



NerveCheck[®]

NCK

Immediate, Point-of-Care Diagnosis for small and medium nerve fiber
Neuropathy.

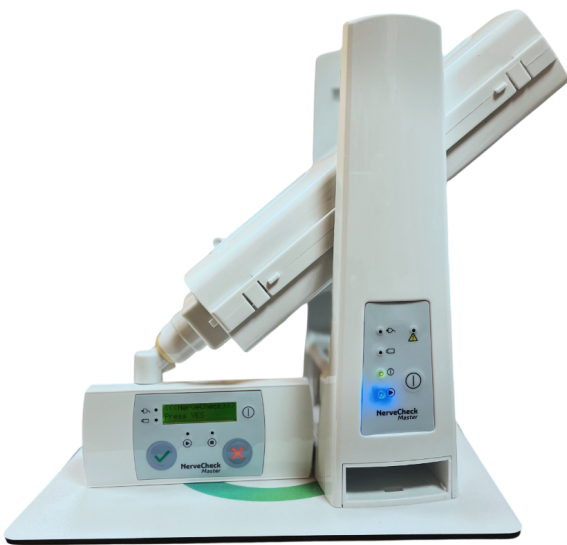
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Cutting-edge technology designed for healthcare professionals seeking to evaluate, quantify, and standardize the diagnosis of **small and medium** nerve fibers in **daily clinical practice**.

Our solution enables **precise** assessment and **quantify** the functional status of targeted sensory fibers evaluated and identify specific patient's phenotypes, facilitating longitudinal monitoring and highly personalized treatment strategies for various neuropathies.

Elevating the Standard of Daily Care



- ✓ **Standardized** methodology
- ✓ **Double** your diagnostic capacity
- ✓ **Quantitative** and immediate results
- ✓ Detect neuropathy **up to 5 years earlier** than traditional methods
- ✓ **Precision medicine**. Tailored treatments based on the patient's specific neuropathy **phenotype**.

Who performs the test?

Nurse
Assistant
Technique/-o
Podiatrist/-o
Physiotherapist

Target Specialties

Endocrinology
Traumatology
Oncology
Neurology
Neurophysiology
Internal Medicine
Anesthesiology
Pain Management Unit
Primary Care

Application in...

Diabetes and Prediabetes
Cancer
HIV
Parkinson's Disease
Thyroid Problems (Hypothyroidism)
Vitamin B1, B6, and B12 Deficiency
Lupus
Nutritional Deficiency
Collagenopathies
Food Intolerance
Carpal and Tarsal Tunnel Syndrome
Neuropathy due to Alcoholism
Neuropathy due to Trauma
Other

Assessment Procedure

By selecting the test for the target nerve fiber -vibratory for medium fibers or thermal for small fibers- NerveCheck[®] administers randomized, standardized stimuli through its specialized vibratory and thermal sensors.



Mechanical stimulation at a frequency of **248Hz** via vibratory transducer to determine the Vibration Perception Threshold (VPT).

Thermal stimulation via a specialized thermode to assess Cold, Warm and Heat Pain Perception Threshold.



Real-time diagnostic reporting

As illustrated below, test results are **quantitatively** analyzed and **categorically** stratified against NerveCheck's proprietary normative database.

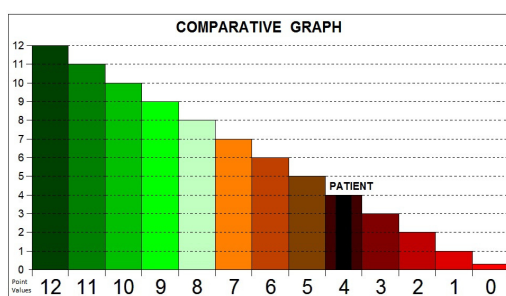
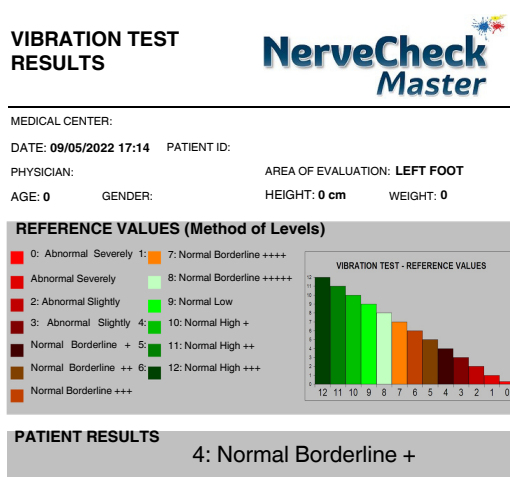


Figure 1. Vibration Perception Threshold (VPT) Result.

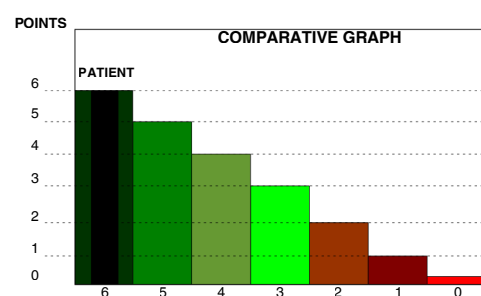
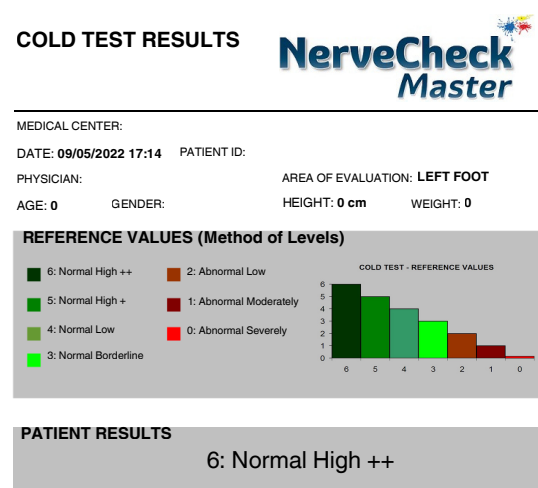


Figure 2. Cold Perception Threshold (CPT) Result.

WARM TEST RESULTS



MEDICAL CENTER:

DATE: 09/05/2022 17:14 PATIENT ID:

PHYSICIAN:

AREA OF EVALUATION: LEFT FOOT

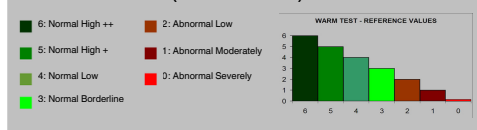
AGE: 0

GENDER:

HEIGHT: 0 cm

WEIGHT: 0

REFERENCE VALUES (Method of Levels)



PATIENT RESULTS

6: Normal High ++

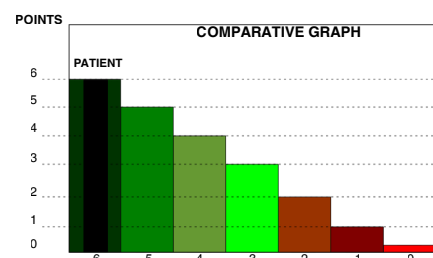


Figure 3. Warm Perception Threshold (WPT) Result.

PAIN TEST RESULTS



MEDICAL CENTER:

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PHYSICIAN:

AREA OF EVALUATION: LEFT FOOT

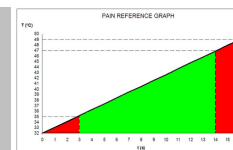
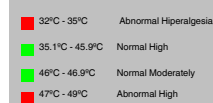
AGE: 0

GENDER:

HEIGHT: 0 cm

WEIGHT: 0

REFERENCE VALUES



PATIENT RESULTS

Normal High

TEMPERATURE

43.8 °C

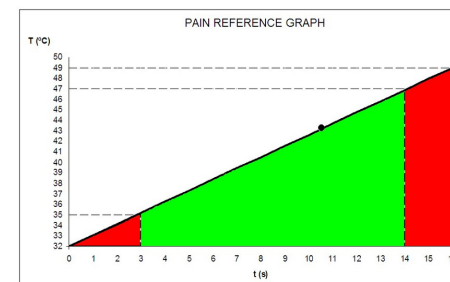


Figure 4. Heat Pain Test (HPT) Perception Result.

Clinical Evidence

- NerveCheck: An inexpensive quantitative sensory testing device for patients with diabetic neuropathy. Diabetes research and clinical practice 113(2016)101-107
- NerveCheck for the Detection of Sensory Loss and Neuropathic Pain in Diabetes. Diabetes Technology & Therapeutics Volume 18, Number 12, 2016 Mary Ann Liebert, Inc.
- Widespread sensory neuropathy in diabetic patients hospitalized with severe COVID-19 infection. Diabetes Research & Clinical Practice Volume 172, 108631, February 01, 2021.
- Quantitative sensory testing defines the trajectory of sensory neuropathy after severe COVID-19. Diabetes Research and Clinical Practice Volume 207, 111029, January 2024,
- NerveCheck Master to screen patients with type 1 or type 2 diabetes for peripheral and cardiac autonomic neuropathy J Diabetes Complications 2025 Sep;39(9):109107.

Quality & Compliance



CE 1639

Accred. no. 1639
Certification of management systems
ISO/IEC 17021-1

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Important: NerveCheck technology is available only through authorized by Phi Med Europe S.L. distributors. Always request official accreditation or contact us to confirm your local provider.