

**Day 1 , 31 May '19, Friday**

**LECTURES**

**1300 REGISTRATION**

**1315** Welcome, housekeeping and course objectives

**1320** Assessment on prior knowledge based on online resources

**1330** Biology of Fracture Healing

**1345** Personality of Hand Fractures

***Hands on Workshop***

*12 stations (2 doctors,1 nurse each station) Cadaver specimen will have simulated fractures and will require exposure and dissection prior to open reduction and internal fixations.*

**1400** Basic Lag Screw Principles

**1415** The Dynamic Compression Plate ( DCP )

**1430** Rehabilitation following Hand Fractures

**1445** Complex Intraarticular Fractures

**1500** TEA BREAK

**1515** Scaphoid Fractures and the Headless Compression Screw ( HCS )

**1530** Other techniques of fracture fixations and general conservative treatment of hand fractures

**1545** Managing Complications

**1600** Interactive Case Presentation

**1630** Feedback

**9<sup>th</sup>**

**Khoo Teck Puat Hospital  
Hand Fracture Fixation  
Cadaveric Workshop**



**Date** : 31 May 2019-1 June 2019

**Venue** : Experimental Lab, Tower B, Level B1 @ Khoo Teck Puat Hospital(KTPH)

**Station** : 12 stations

PRACTICALS

0900:0915	Health and Safety
0915-0945	Introduction to the instruments and Implants
0945-1015	Exposures in hand fractures treatment
1015-10:45	Long Oblique Metacarpal Fracture with Lag screw and Neutralization Plate
1045 -1100	TEA BREAK
1100-1130	Short Oblique Metacarpal Fracture with <u>TriLock</u> 2.0 plate
1130-1200	Boxer's Fracture with T plate
12:00-1230	Proximal phalanx Base fracture with T plate
1230-1300	LUNCH
1300-13:30	Distal Phalanx Transverse Fracture Lateral Plating
1330-1400	Proximal Phalanx Transverse Fracture with IM Nailing
1400-1430	Suzuki Frame Application PIPJ Fracture Dislocation
1430-1500	Scaphoid waist Fracture with HCS Fixation
1500-1545	Distal Radius Fracture (Medartis DR kit, Adaptive Volar Plate, Baby Foot Plate)
1545-1600	TEA BREAK
1600-1615	DRUJ K Wiring
1615 - 1645	Interactive Case discussions
1645 – 170	Feedback and Presentation of Certificates

**At the end of the course, you should be able to:**

- Understand and explain the anatomy and biology of the bone and its responses to injury
- Assess and classify hand fractures and explain the principles of managing them
- Able to describe the principle and practice of lag screw, the dynamic compression plate and neutralization plate
- Able to expose and reduce simulated fractures of the phalanges, metacarpus and distal radius in the cadaveric specimens and internally fix them based on the principles taught in the workshop.
- Able to describe and rationalize the principles of rehabilitation following hand fractures.

*This workshop will be conducted based on the flipped classroom concept. All lectures are available on line and participants are expected to read and watch all videos as per the modules on hand and wrist fractures. During the workshop hand on skill will be performed by the participants with immediate feedback and practice.*

Online resource: [www.handsurgeryedu.com](http://www.handsurgeryedu.com) and get to:  
Hand &Wrist Fracture fixation workshop  
Participant will need to register for free before they can access the resources.  
They also need their **smart device with access to theinternet.**

**Registration Fee –S\$50(inclusive of GST)**  
**Mode of payment options : \*CHEQUE /CASH /BANK TRANSFER Please made cheque payable to Alexandra Health Pte Ltd Bank transfer details :**

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