The first and only FDA-cleared* test that objectively and accurately measures the core symptom domains of ADHD.

What is the Quotient™ ADHD System?

A revolutionary approach to measuring ADHD.

- 15- to 20-minute test that challenges the patient to inhibit motor activity and control impulsivity, while maintaining focus on changing visual stimuli.
- Unique motion tracking system monitors movement in small and clinically measurable ways.
- Translates the 3 core symptom areas of ADHD into quantifiable measures.
- Provides an easy to read patient report in real time – right in your office.

Measuring the neurological deficits of ADHD.

Every time you need an objective measure of your patient’s ADHD status, use the Quotient™ ADHD System.

- Every patient’s Quotient™ ADHD System report presents a personalized and objective measure of the 3 core symptom areas:
  - Inattention
  - Hyperactivity
  - Impulsivity
- The Quotient™ ADHD System allows you to accurately measure and quantify those deficits that lead to clinical symptoms.

How is the Quotient™ ADHD System different?

Powered by the Behavior Pathology™ Database.

- Test responses are analyzed and compared to a reference database of more than 2,000 children and adolescents.
- Proven to be highly sensitive and specific to ADHD.
  - 88.9% accurate in recognizing ADHD.¹
  - Test-Retest reliability is greater than 90%.
- Helps compensate for the subjectivity and inaccuracy of third-party reporting.
- Provides a quantitative and objective evaluation of the pattern deficits consistent with ADHD.
- Is the only ADHD diagnostic test to quantitatively measure movement.

*FDA clearance of this product does not in any way denote official approval of this device.

Easy to administer. Easy to interpret.

- Uses simple illustrations to clearly reveal the patient’s performance.
- Provides summary text to explain what is being measured.

MEASURING MOTION IS KEY

Example of a movement comparison of a non-ADHD child to an ADHD child using the Quotient™ ADHD System report.

MOTION RESULTS

Motion captured by the corresponding reflector location and represented pictorially in image boxes. Each box represents a 5-minute segment. Motion analysis is based on the measure of microevents. A microevent is every consecutive movement equal to or greater than 1 mm detected by the infrared Motion Tracking System.

INDIVIDUAL RESPONSE PATTERN

Patient’s response to targets and non-targets. Attentiveness is measured through the accuracy and consistency of response to targets (8-pointed stars) and non-targets (5-pointed stars), which appear at random screen positions for 200 milliseconds. Green symbols indicate correct responses, red symbols indicate incorrect responses. “+” symbol denotes eight-pointed stars (targets); “x” symbol denotes five-pointed stars (non-targets).

ATTENTION STATES

During the course of a test, a patient exhibits different states of responding to both targets and non-targets. The quality of this engagement in the task is measured in 30-second intervals. By objectively measuring this engagement every 30 seconds, a dynamic picture of attention states and shifts in attention states emerges. Level of engagement is pictorially represented in colored blocks, green for attentive or on-task, yellow for impulsive, red for distracted, and blue for sub-optimal engagement. With a quick glance it is easy to determine whether there were many shifts in attention states or whether the patient remained attentive throughout the test.