

Department of Orthopaedic Surgery

**SINGAPORE PERIPHERAL NERVE
TRANSFER COURSE
& BASIC INSTRUCTIONAL COURSE
ON PERIPHERAL NERVE SURGERY
2018**



15th - 17th MARCH 2018

**Practical Venue: Experimental Lab,
Level B1, Tower B,
Khoo Teck Puat Hospital (KTPH)
90 Yishun Central, S768828**

**Lectures Venue: Hansei 1,
Learning Centre, Level 4, Tower E,
Yishun Community Hospital (YCH)
2 Yishun Central 2, S768024**

Visiting Faculty



Mr Dominic Power
FRCS (DP)
*Centre for Nerve Injury
and Paralysis
Birmingham, UK*



Mr Wee-Leon Lam,
FRCS (WLL)
*Royal Hospital for Sick
Children,
Edinburgh, UK*



**Mr Orlando Merced-
O'Neill**
RN, CTBS (OM)
*Associate Director of
Medical and
Professional Services
AxoGen*

Local Faculty

Mr Andrew Chin
SGH (AC)

Mr Andrew Yam
Gleneagles (AY)

Mr S. Sreedharan
TTSH (SS)

Mr .R.Vaikunthan
KTPH (RV)

**Ms Jacqueline
Tan (JT)**

Introduction

This 2-day program will provide an overview of the recent advances in nerve injury, healing, repair, reconstruction and rehabilitation. It includes principles and practice of nerve transfer, allografts, wraps and conduits.

Format

- Lectures, videos, case based discussions and hands on practical.
- Online resources will be made available for pre-reading.
- There will be twelve stations with bench operating microscopes and fresh frozen cadaveric specimens. Two participants per station.
- Each station is equipped with basic surgical instruments and two sets of **complimentary** surgical loupes with headlights and 3 piece micro instruments.

Target Participants (limited to 24):

Senior residents/Consultants in hand / ortho /plastic surgery

Prerequisites:

All participants will be required to have attended a microsurgery course prior. They must be familiar with loupe dissection and neurorrhaphy using microscopes.

Course Secretary:

Mr Toh Yew Chin

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Ms Agnes Chua

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Online Registration<http://tinyurl.com/BASICNERVE2018><http://tinyurl.com/NERVE2018> or QR code**Closing date: 28th February 2018****2nd Peripheral Nerve Transfer Course****Day 1 - 15th March 2018****Hansei 1, Tower E****REGISTRATION - 1245 to 1300 hrs****Lectures**

1300 - 1330 hrs Principles of nerve transfer WLL

1330 - 1400 hrs Outcomes in nerve transfer surgery SJS

1400 - 1430 hrs Principles of nerve transfer rehabilitation AY

1430 - 1500 hrs Extended applications of nerve reconstruction DP

TEA BREAK - 1500 to 1530hrs**Lectures**

1530 - 1600 hrs Advances in brachial plexus surgery TBC

1600 - 1700 hrs How I do it sessions DP,SS,JT

1700 - 1745 hrs Case Discussions MMC

Day 2 - 16th March 2018**Experimental Lab, Level B1, Tower B****HEALTH & SAFETY - 0800 to 0815 hrs****Practicals**

0815 - 0915 hrs Somsak transfer for shoulder abduction WLL

0915 - 1015 hrs Oberlin I and II for elbow flexion SS

TEA BREAK - 1015 to 1030 hrs

1030 - 1130 hrs Median to radial nerve transfers DP

1130 - 1230 hrs AIN to deep branch ulnar for improved hand function JT

LUNCH BREAK - 1230 to 1330 hrs

1330 - 1430 hrs Supinator to PIN (SPIN) transfer

1430 - 1500 hrs Video demo on SAN to SS WLL

1500 - 1530 hrs ICN WLL

TEA BREAK - 1530 to 1545 hrs

1545 - 1645 hrs Median/Ulnar sensory nerve transfers OM

1645 - 1700 hrs Feedback and Survey RV

6th Basic Instructional Course on**Peripheral Nerve Surgery****Day 1 - 16th March 2018****Hansei 1, Tower E****REGISTRATION - 1245 to 1300 hrs****Lectures**

1300 - 1345 hrs Microanatomy of the nerve LBH

1345 - 1430 hrs Biology of nerve injury and repair AC

1430 - 1515 hrs Principles of nerve repair (Lecture and Video) SJS

COFFEE BREAK - 1515 to 1530 hrs**Lectures**

1530 - 1600 hrs Techniques and tips in micro surgical repair JT

1545 - 1615 hrs Review of allografts / conduits / wraps SS

1615 - 1645 hrs Postoperative management of nerve repair AY

1645 - 1730 hrs Case Discussions MMC

Day 2 - 17th March 2018**Experimental Lab, Level B1, Tower B****HEALTH & SAFETY - 0830 to 0835 hrs****Practicals**

0835 - 0845 hrs Use of the microscope and instrument handling AC

0845 - 0915 hrs Micro suturing practices OM

0915 - 1000 hrs Nerve dissection WLL

TEA BREAK - 1000 to 1015 hrs

1015 - 1100 hrs To understand the concept of tensegrity in the nerve DP

Observation of tensegrity

1100 - 1145 hrs Fascicular repair JT

1145 - 1230 hrs Grouped fascicular repair (SRN or Median) AY

LUNCH BREAK - 1230 to 1330hrs

1330 - 1430 hrs Allograft Practice OM

1430 - 1530 hrs Conduit Practice OM

TEA BREAK - 1530 to 1545 hrs

1545 - 1630 hrs Nerve Grafting DP

1630 - 1700 hrs Feedback and Survey RV