

# QbTest



An unbiased view of the three ADHD core symptoms

6-60 years

## How is a QbTest performed?

The test is performed in front of a computer screen and is independent of your language, reading or mathematic skills. The test equipment consists of an infrared camera, a headband with a reflective marker attached to it and a responder button. The task depends on your age.



## QbTest – 6-12 years

The test takes 15 minutes and requires you to push the responder button when a grey circle appears on the screen.



Press when the circle appears, do not press when the crossed over circle appears

## QbTest – 12-60 years

The test takes 20 minutes and requires you to push the responder button when a symbol of both the same shape and colour is repeated on the screen.



Press at stimuli number 2, 3 and 4 in this example.

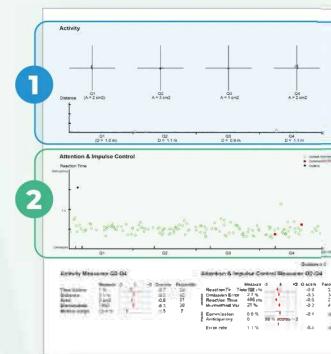
## What do the results look like?

The two QbTest reports below show the results from one person without ADHD and one person with suspected ADHD. Both are 18 years old

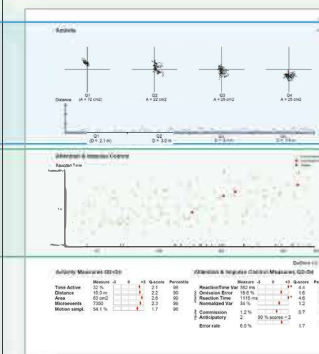
The two graphs at the upper part of the reports show **activity level 1** and the third graph shows **attention and impulsivity 2**.

The green circles represent correct presses and the red squares represent incorrect presses.

The vertical position of the symbols show the reaction time. At the bottom of the report all test results are summarised.



Report showing results of a patient **not supportive** of ADHD



Report showing results of a patient **supportive** of an ADHD positive result

## 18-year-old person with ADHD

An 18 year old person assessed for suspected ADHD performed the test below. Compared to the person without ADHD, their activity level increased and their reaction time varied significantly during the test. The outcome of

the QbTest report together with observations and other clinical assessment tools can help confirm an ADHD diagnosis.

**Please note:** QbTest is not designed to be a stand-alone tool for the diagnosis of ADHD. It should be interpreted alongside other clinical information, such as rating scales and a clinical interview.

**Attention deficit hyperactivity disorder (ADHD) is a common neurodevelopmental condition affecting 3-7% of all school aged children. About 40-60% of these children continue to have symptoms into adulthood.**

ADHD can be described as a persistent pattern of inattention and/or hyperactivity and impulsivity that gets in the way of daily life or typical development.

With accurate clinical diagnosis and treatment, many of the difficulties associated with ADHD can be significantly reduced or positively impacted.

## **What is QbTest?**

QbTest is an FDA Cleared and a CE marked computer based test that measures the core symptoms associated with ADHD including hyperactivity, impulsivity and inattention. The test results are presented in a report that compares your results with a non-ADHD group of people of the same age and gender.

QbTest provides objective data that together with other information will help your clinician to identify, rule out and monitor ADHD.

QbTest can also provide valuable information when customising treatment intervention based on your individual performance.

## **Frequently asked questions**

### **Will I be recorded during the test?**

No, the camera only collects information about how and where the marker has moved, and does not collect any images.

### **Is the test affected by my language skills?**

No, the test is not dependent on your knowledge of English. Nor will your reading or mathematical skills affect the test.

### **Will the test be affected by colour blindness?**

No, the symbols are designed so that most forms of colour blindness do not affect the testing.

### **Would a lot of computer gaming experience affect the test result?**

No, there is no link between video game experience and test result. The test itself doesn't require computer knowledge and should be seen as a task, not a video game.

### **Is QbTest certified?**

Yes, the QbTest is well documented, CE marked, registered with the EMA and MHRA and cleared by the FDA.

For more information, please contact your health care professional or visit our website **qbtech.com**



## **Qbtech Limited**

Gable House  
18-24 Turnham Green Terrace  
Chiswick  
W4 1QP  
UK

Ext. +44 (0)20 8996 5148