



Small-Fiber Test



- Easy to use
- Portable
- Quantitative
- Validated
- Affordable

**Small-fiber neuropathies are not detectable  
by traditional electrodiagnostic means**

*"Sensory modalities are more frequently affected than motor modalities and impairment of small nerve fibers could be the earliest detectable sign"*

Papanas, Vinik, Ziegler; Nat Rev Endocrinol, 2011

**Medoc**  
advanced medical systems



**Q-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

*“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

[www.medoc-web.com](http://www.medoc-web.com)

CE 0473



Refer to operating manual

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