

QbCheck - Interpretation Guide

QbCheck should only be interpreted by a qualified professional who has received adequate training from Qbtech. The test-results shall always be interpreted in combination with other clinically relevant information, such as a clinical interview and/or standard symptom scales.

Assessment of ADHD

When interpreting a QbCheck during the assessment of ADHD, please, start by reviewing how the different outcome measures may vary over the duration of the test. This is visualised in the Activity Graph and the Attention and Impulse Control Graph. Thereafter, combine this information with an analysis of the ADHD Total Symptom Score, ADHD Total Symptom Level and the individual Q-Scores for the Objective Measures.

The ADHD Total Symptom Score indicates the likelihood for someone to present with a symptom level that resembles a group of individuals clinically diagnosed with ADHD. The ADHD Total Symptom Score ranges from 0 to 100, where higher scores indicate higher symptom levels.

The ADHD Total Symptom Level is a graphic representation of how the ADHD Total Symptom Score relates to the approximate prevalence of ADHD symptoms in the general population.

The Q-score allows for a comparison with the age and gender (biological sex) adjusted norm group. One Q-score is equivalent to one standard deviation and a result within the interval of -1 to +1 Q-score is considered to be a normal performance.

Q-score cut offs

Q-score	Interpretation
1.5 or higher	Atypical
1.1 to 1.4	Slightly atypical
-1.0 to 1.0	Normal performance
-1.4 to -1.1	Better than normal performance
-1.5 or lower	Extreme performance

Evaluation of treatment effects

When evaluating the effect of a treatment initiative, please ensure that the QbCheck is performed at a time of day when the medication exerts its effect and to always compare the outcomes to a drug-naïve test for the same person.

Treatment effect on the ADHD Total Symptom Score is reflected by a change in likelihood and associated values, where a decrease in values reflects a reduction in ADHD symptoms.

Treatment effect on one or more Objective Measures is considered clinically significant at a Q-score reduction of ≥ 0.5 , where 0.5 is a half standard deviation of the mean.

*This is a quick interpretation guide only, for full training please access QbTraining via your QbCheck account or contact Qbtech via info@qbtech.com