



TYPICAL CLIENTS:

Psychologists, psychiatrists and doctors in public child, adolescent and adult psychiatry. Private clinics and research.

BENEFITS:

For the patient

- Quick access to assessment
- Increased self-awareness
- Better precision in diagnosis

For investigators

- Important objective supplementary information
- Effective communication tool
- Accessibility of test

For the clinic

- Fewer visits
- Faster assessment process
- Shorter queues

For the society

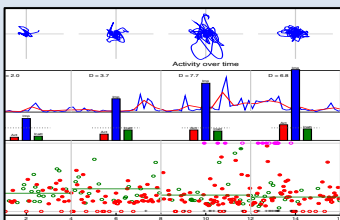
- Business model allows access to sophisticated test even for small clinics
- Cost efficient
- Less time loss and higher quality of life for relatives

TEST YOURSELF:

Search for "CPTA" on App Store, download for free (iPhone)

COST

OPATUS® CPTA is pay-per-use. No other costs are invoiced. Invoiced monthly in arrears.



Opatus works to improve the quality of life for people with attention difficulties through an improved, smartphone-based diagnostic support and treatment follow-up method.

The test

OPATUS® CPTA is an objective test that simultaneously measures a person's sustained attention, impulsivity and motor activity. The test takes 8-20 minutes, depending on the person's age.

Quantifying attentiveness may be desirable in many situations. Mind fatigue, ADHD, Parkinson's disease are some examples where this may be important.

OPATUS® CPTA is initially intended to be used as an objective complement to the clinical assessment in ADHD investigations.

The individual patient's results are compared with the results of a reference group that has been gathered primarily in Sweden and Germany.

Equipment

OPATUS® CPTA runs on iOS devices such as standard iPhones or iPods. If registration of motor activity is not needed, iPads can be used too. The tested person must sit in a standard dining chair, i.e. a stable chair without armrest, tilt or swivel. The chair size must be adapted to the person.

The task

It is a standardised task where symbols are presented briefly at a steady pace on the smartphone screen. Some symbols (Targets) require a response (tap on the screen), and some symbols do not (NonTargets). Variants of this task have been used for more than 50 years known as CPT (Continuous Performance Test/Task). How long can a person maintain attention given a low-stimulation task? It is an endurance test!

Test variants

Depending on age, the test setting varies according to the table below. The CPT type Go/NoGo means that you instantly know if a symbol is a target or not, X-1 means you need to remember last symbol and compare with the current symbol, and AX means that a symbol must be preceded with a valid cue to be a target.

	Age	Minutes	CPT type	Targets %
Toddler	Up to 6	8	Go/NoGo	50
Child	6 – 12	16	Go/NoGo	50
Adolescent	12 - 18	20	X-1	20
Adult	18 - 60	20	X-1	20/80
Senior	60+	20	AX	30

Report

The report is detailed, yet easy to understand and a great communication tool towards patient and guardians. The graphic result shows the ability to sustained attention i.e. performance over time and provides the investigator with a valuable objective complement to the clinical assessment.

Utilizing a smartphone platform downloadable online, the entire assessment is uniquely available in the doctor's pocket and opens for testing outside the clinic (in school, healthcare centre, forensic clinic, ...).

More information

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