Creation of the tasks of the Cognitive Computer Aided Therapy Software

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In this paper we introduce a computer controled method, which enables - as a difference to methods used internationally - not only the establishment of the diagnosis, but permits measurement of the therapy.

- It is an intensive therapeutic test which contains tutorial programs too.

The HELEN interactive therapeutic test and teaching software contains the following tasks:

- Memory game

- Puzzle game

- Where

- How many cubes do you see?

- How many pictures do you see?

- How many black and white checked drawings do you see?

- Concealed pictures

- Stories similar to the Binet pictures

- Amendment of half pictures

- Identify!

- Story

- Ordering of pictures

- Ordering of sentences

- Logical cards

- Clock

- Situation practice

- Recognition of faces

- Recognition of emotions

- Blind map

- Ordering according to form and colour

The single tasks contain decision-making situations, for these the system provides material of assistance. The methods, how the patient solves the problems shows how he or she thinks about the question, in case of failure the system provides the possibility of a new trial. For these we had to elaborate such interactive procedures, which enable the solution along different concepts.

We have designed such an interactive multimedia software that helps the testing and rehabilitation of brain vain patients.