



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



**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

**Medoc Advanced Medical Systems, USA | Compass Medical Technologies, Inc**  
1502 West Highway 54 - Suite 404, Durham, North Carolina 27707  
phone: +919.402.9600 | Fax: +919.402.9607 | [medoc@mindspring.com](mailto:medoc@mindspring.com)

**Medoc Ltd. Advanced Medical Systems | World Headquarters**  
1 Ha'Dekel St. P.O. Box 423 Ramat Yishai, Israel 30095  
phone: +972-4-903.8800 | Fax: +972-4-903.8808 | [medoc@medoc-web.com](mailto:medoc@medoc-web.com)

**EC REP EU Authorized Representative CEpartner4U BV**  
Esdoornlaan 13 3951 DB Maan, The Netherlands, [office@CEpartner4U.nl](mailto:office@CEpartner4U.nl)  
phone: +31-343-442.524 | mobile: +31-6-516-536.26 | Fax: +31-343-442.162

**advanced  
MEDICAL  
equipment ltd**

Unit 4, Foundry Court, Foundry Lane  
Horsham, West Sussex, RH13 5PY, U.K.

Tel: +44 (0) 1403 260156

Fax: +44 (0) 1403 260175

E-mail: [info@advancedmedicalequipment.com](mailto:info@advancedmedicalequipment.com)

Web: [www.advancedmedicalequipment.com](http://www.advancedmedicalequipment.com)

**Medoc**  
advanced medical systems