

A New Approach in Diagnostics and Therapy on ADHD

Dr. med. Ralph Meyers
Sozialpsychiatrisches Centrum, Dorsten

Introduction

The Opatus CPTa, developed by Opatus

AB (www.opatus.se) is a mobile test measuring

inattention, impulsivity, motor activity

and reaction time used for diagnostic

procedures in ADHD and in follow up

diagnostics during therapy. It can also be

used for therapy control in for example

Parkinson's disease, Mind fatigue or dementia.

Objectives

The tool is currently under evaluation in

several European countries.

Scientific projects may be eligible for free

use.

Runs on iPod, iPhone and iPad. Free

download from App Store.

A subset of the results is available on the device immediately after test.

A comprehensive graphic report is available for registered users via a Web portal.

Pay-per-use, no fixed fees.

The test is mobile and can be used in realistic environments

The patient needs a minimum of management during the test.

This opens for simultaneously testing of multiple patients (requires iPods).

This saves time and cost of personnel.

Some patients will be able to have their test done at home and can present it later to their consultant.

Materials & Methods

There are 5 different versions:

- toddler 3-6
- child 6-12
- adolescent 12-18
- adult 18-55
- senior >55

Results

Table 1: treated with Methylphenidat

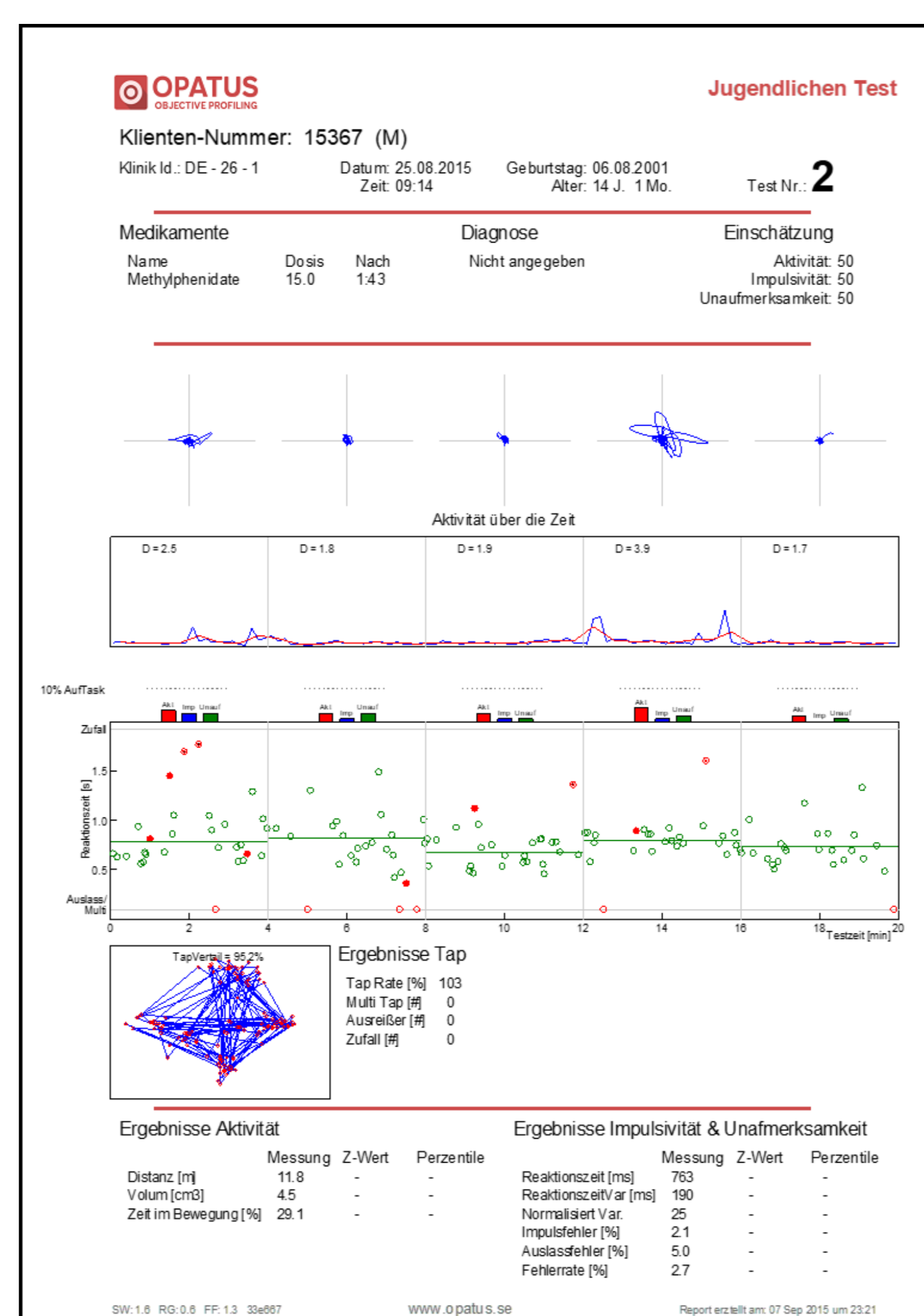
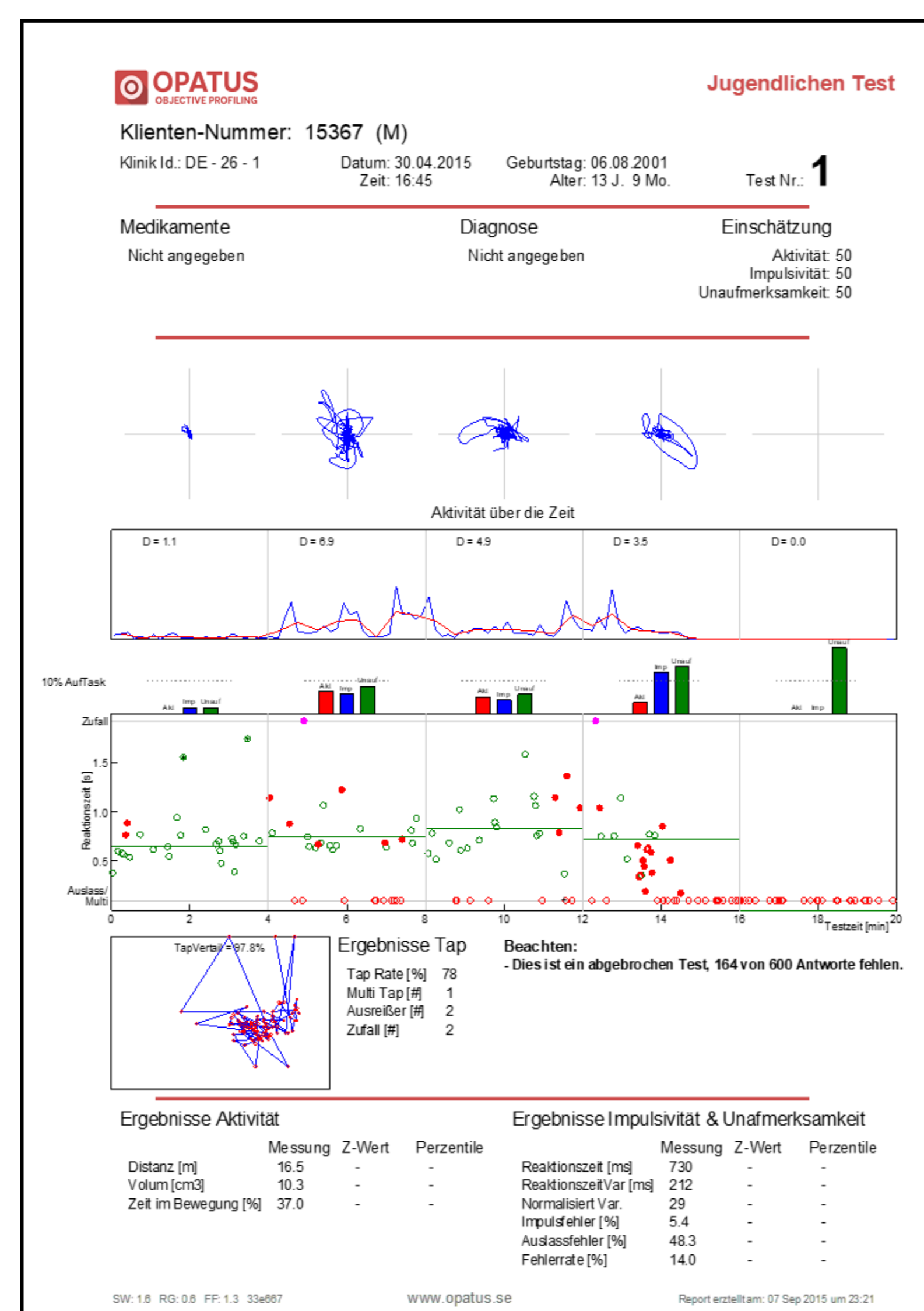
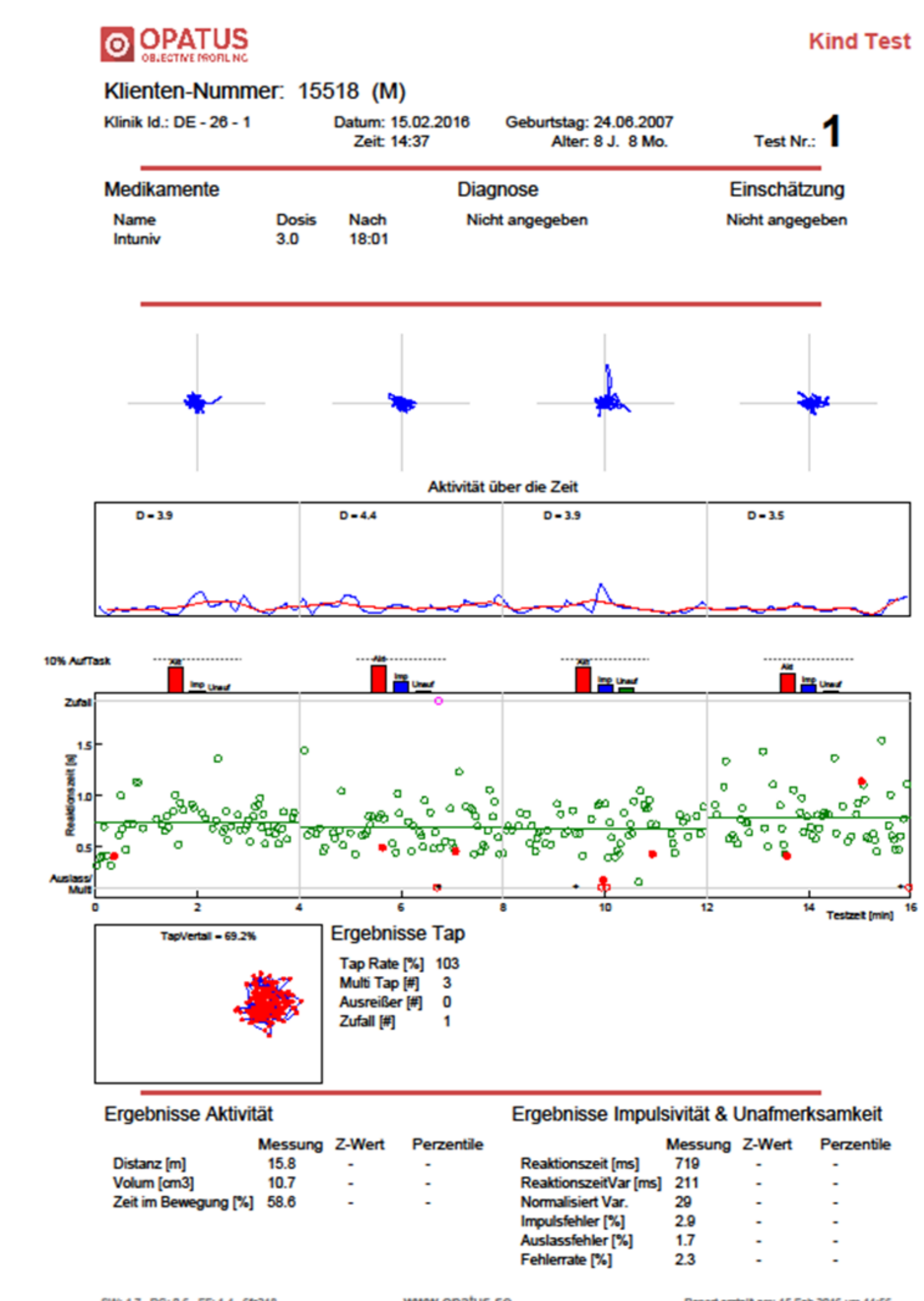
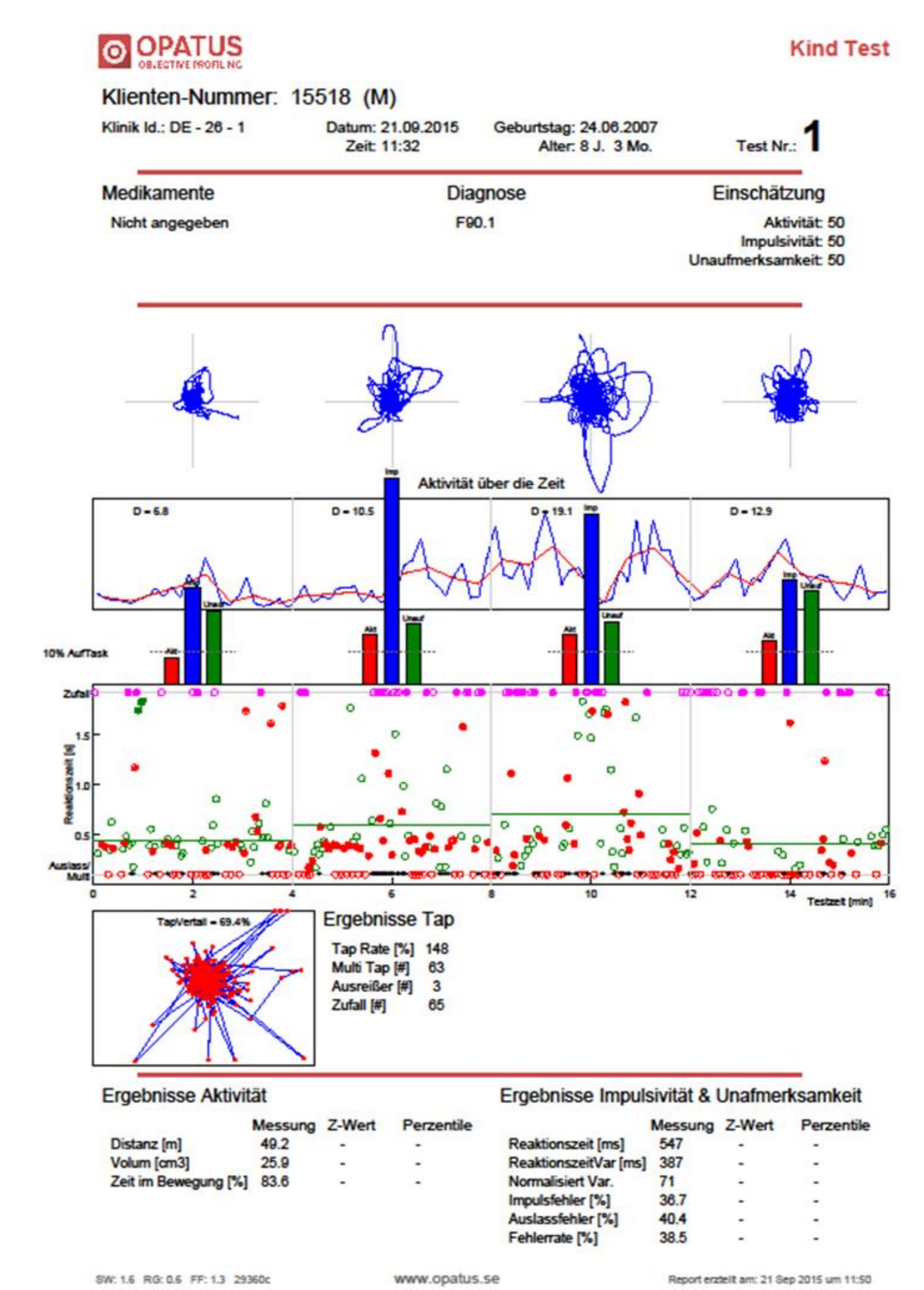


Table 2: treated with Guanfacine XR

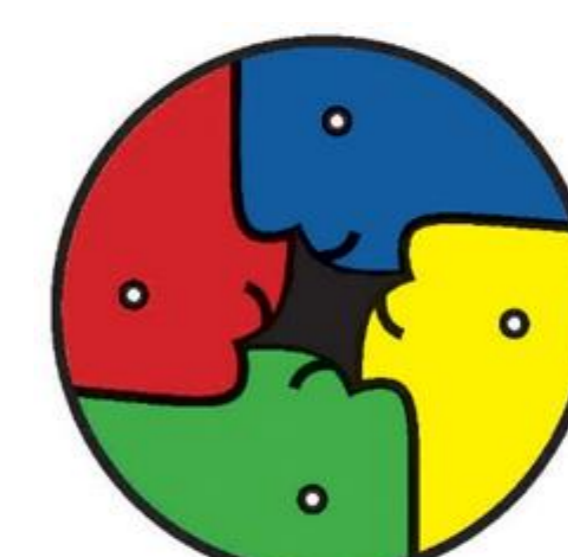


Conclusions

We will be able to achieve a more accurate diagnosis, adjust our treatment better and get better long term outcomes for our patients.

References

www.meyers-dorsten.com



SOZIALPSYCHIATRISCHES CENTRUM
FÜR KINDER UND JUGENDLICHE
DR. MED. RALPH MEYERS