



Review of ENDOCRINOLOGY

EXAMINING THE ISSUES, TREATMENTS, AND EMERGING TRENDS IN DIABETES & ENDOCRINE DISORDERS

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NEUROMetrix NC-stat Nerve Conduction Test

The NC-stat system (NEUROMetrix, Waltham, MA) is a diagnostic tool designed to perform nerve conduction testing for neuropathy assessment, such as diabetic peripheral neuropathy, carpal tunnel syndrome, and sciatica. The NC-stat system, approved by the US Food and Drug Administration, is designed to evaluate peripheral nerve function, enabling physicians to manage patient care more effectively and efficiently—all within the office or clinic setting, according to a press release from the company.

The in-office use of the NC-stat allows doctors to administer the test without referring patients to a specialist. The system generates accurate results in minutes, speeds up the process of the prescribing care regimen, provides noninvasive

testing capabilities, and involves minimal discomfort for patients. The NC-stat works by placing biosensors on the skin along the known course of the nerves. The biosensors then stimulate the nerve to test the speed of transmission and signal strength.

The NC-stat system, currently used by more than 15,000 physicians, plays an important role in the early diagnosis of diabetic neuropathy. For more information, visit www.neurometrix.com.



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