Quotient™ ADHD System is that it allows clinicians to have a baseline result so that children can be re-evaluated at later points in time,” says Dr. Mintz. “This data can help guide an individual’s treatment, ensuring more successful outcomes.”

- more -

The Quotient™ ADHD System is a computerized tool that takes only 15 to 20-minutes to complete. It utilizes two high-resolution infrared motion analysis systems to track head movements in children (and head plus lower extremity movement in adolescents) while they perform a monotonous but demanding novel performance task on the computer screen. Measurements are taken 50 times per second. The technology that underlies the Quotient™ ADHD System has consistently demonstrated the ability to accurately measure the degree to which a person is able to inhibit motor activity, attend to a visual motor task and respond to the task appropriately without excessive impulsivity.

ADHD affects at least 4.4 million children ages four to 18 in the United States, according to the U.S. Centers for Disease Control and Prevention. Children with ADHD are at significantly higher risk for injuries, perform less well in school, and can suffer from developmental and social issues. If left unaddressed, the negative impact of ADHD can continue on into adulthood, leading to underachievement at work, a higher incidence of substance abuse and anti-social behavior.

“It is critical to a child’s development and achievement that ADHD be recognized early and managed effectively,” says Dr. Mintz. “That’s why an objective, office-based assessment tool like the Quotient™ ADHD System is so valuable. It brings real benefit to children with ADHD by helping to illuminate their symptoms and get them the treatment they need.”

#

The Center for Neurological and Neurodevelopmental Health (CNNH) offers a unique multidisciplinary model of care for infants to young adults with neurological, neuropsychological, neurodevelopmental and neurobehavioral disorders including ADHD. CNNH brings together national and local experts to provide accurate and definitive diagnosis and comprehensive treatment using the most advanced tools and technology such as the Quotient™ ADHD System. For more information, please call Phyllis Rothman at 856.346.0005 x 121 or visit www.thecnnh.org.