

Validation Phase: Selected Domains

- Stereogonosis
- Touch
- Proprioception
- Pain

Participants

- Ages 3-85
- Typical population
 - US
 - Australia
 - Canada
- US diabetic clinic

Multisite Trials

- **University of Kansas Medical Center***
- LaTrobe University*
- McMaster University
- Ohio State University
- Thomas Jefferson University
- University Pittsburgh
- University of Washington
- Washington University*

*These sites administered additional tests

Tests Used in Validation

All sites

- Stereognosis –Shape matching
- Bottom of the Foot
- Kinesthesia--pointing
- Wrist position test
- Select pain questions from PROMIS

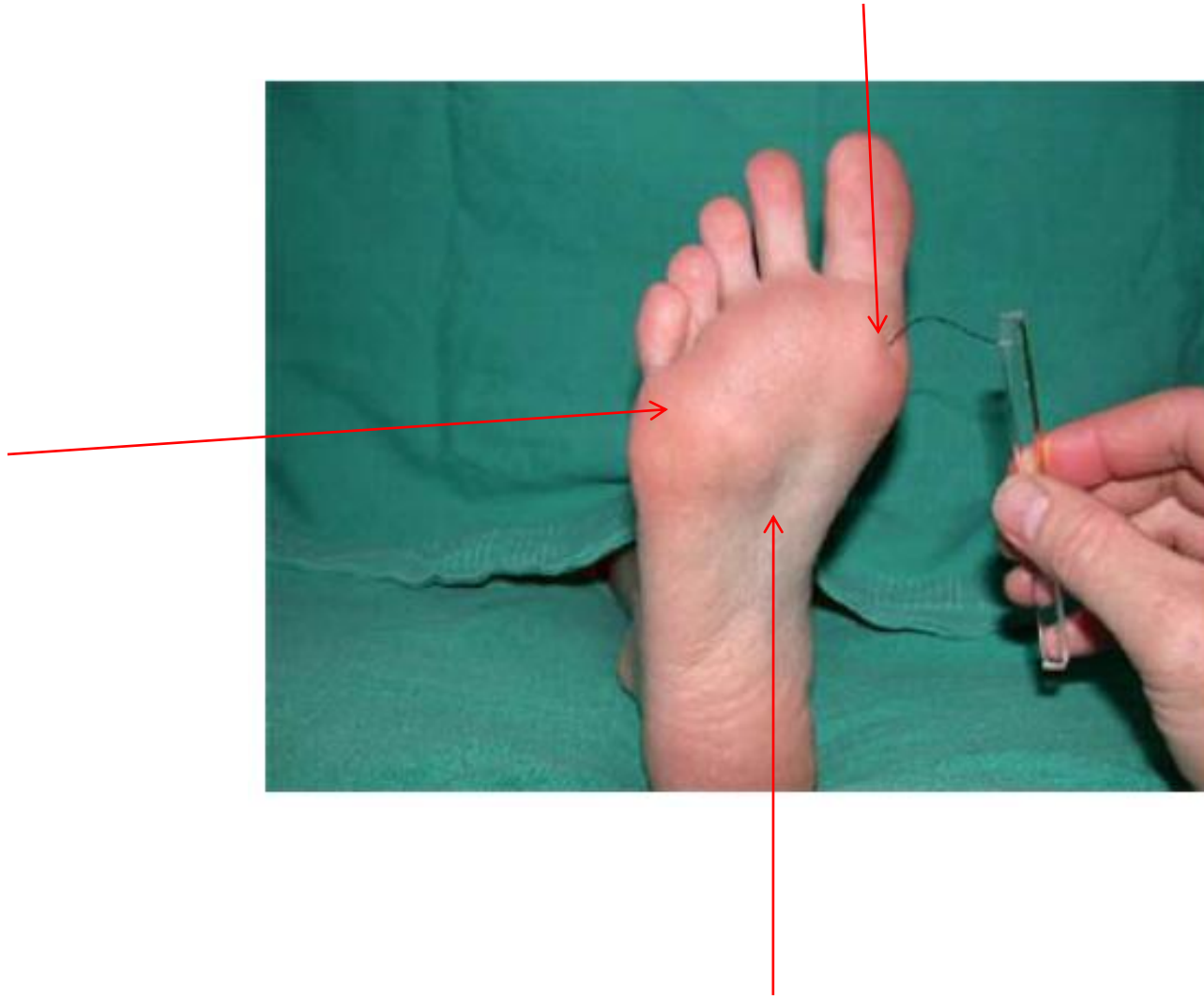
- Instruction Manual & Video provided
- All sites participated in training via Skype

Stereognosis

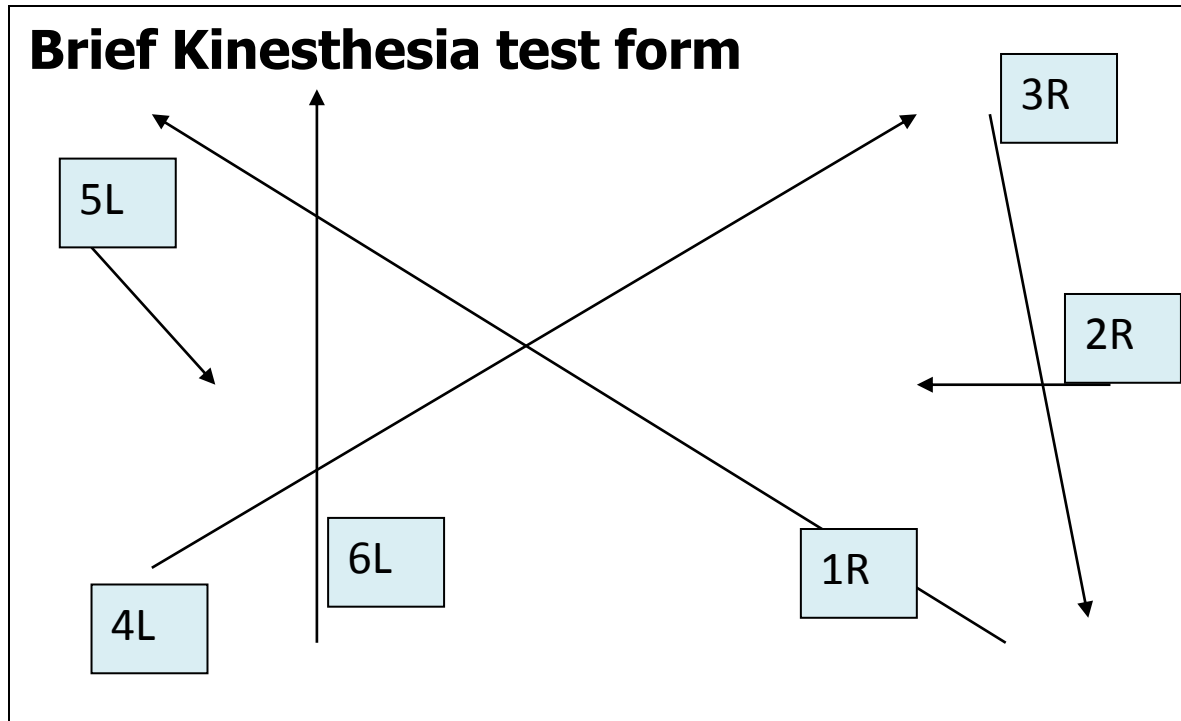
- Touch-Visual
- Touch-Touch
- Visual-Touch



Bottom of the Foot



Kinesthesia



Wrist Position



Patient-Reported Outcomes Measurement Information System

Please respond to each item by marking one box per row.
In the past 7 days...

- How much did pain interfere with your enjoyment of life?
- How much did pain interfere with your ability to concentrate?
- How much did pain interfere with your day to day activities?
- How much did pain interfere with your enjoyment of recreational activities?
- How much did pain interfere with doing your tasks away from home (e.g., getting groceries, running errands)?
- How often did pain keep you from socializing with others?

| | |
|--------------|---|
| Not at all | 1 |
| A little bit | 2 |
| Somewhat | 3 |
| Quite a bit | 4 |
| Very much | 5 |

Examples of items from the PROMIS Short Form for Pain

[items are adjusted for various age groups; children have self and proxy reporting]

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Select Sites Additionally Tested

- Tactile Discrimination Test (Carey, 2002)
- Wrist position sense test (Carey, 2002)
- Functional Tactile Object Recognition Test (Carey, Nankervis, et al., 2006)
- Halsted Reitan (Reitan & Wolfson, 1977, 1993)
 - Tactile Form Recognition
 - Tactual Performance Test

Tactile Discrimination Test (TDT)



Wrist Position Sense Test (WPST)



Functional Tactile Object Recognition Test (fTORT)



Halsted Reitan

- Tactile Form Recognition



- Tactual Performance Test

