

## General Information

- ❖ Please make appointment in advance.
- ❖ Please bring the referral letter and I.D. Card / Passport or valid Hong Kong Travel Visa for registration 15 minutes before the appointment.
- ❖ Please inform us at 22003155 during office hour if you cannot attend in time.
- ❖ When typhoon signal No. 8 (or above) or the rain storm black warning is hoisted, please contact us to rearrange a new appointment.
- ❖ In addition to health examination scheme, optional diagnostic investigations are available. Please refer to our website.

References:

[www.21.ha.org.hk/smartpatient](http://www.21.ha.org.hk/smartpatient)

Effective since: March 2022

PFE-EPI-3-E012



Website: [www.sth.org.hk](http://www.sth.org.hk)

- We provide "Octopus hourly parking services"
- Green Line Minicab: 2, 17M, 25M, 46, 70,
- Red Line Minicab: Mongkok to San Po Kong / Wong Tai Sin / Kowloon City
- Public Buses: 1, 1A, 2A, 6D, 7B, 9, 12A, 13D, 16, 24, 27, 42, 95, 98C, 113, 203E, 296C, N216
- MTR
  - \* Lok Fu: 5 mins by taxi
  - \* Mongkok: by red line minibus, get off at Lomond Road
  - \* Sung Wong Toi: Exit B1, about 5-10 minutes walk
- East Rail Line
  - \* Mongkok East: about 5 minutes by taxi
  - \* Kowloon Tong: by green line bus no. 25M
- Rehabus (Dial-a Ride): (852) 2817 8154



St. Teresa's Hospital  
聖德肋撒醫院

## Neurophysiological Tests

## Examination Information



## Neurophysiological Tests



### Health Screening & Diagnostic Centre

1/F Main Block, St. Teresa's Hospital

Tel:(852) 2200 3155

Working Hours:

08:00-16:00 (Monday to Saturday)

### Introduction

Neurophysiological tests are non-invasive studies on the functions of both the peripheral nervous system (NCT, EMG) and central (EPs) nervous system. The tests are important for your physician to formulate a more effective treatment plan.

### Preparation

- ※ You should expose your arms up to the elbow and legs from knee downwards during the tests on NCT and EMG.
- ※ Do not apply hair cream, oil, tonic or gel after shampoo the night or the morning before the VEP tests.

### Nerve Conduction Test ( NCT )

- ※ This test is for neuropathy (a condition that presents with numbness, weakness and incoordination ).
- ※ A small dose of electric current (1–100mA ) is charged to the target nerve, this will result in a muscle jerk with mild discomfort.
- ※ This test lasts for about half an hour.

### Electromyography ( EMG )

- ※ This test is for investigation of muscle disorders, or to look for evidence of muscle involvement in peripheral nerve diseases.
- ※ A small sterilized electrode will be inserted into the target muscle to record the electrical activation.
- ※ This test is associated with limited pain and local anaesthesia cannot be applied.
- ※ The procedure will last for about half an hour.

### Visual Evoked Potential Study ( VEP )

- ※ This test is to assess the nerves responsible for vision and their effects.
- ※ The patient will be presented with a checkerboard pattern while the electrical activities will be recorded from the surface electrodes placed on the head. Please bring along your spectacles or corrective lens for testing of your visual acuity.
- ※ The procedure usually lasts for an hour.

*If there is further concern about these procedure, please call us or consult your doctor-in-charge.*

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