

Cognitive Assessment Testing

The Cambridge Brain Sciences (CBS) tests were developed in the laboratory of Dr. Adrian Owen, Canada Excellence Research Chair in Cognitive Neuroscience and Imaging (owenlab.org), over the course of his 25-year career. The tests assess aspects of cognition including reasoning, memory, attention and verbal ability. Over 300 scientific studies have been run to date using the CBS tests, yielding numerous publications in leading academic journals.

The tests have been validated in studies of patients, brain imaging studies of healthy volunteers and in several large-scale public studies involving tens of thousands of volunteers. They have proven to be efficient and sensitive measures of baseline cognitive capacity. For example, in one study, the results of the 30-minute Cambridge Brain Sciences battery were comparable to those of a standard 2-3 hour (paper and pencil) neuropsychological battery (WAIS-R) (Levine et al., 2013). In another recent study of mental capacity in the elderly, the CBS test battery outperformed a standard test of cognitive abilities (the MoCA) (Brenkel et al., 2017). Finally, performance on the CBS battery is highly predictive of reasoning and problem-solving abilities, as indexed by “classic” tests such as Raven’s Matrices and the Cattell Culture Fair test (Hampshire et al., 2012).

CBS maintains a global normative database of more than 75,000 participants (built of of a larger database of 7 million+ completed tests) that allows for detailed comparisons of individuals to specific populations. Importantly, all of the tests, which users report to be fun and engaging, are administered online and require no expert technical support to administer. Test results are stored securely in the cloud and can be easily downloaded for offline analyses.

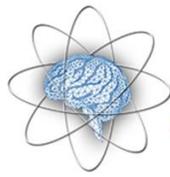
Objectively Measure Your Cognitive Function

- Whether you’re recovering from a neurological condition, or seeking optimal brain health and wellness, it all starts with an engaging and scientifically-validated cognitive assessment.
- Gain a comprehensive understanding of your brain health, which will be used by healthcare professionals to individualize treatment or wellness plans according to your needs
- Re-assess your cognition throughout treatment to objectively measure improvements, giving you confidence that interventions are having the desired affects
- Continue monitoring post-treatment to ensure you’re maintaining a level of cognitive function that enables you to live your best life

How Does it Work?

Can you spot the “Odd One Out”? This task measures your deductive reasoning ability. Common, everyday situations that require deductive reasoning include:

- Following a set of rules during tax-time and determining you qualify for a rebate



TBI Therapy
Regenerative Therapy for Brain Injury

- Coming to conclusions about what's safe for you to eat given a set of dietary restrictions
- Choosing the best hotel to stay at according to the criteria that matter to you most

How Will Results Be Used?

Results for each task you complete will indicate where you stand relative to others in your age group. Over time, and as you advance through a treatment or wellness plan, you'll begin to see performance trends so that you can objectively evaluate how you are progressing. Your healthcare professional will use this information during intake to ensure they target the right areas during treatment, and then reassess periodically to measure progress.

Find More Information

<https://tbitherapy.com/cognitive-assessment-testing/>