



Small-Fiber Test



■ Easy to use ■ Portable ■ Quantitative ■ Validated ■ Affordable

- Evaluate pain processing in acute and chronic pain conditions
- Identify early onset of small-fiber neuropathy in diabetes
- Utilize as an entry criteria in pharmacologic trials
- Monitor treatment effect
- Extended temperature range of 16°C* to 50°C

*This spec. is not yet applicable in the EU





Sense Small-fiber Test provides an easy-to-use and scientifically validated measure of warm, cool and heat pain thermal sensory thresholds, all clinically useful determinants in the evaluation of diabetic, chemotherapeutic and idiopathic small-fiber neuropathies. Evaluation of heat-pain threshold and pain magnitude estimation provide a means to assess states of hyperalgesia, as well as suprathreshold pain response.

“Damage to small, unmyelinated C-fibers has the greatest impact on survival and quality of life”

Vinik et al, Exp Clin Endocrinol Diabetes, 2001

■ **Early Detection**

Subclinical detection can reduce severe neurological complications by making an earlier and more effective treatment course possible.

■ **Monitor Response to Therapy**

Responsive to treatment and pharmacologic intervention.

■ **Validated Measure**

Acceptable by the scientific community, regulatory authorities and subjects.



“Thermal hyperalgesia is a relevant clinical marker of early oxaliplatin neurotoxicity and may predict neuropathy”

Attal et al, PAIN, 2009



“The frequency of small fiber neuropathy found with the thermal threshold test was higher than large fiber neuropathy found with Nerve Conduction ($p < 0.001$) and was found at an earlier stage”

Jimenez-Cohl et al, J. Diabetes Sci Technol, 2012

- Comparison to Normative Reference Data
- Easy-to-Interpret Clinical Test Report
- Versatile Patient Database & Export Utility

- Pre-programmed Test Algorithms
- Sensitive and Reproducible

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