

Tactual Profile MDVI

Anneke Blok, rehabilitation therapist early intervention
Ans Withagen PhD, special education
Ineke Jacobs, occupational therapist
Royal Dutch Visio



The Tactual Profile MDVI version has been specially developed for multiple disabled visual and cognitive impaired persons with a developmental age of 0-6 years.

Tactual Profile is an instrument that provides a procedure to assess tactual functioning in children, with a severe visual impairment, from birth up to 16 years of age. The instrument has been outlined as a 'structured observation'

In comparison with the regular Tactual Profile, the steps in development are more refined in the MDVI version. The instruction is less verbal or non-verbal. Prior to an assessment, an extended interview will take place with a person who knows the MDVI person well.

Item-set

The main categories are the same as in the original Tactual Profile, which are:

- **tactual sensory functioning;** Noticing, Body awareness, Touch sensitivity, Proprioception
- **tactual motor functioning;** Manipulation, Two-handedness
- **tactual-perceptual functioning;** Recognition, Perception of detail, Part-whole relationships, Tactile-spatial perception, Figure-ground perception, Tactual language, Touch Strategy

Survey of factors which influence tactual perception

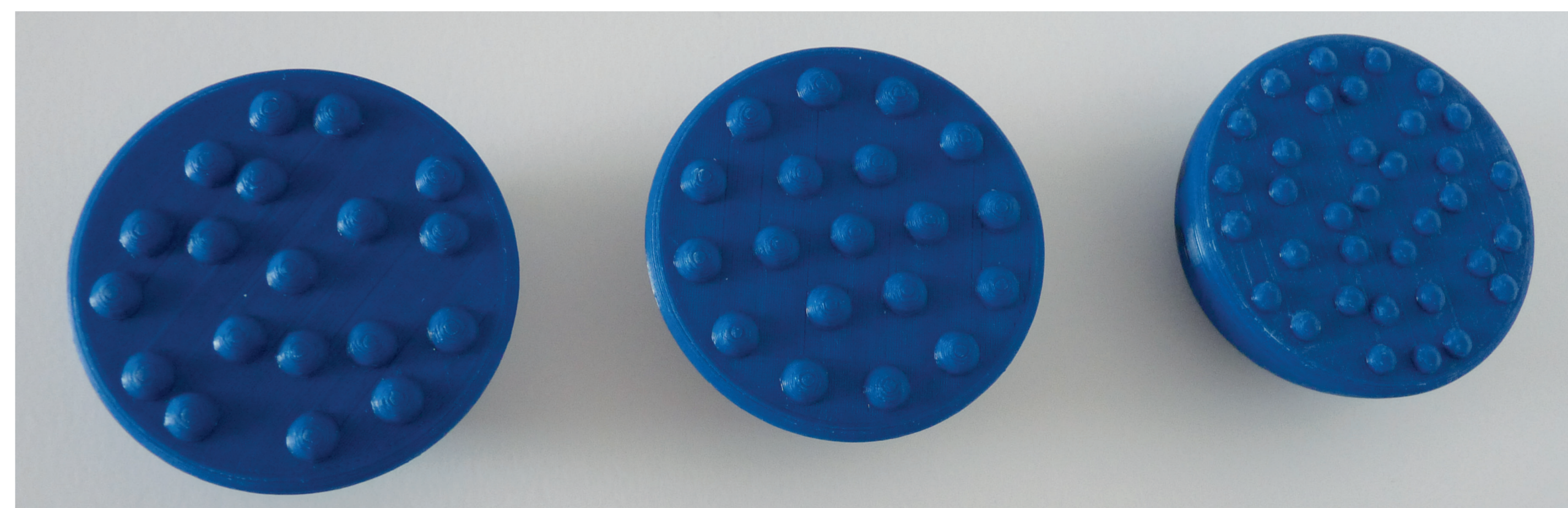
Influential Factors on tactual perception and functioning were specially written with MDVI persons taken in account. The survey provides a so-called tactual conceptual framework.

For example

In **Client Variables:** Motor development, Alertness, Incentive regulation, Exploration style: taking initiative, preference for touch.

In **Stimulus Variables:** Living environment variables: how do persons in their environment approach the client, impact of atmosphere. Distractors: sound, smell, amount of sensory stimuli.

For the assessment a special set of material was composed. When the instrument will be available they will be included in the observation kit.



The items of Tactual Profile for MDVI will give an answer to questions like: is this person able to perform a combined task? How long will it take for a person to react to an offered task and what is the impact of cluttered stimuli: tactual crowding effect?

The results of the MDVI-Tactual Profile will be the starting point for stimulation and training of tactual functioning.

www.tactualprofile.org