



University Malaya Medical Center,
Kuala Lumpur, Malaysia

21st to 25th
APRIL 2015

5th Limb Deformity Correction Course

1st Open Tibia Fracture Course

2nd Basic External Fixator Course

Organized by:

NOCERAL
National Orthopaedic Centre of Excellence for Research and Learning
University of Malaya

ASAMI
Malaysia

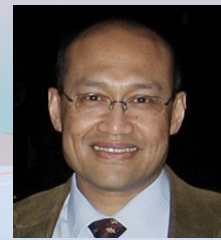


Trauma Interest Group
Malaysian Orthopaedic
Association

Paeds Ortho Interest Group
Malaysian Orthopaedic
Association



OBJECTIVE AND TARGET



1st Malaysian Open Tibial Fracture Course

Training specific to handling open tibial fractures is often lacking in many postgraduate curricula. Surgeons rely on transferring skills from general trauma management to this complex injury and often base their understanding of soft tissue handling to what they learnt from their senior surgeons. And yet, much that passes from senior to junior is based simply on habit, not understanding, not problem-specific skills nor clinical evidence. In this first course of its type in Malaysia, surgeons are taken by step-by step through assessing such injuries, prioritising the key elements that make the difference in outcome and actually performing the important skills of optimum wound extensions, perforator identification and preservation, and to raising useful and reliable flaps for proximal, middle and distal tibial wounds on cadaver specimens. In addition, they are tutored on when and where simple fracture fixation is enough or when the limb has to be reconstructed. This course is essential to any Orthopaedic surgeon, senior or junior, who has to deal with open tibial fractures.

5th Limb Deformity Correction Course

Orthopaedics – the surgery of musculoskeletal disorders of the limb and spine – has, from the outset, dealt with deformity. Twenty-first century deformity surgery relies on a thorough understanding of deformity analysis and its application to solving functional loss from deformity. The era of simple open wedge or closing wedge surgery is replaced by knowledge of reference axes, planes of deformity and determination of centres of rotation angulation (CORAs). Surgeons, with appropriate training in deformity analysis, will be able to solve simple and complex problems with confidence and apply different techniques suited to the problem and patient.

In this advanced level course, surgeons are introduced to the principles of deformity analysis and consolidate this knowledge to solving real world examples of fracture malunion, congenital and development deformity and even deformity from early osteoarthritis. Delegates will be able analyse a deformity and choose between different techniques including internal fixation, external fixation (monolateral and circular) and external fixator-assisted internal fixation. Dry-bone and cadaver workshops will enhance the skills learnt from lectures and case example- planning. What was previously a vague understanding of deformity in limbs will become confident knowledge.

Thank you.

Yours truly,

Dr. Selvadurai Nayagam

Course advisor

5th University Malaya Limb Deformity Correction Course

1st Open Tibia Fracture Course



Dr Kanthan
Chairman

5th Limb Deformity Correction Course



Dr Saw Aik
Chairman

1st Open Tibia Fracture Course

2ND BASIC EXTERNAL FIXATOR COURSE (BEFC) PROGRAM

21ST APRIL 2015

Basic External Fixator Course	
TIME	21/04/2015 TUE
0800-0815	Welcome Speech
0815-0830	Development of External Fixator
0830-0845	Basic Types of External Fixators
0845-0900	Types of Half Pin
0900-0915	Unilateral External Fixator
0915-0930	Basic Indications of External Fixation
0930-1000	TEA BREAK
1000-1100	Workshop 1: Simple External Fixator Station A: Stuller Heiss Station B: AO Fixator Station C: LRS Unilateral Fixator
1100-1115	Pin Site Care
1115-1130	Preventing Joint Stiffness
1130-1145	Preventing Ankle and Toe Contractures
1145-1200	Rehabilitation of patients with external fixators
1200-1300	Workshop 2: Demonstration 1. Physiotherapy 2. Ankle and toe support
1300-1400	LUNCH BREAK
1400-1415	Bone lengthening procedure
1415-1430	Mechanical Stability
1430-1445	Illizarov external fixation
1445-1500	Hexapod External Fixator
1500-1530	TEA BREAK
1530-1630	Workshop 3: 1. Pin site care 2. Ilizarov 3. Taylor Spatial Frame
1630-1700	END OF COURSE/ CERTIFICATE DISTRIBUTION

5TH LIMB DEFORMITY CORRECTION COURSE (LDCC) PROGRAM

21st – 23rd April 2015

Limb Deformity Correction Course			
Time	21/04/2015 TUE	22/04/2015 WED	23/04/2015 THU
8.00	A. Deformity Analysis <ul style="list-style-type: none"> • Course introduction • Mechanical, anatomical axes, normal bone alignment • Clinical and radiological assessment of limb alignment • Sagittal and coronal plain deformities • Planning for deformity correction 	C. External & internal fixation for deformity correction <ul style="list-style-type: none"> • Angle stable plate fixation • Intramedullary nail fixation • Growth guidance • Unilateral external fixation • Hexapod multi-axial external fixation 	DCC-Wet Lab 1 Introduction to surgical hip dislocation (Chow Wang, A Halim, A Razak M, James Hui) Hands-on session 1: Surgical dislocation of the hip (Group 1) Hands-on session 2: Surgical dislocation of the hip (Group 2)
9.30	TEA BREAK		
10.00	B. Principle of deformity correction <ul style="list-style-type: none"> • Acute correction of bone deformity • Gradual correction of bone deformity • Corticotomy techniques • External fixator guided acute correction • Gradual correction of soft tissue contracture 	D. Indications and special considerations <ul style="list-style-type: none"> • Congenital tibia pseudo-arthritis • Joint contracture following septic arthritis • Genu varum and valgum • Flexion and extension deformities of the knee • Deformities around the elbow 	
11.30	Practical 1 : (Durai, Kanthan) <ul style="list-style-type: none"> • Pre-operative Planning for Ilizarov and LRS External Fixator 	Practical 2 : (Kanthan) <ul style="list-style-type: none"> • Pre-operative planning for Taylor Spatial Frame (TSF) 	
12.30	LUNCH BREAK		
1.30	DCC-Dry Lab 1 :LRS (Durai, James Hui) <ul style="list-style-type: none"> • Distal femur varus malunion / shortening • Corticotomy of femur DCC-Dry Lab 2 :IEF (Kanthan, Ismail H) <ul style="list-style-type: none"> • Distal tibia varus malunion / shortening 	DCC-Dry Lab 3 :TSF (Kanthan, Basir) <ul style="list-style-type: none"> • Proximal tibia varus deformity and shortening DCC-Dry Lab 4 :TOMOFIX (Saw Aik, James Hui) <ul style="list-style-type: none"> • Proximal tibia varus deformity 	DCC-Wet Lab 2 Introduction to high tibia osteotomy (Saw A, James Hui, Kanthan) Hands-on session 3: High tibia osteotomy and distal tibia dome osteotomy
3.00	TEA BREAK		
3.30	DCC-Dry Lab 1 :LRS (Durai, James Hui) <ul style="list-style-type: none"> • Distal femur varus malunion / shortening • Corticotomy of femur DCC-Dry Lab 2 :IEF (Kanthan, Ismail H) <ul style="list-style-type: none"> • Distal tibia varus malunion / shortening 	DCC-Dry Lab 3 :TSF (Kanthan, Basir) <ul style="list-style-type: none"> • Proximal tibia varus deformity and shortening DCC-Dry Lab 4 : TOMOFIX (Saw Aik, James Hui) <ul style="list-style-type: none"> • Proximal tibia varus deformity 	
5.00	END OF DAY 1	END OF DAY 2	END OF COURSE & CERTIFICATE DISTRIBUTION

Dry Lab : Hands-on saw bone practical

Wet Lab : Hands-on cadaveric practical

1ST OPEN TIBIA FRACTURE COURSE (OTFC) PROGRAM

24th – 25th April 2015

Open Tibia Fracture Course		
TIME	24/4/2015 FRI	25/4/2015 SAT
0800-0930	A. Assessment and early management : <ul style="list-style-type: none"> • Assessment and management in the Emergency Room • Soft tissue extension and wound debridement • Degloving injury • Bone debridement • Temporary skeletal stability 	C. Special considerations : <ul style="list-style-type: none"> • Severe open fractures in children • Amputation in open fractures • How soft tissues can influence fracture healing
0930-1000	TEA BREAK	
1000-1130	B. Surgery and early complications : <ul style="list-style-type: none"> • Compartment syndrome • Vascular injury • Temporary wound dressings • Principles of soft tissue reconstruction • Definitive fixation of open fracture 	D. Long term complications : <ul style="list-style-type: none"> • Bones loss in open fractures • Osteotomy / corticotomy techniques • Docking site strategies • Osteomyelitis after open fractures
1130-1230	Case Discussion 1	Case Discussion 2
1230-1330	LUNCH BREAK	
1330-1430	LUNCH BREAK & FRIDAY PRAYERS	
1430-1700	OTF-Wet Lab 1 <ul style="list-style-type: none"> • Measurement of compartment Pressure • Wound Extension and Fasciotomy • Unilateral External Fixation and Fixation across the knee 	OTF-Wet Lab 2 <ul style="list-style-type: none"> • Fasciocutaneous flap • Local muscle flap • Triangulation of distal tibia fracture fixation • Fixation across the ankle
17.00	END OF DAY 1	END OF COURSE/ CERTIFICATE DISTRIBUTION

INTERNATIONAL FACULTY

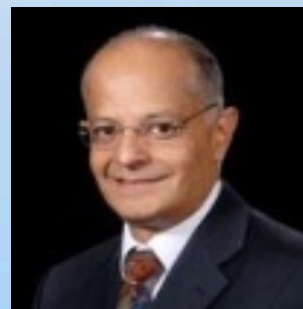


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JAMES HUI HOI PO

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HUANG LEI

Consultant Orthopaedic & Limb Reconstruction Surgeon
Jishuitan Hospital
Beijing, China



NATIONAL FACULTY - SPEAKERS



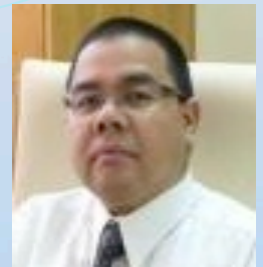
Abdul Halim Abdul Rashid
UKM Medical Centre



Abd Malik Mat Said
UMMC Kuala Lumpur



Abdul Razak Sulaiman
USM Medical Centre



Ahmad Sallehuddin
Hospital Perdana, Kota Bahru



Basir Towil
Serdang Hospital, K. Lumpur



Chua Yeok Pin
UMMC Kuala Lumpur



Janafiah Mohd Jedi
UMMC Kuala Lumpur



Khairul Faizi
Pantai Hospital, Cheras



Leena Lee
UMMC Kuala Lumpur



Luvan Markandan
Likas Hospital, Kota Kinabalu



Mahendran Subramaniam
Seremban Hospital



Nazirah binti Hasnan
UMMC Kuala Lumpur



Ramesh Naidu
Seremban Hospital



Sankara Kumar
UMMC Kuala Lumpur



Thirumal Manickam
HTAR, Klang



Zulkiflee Othman
Penang Hospital

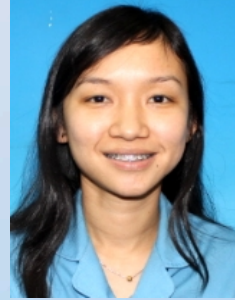
NATIONAL FACULTY – TABLE INSTRUCTORS



Abdul Razak Muhamad
Hospital Kuala Lumpur



Haizan bt Hawari
UMMC Kuala Lumpur



Hazwani Halil
UMMC Kuala Lumpur



Mohammed Khalid
UMMC Kuala Lumpur



Mazelan Ali
UMMC Kuala Lumpur



Ismahani Saidin
UMMC Kuala Lumpur



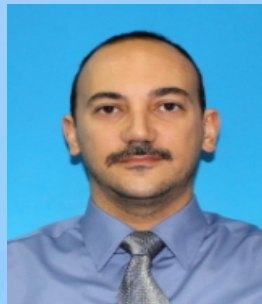
Noor Ashikin Yahya
UMMC Kuala Lumpur



Shazwani Zamri
UMMC Kuala Lumpur



Simmrat Singh
UMMC Kuala Lumpur



Suhaeb Abdulrazzaq Mahmud
UMMC Kuala Lumpur



Yohan Khirusman Bin Adnan
UMMC Kuala Lumpur

REGISTRATION

I would like to register for the following **2ND BASIC EXTERNAL FIXATOR COURSE (BEFC)**. Enclosed is the registration form and cheque (made payable to "Yayasan Ortopedik") / proof of payment by telegraphic transfer.

Name :

Hospital :

Position : Medical / House officer, Nurse, Physiotherapist, Occupational Therapist

Others:

E-mail : Phone :

Registration fee:

BEFC only : RM 300 / USD 100

Food / Diet :

Non-vegetarian

Vegetarian

Telegram transfer :

Bank : Maybank Islamic
Account Name : Yayasan Ortopedik
Account Number : 564351504180
Swift Code : MBBEMYKL
Bank address : Maybank, Ground & Mezzanine Floor,
Jalan Sultan Ismail, Wisma Genting,
50250 Kuala Lumpur, West Malaysia

Please send registration form and payment/proof of payment to:

5th University Malaya Limb Deformity Correction Course,

Department of Orthopedic Surgery,

University Malaya Medical Centre

50603 Kuala Lumpur, Malaysia.

shalini_12@live.com

Tel: +603 7949 3141

Fax: +603 7949 3141

REGISTRATION

I would like to register for the following **5TH LIMB DEFORMITY CORRECTION COURSE (LDCC) / 1ST OPEN TIBIA FRACTURE COURSE (OTFC)**. Enclosed is the registration form and cheque (made payable to "Yayasan Ortopedik") / proof of payment by telegraphic transfer.

Name :

Hospital :

Position :

E-mail : Phone :

Registration fee:

- LDCC & Dry Lab : RM 600 / USD 200
- LDCC & Dry and Wet Lab* : RM 1200 / USD 450
- OTFC & Wet Lab* : RM 1000 / USD 350

Food / Diet :

- Non-vegetarian
- Vegetarian

** Hands-on Wet laboratory (Cadaveric) is limited to 24 participants only
LDCC : Limb Deformity Correction Course
OTFC : Open Tibia Fracture Course*

Telegram transfer :

Bank : Maybank Islamic
Account Name : Yayasan Ortopedik
Account Number : 564351504180
Swift Code : MBBEMYKL
Bank address : Maybank, Ground & Mezzanine Floor,
Jalan Sultan Ismail, Wisma Genting,
50250 Kuala Lumpur, West Malaysia

Please send registration form and payment/proof of payment to:

5th University Malaya Limb Deformity Correction Course,

Department of Orthopedic Surgery,

University Malaya Medical Centre

50603 Kuala Lumpur, Malaysia.

shalini_12@live.com

Tel: +603 7949 3141

Fax: +603 7949 3141

ACCOMODATION

Anjung Penyayang

(UM Medical Centre)

Rate : RM 70 onwards

Contact : 03-7949 4611

03-7958 2649

Hotel Pullman

Bangsar, Kuala Lumpur

(Taxi to UM Medical Centre)

Rate : RM 260 onwards

Contact : 03-2240 0888

www.pullmanhotels.com

Council of Churches of Malaysia

(Within walking distance)

Rate : RM 75 onwards

Contact : 03-7956 7092

Email: cchurchm@streamyx.com

Hilton Hotel

Petaling Jaya

(Taxi to UM Medical Centre)

Rate: RM 343.00 onwards

Contact: 03-7955 9122



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