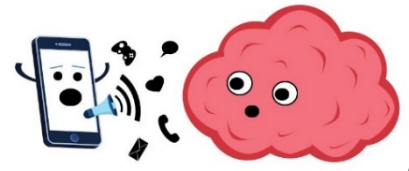


Computer-based test of attention abilities



REFERENCE	CoLeT [D02340]
KEYWORDS	ATTENTION DISORDER / ATTENTIONAL EFFICIENCY / CLINICAL ASSESSMENT TOOL



APPLICATIONS

- Help to diagnose Attention deficit hyperactivity disorder (ADHD)
- Test the effects of pharmacological treatments, cognitive rehabilitation or attention training programs on attentional efficiency.



TARGET MARKETS

- Psychologists, Neuropsychologists

Technology readiness level

TRL 5



INTELLECTUAL PROPERTY

CoLet trademark registered



RESEARCH TEAM

Lyon Neuroscience Research Center (CRNL), INSERM U1028 - CNRS UMR5292-UCBL1. DYCOG Team.

CONTACT US

Christine DUARTE
+33 (0)4 26 23 56 77
christine.duarte@pulsalys.fr

DESCRIPTION

This easy and short psychometric test, the Competitive Attention Test, first aims at facilitating the diagnosis of Attention deficit hyperactivity disorder as a main disorder, or as a comorbidity to several neurological, psychiatric or neurodevelopmental disorders. Dr. A. Bidet-Caulet & R. Hoyer combined their expertise in Neuroscience and Neuropsychology to develop this new test of auditory distractibility, evaluating several facets of attention (sustained attention, distraction, attention orienting, attentional lapses, impulsivity, motor control...).

COMPETITIVE ADVANTAGES

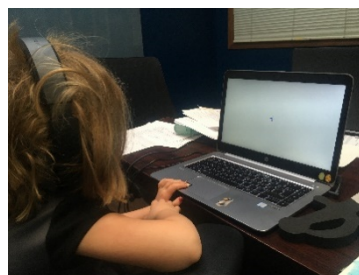
- Easy and short test (total 20-30 min)
- Normative data from 6 to 90 year-old
- Several attention measures (distraction, sustained attention, attentional lapses, impulsivity, motor control...)
- Instantaneous graphical representation of individual results
- Based on a detailed description of the brain dynamics supporting attention during the test.

DEVELOPMENT STATUS

- The normative data of the test have been collected and analyzed (<https://www.biorxiv.org/content/10.1101/747527v1>).
- The brain dynamics supporting attention during the test has been extensively investigated (ElShafei et al., 2019 & 2020).
- The test is currently been validated for clinical use in collaboration with the Lyon Hospitals (<https://clinicaltrials.gov/ct2/show/NCT03942835>).

PARTNERSHIP

PULSALYS is searching for a publisher of psychological assessment products.



OUR OPPORTUNITIES

<https://www.pulsalys.fr/our-projects/>

PULSALYS SATT LYON ST ETIENNE :
47 bd du 11 novembre 1918 - CS 90170
69625 Villeurbanne Cedex
FRANCE



PULSALYS
SATT LYON ST ETIENNE