

# TSA II | NeuroSensory Analyzer



## The Essential Tool in Sensory Nerve Evaluation

“QST of the thermal modalities is the only clinical test for quantitative assessment of small caliber sensory nerve fiber function, the primary transmitters of pain sensation”

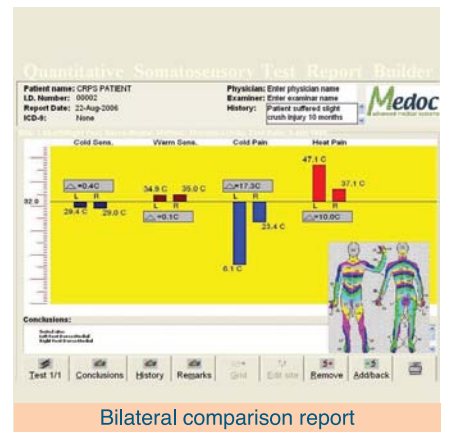
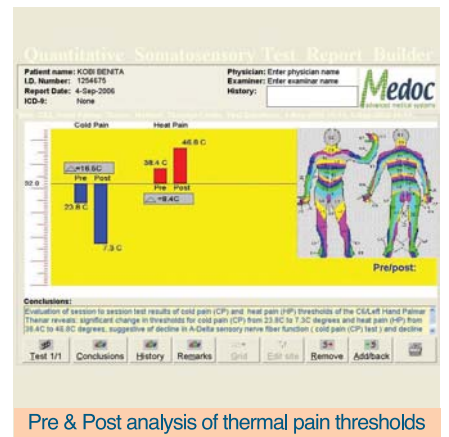
**Medoc**  
advanced medical systems

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“Warm and cold perception threshold abnormalities may indicate the earliest evidence of neurological dysfunction”

- Demonstrate small-fiber abnormality, despite negative EMG (large-fiber) findings
- Identify early onset and progression of functional neurological deficit in patients with Low Back Pain
- Evaluate both nerve root compression and inflammation
- Document small-fiber allodynia in Complex Regional Pain Syndrome (CRPS)
- Evidence underlying Central Nervous System impairment in your difficult to diagnose patients
- Early detection of diabetic neuropathy of small-caliber nerve fibers
- Evaluate effectiveness of growth factors, aldose-reductase inhibitors and other new therapies
- Automatic comparison of test results to normative reference data
- Assess entrapment and toxic neuropathies
- Utilize test programs designed to assist in detection of malingerers
- Portable, fast, easy-to-use clinical tool
- Versatile WINDOWS based software with selection of test paradigms for clinical, research and drug trial requirements
- Easy data export to Excel
- Outcome-based color graphic reports with automated narrative discussion of test results for payors and referral network

“Sensory Nerve Conduction studies sample only the peripheral nerve system, whereas thermal and vibratory QST evaluates the entire sensory axis”



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