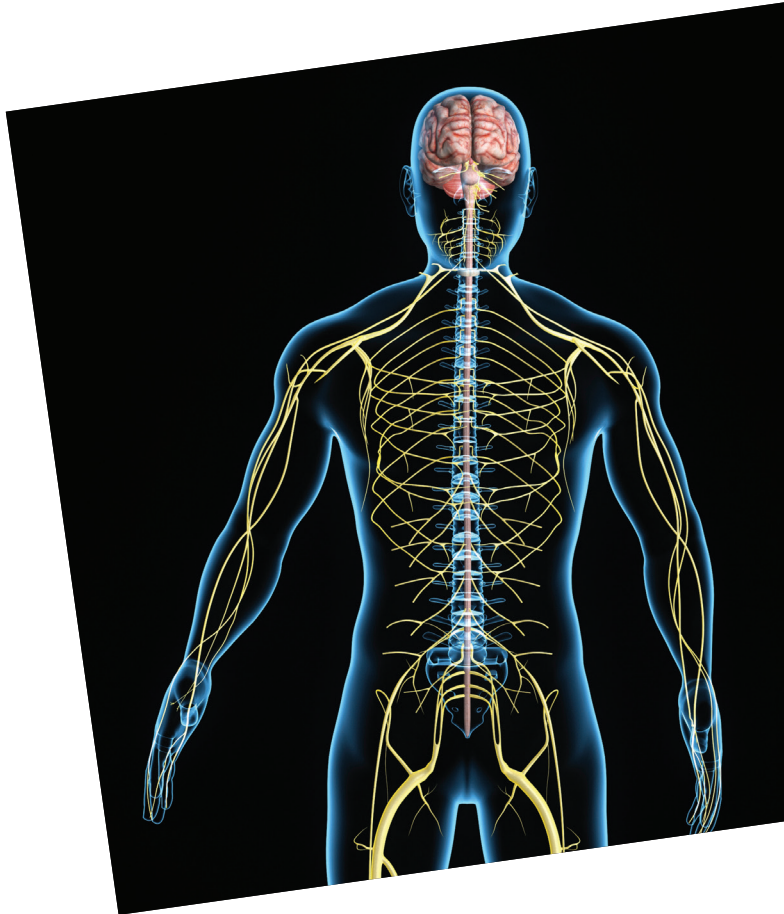


Nerve Conduction Study (NCS)



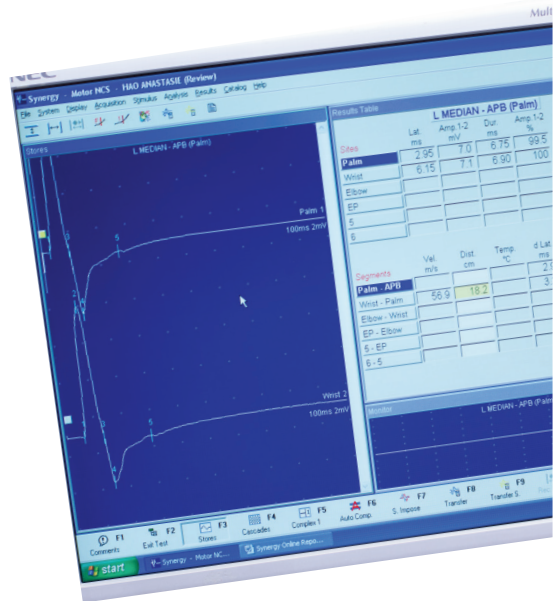
The Neurodiagnostic Laboratory provides a comprehensive range of diagnostic investigations to help doctors in the evaluation, diagnosis and treatment of epilepsy, stroke, neuromuscular and neurological diseases. Neurology services are also provided at the Specialist Outpatient Clinics, Emergency Department, Intensive Care Unit and as an inpatient service.

What is the purpose of the test?

The test can help to diagnose peripheral neuropathy* disorders such as nerve compression neuropathies, e.g. Carpal Tunnel Syndrome and Ulnar Neuropathy.

The purpose of the test is to evaluate the electric response of the nerve or muscle which the nerve is attached to and determine if the nerve impulse is conducting normally, at a slow speed or not transmitting at all, suggesting damage to the nerve.

* Peripheral neuropathy refers to any condition that affects the normal activity of the nerves of the peripheral nervous system. The peripheral nervous system is the network of nerves that connects the brain and spinal cord to the rest of the body.



What is the test about?

Nerve Conduction Study is a simple, painless and non-invasive test that allows our doctor to measure the health of specific nerves. In this procedure, a small electric pulse is delivered at one point of the nerve and the signal/response is recorded at another point. The nerves are stimulated at various locations depending on your symptoms.

Before the test

- You do not need to fast and can have a light meal.
- Do not apply any cream, oil, lotion or moisturiser on your body.
- Wear loose-fitting clothing as this will allow your hands and legs to be examined easily.

During the test

- A neurophysiology technologist will tape electrodes onto your skin.
- You may experience some discomfort when the electric current passes through your nerves.
- The procedure will take about 30 minutes.



Is the test safe?

The test is generally safe and there are no side effects.

When will I know the results?

A team of neurologists will review and interpret the studies. Your doctor will inform you of your test results during your next appointment.

For more information

Ng Teng Fong General Hospital and Jurong Community Hospital

1 Jurong East St 21, Singapore 609606

www.ntfgh.com.sg | www.jch.com.sg

Clinic opening hours

Monday – Friday: 8.30am – 5.30pm

Saturday: 8.30am – 12.30pm (Selected clinics only*)

Dental Clinic: Monday – Thursday: 8.00am – 5.30pm, Friday: 8.00am – 5.00pm

*Please refer to our websites for more details.

General enquiries & appointments

General enquiries line: 6908 2222 (24-hr)

Fax: 6716 5500 | Email: contactus@nuhs.edu.sg

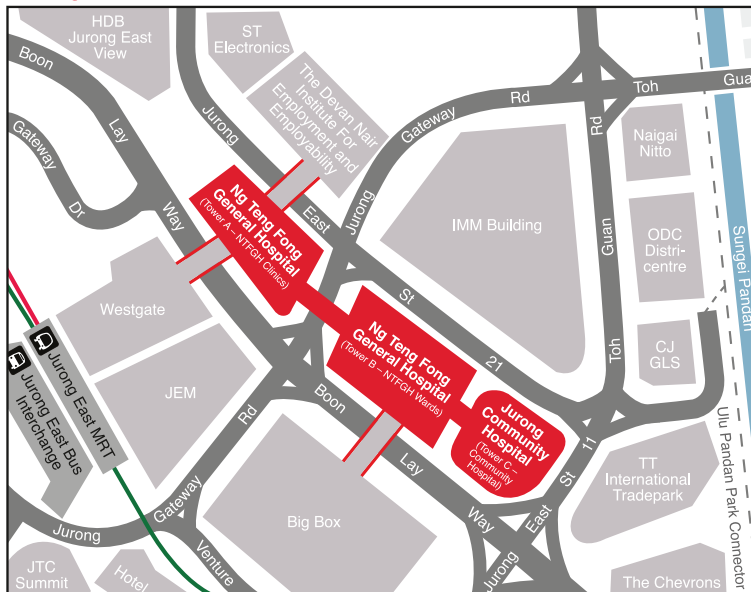
Appointment line: 6908 2222 (Monday – Friday: 8.00am – 5.30pm, Saturday: 8.00am – 12.30pm)

Fax: 6716 2200 | Email: appointment@nuhs.edu.sg

Dental appointment line: 6716 2233 (Monday – Friday: 8.00am – 5.30pm)

Fax: 6716 2200 | Email: JHCampus_Dental@nuhs.edu.sg

Getting there



By train

Alight at Jurong East MRT Station

By bus

Jurong East Bus Interchange

41, 49, 51, 52, 66, 66B, 78, 78A, 79, 79A, 97, 97E, 98, 98M, 105, 143, 143M, 160, 160A, 160M, 183, 183B, 197, 333, 334, 335, 506

Along Boon Lay Way

49, 99, 333, Private bus service 625, 990

Disclaimer:

The information in this brochure is meant for educational purposes and should not be used as a substitute for medical diagnosis or treatment. Please seek your doctor's advice before starting any treatment or if you have any questions related to your health, physical fitness or medical condition. Information is accurate at the time of printing.