Tactual Profile - MDVI
Observation instrument for tactual functioning

Budapest, 2016
Ans Withagen
Reason for development

- Request for an adjusted instrument of Tactual Profile for people with a severe visual and mental disability, to monitor tactual functioning

- 2015 start of the project by professionals with practical experience with MDVI persons
Tactual Profile
starting point of the MDVI version
What is Tactual Profile

- **Target group**
  Children, 0-16 years of age, who are born blind or who have no more than some residual vision

- **The instrument focuses on the tactual requirements that the daily environment imposes on tactual perception**
Target Group Tactual Profile - MDVI

- MDVI persons with a severe visual and cognitive impairment. Children and Adults

- Mental capacities comparable with developmental age of 0-6 years
Differences between Tactual Profile and Tactual Profile-MDVI

- Extended interview with parent, teacher or care taker
- Instruction is less verbal
- Steps are more refined in the items
- Observation in daily environment
- Practical Skills not included in item-set
Method of the project group

- Literature study on MDVI group + evaluating methods of assessments
- Skipping and revising items/ categories of Tactual Profile; adding new items
- Evaluate instructions and scoring system
- Pilot study with 12 persons of different cognitive levels and different ages
- Evaluation by a group of experts and professionals (now third version of Tactual Profile-MDVI)
Prior to an assessment

- Gathering General Data
- Registration of Alerting Signals referring to hyper or hypo reaction of tactile stimuli
- Interview and List of items to fill in with a person close to the client
- List of Practical Skills
Item - set

- Developmental age levels
  A: 0-2 years
  B: 2-4 years
  C: 4-6 years

- Visual screening

- 3 main domains of tactual functioning
Domains of tactual functioning

- Tactual Sensory functioning
- Tactual Motor functioning
- Tactual Perceptual functioning
Tactual Sensory functioning

- Noticing
- Body awareness
- Touch sensitivity
- Proprioception
Tactual Motor functioning

- Tactual exploration
- Two-handedness
Tactual Perceptual functioning (in concept)

- Recognition
- Perception of detail
- Tactile-spatial relationships
- Figure-ground perception
- Tactual Language
- Touch strategy
Results of an assessment

- Starting point for stimulation and training of tactual skills
- Evaluation of scores with the ‘Survey of influential factors’
Survey with Influential Factors

**Client-variables:**
- Motor Skills
- Consciousness
- Regulation of sensory stimuli
- Basic attitude
- Attention
- Memory
- Executive functions

**Stimulus-variables:**
- Environmental factors
- Material properties
- Distracting factors

21 November 2016
MDVI version available

- July 2017, available in Dutch
- After pilot with Dutch version we start with translation to English

Questions and information?

Website: www.tactualprofile.org
E-mail: tactualprofile@visio.org
answifthagen@visio.org
Thank you for your attention!