

REGISTER  
Now!

How To GET THERE?

PAYMENT BY CHEQUE:

ENCLOSED MY CHEQUE No: \_\_\_\_\_

ISSUED IN FAVOR OF **YAYASAN ORTOPEDIK**

PAYMENT VIA BANK TRANSFER:

NAME OF ACCOUNT: **YAYASAN ORTOPEDIK**

NAME OF BANK: **MAYBANK ISLAMIC**

ACCOUNT NUMBER: **5-64351504180**

PLEASE EMAIL YOUR REGISTRATION FORM WITH PROOF OF PAYMENT TO:

NORAININ SOFIYA BINTI AZMAN

TEL: +601 9974 3774

EMAIL: [noraininsofiya@um.edu.my](mailto:noraininsofiya@um.edu.my)

\*YOU MAY PRINT THIS REGISTRATION FORM FROM:

<http://www.moa-home.com/calendar.html>

<https://noceral.um.edu.my/category/event/>

FEE:

RM 250  
ONLY!

COURSE COORDINATOR:

AZLAN HAMZAH

TEL: +601 7373 9143

[azlanhamzah@um.edu.my](mailto:azlanhamzah@um.edu.my)

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BIOMECHANICS CRASH COURSE FOR  
ORTHOPAEDIC TRAINEES:

**CBO PREPARATION**

FOR

**OSC PART 1 & 2**

VENUE:

**DATIN RAGAYAH LECTURE HALL,  
NOCERAL, FACULTY OF MEDICINE,  
UNIVERSITY OF MALAYA**

600N  
BODY WEIGHT  
DATE:  
**4TH JULY 2019 (THURSDAY)**

TIME:  
**8.00 AM TO 5.00 PM**

ORGANISED BY:



**UNIVERSITY  
OF MALAYA**

**NOCERAL**  
BIOMECHANICS TESTING & RESEARCH LAB

National Orthopaedic  
Centre of Excellence  
for Research & Learning

# PROGRAMME TENTATIVE:

## DR. MOHD RUSDI BIN DRAMAN @ YUSOF

CHAIRMAN  
BIOMECHANICS CRASH COURSE FOR ORTHOPAEDIC TRAINEES  
CBO PREPARATION FOR PART 1 & PART 2



### WELCOMING REMARKS:

I AM PLEASED TO WELCOME YOU TO OUR VERY FIRST BIOMECHANIC CRASH COURSE FOR ORTHOPAEDIC TRAINEES CBO PREPARATION. THE PRINCIPLE OF BIOMECHANICS WITHOUT DOUBT IS AN IMPORTANT COMPONENT IN ORTHOPAEDIC DAY TO DAY PRACTICE. KNOWING ITS IMPORTANCE, IT HAS BEEN REGULARLY TESTED IN BOTH ENTRANCE AND EXIT ORTHOPAEDIC MASTER EXAMINATION.

THIS WORKSHOP IS AIMED AT JUNIOR MEDICAL OFFICERS AND ORTHOPAEDIC TRAINEES. THE PARTICIPANTS WILL LEARN ABOUT THE KEY BIOMECHANICAL PRINCIPLES THAT MUST BE CONSIDERED IN MAKING ORTHOPAEDIC DECISIONS. THEY WILL ALSO BE TAUGHT ON HOW TO APPROACH BIOMECHANIC-RELATED BAQ, OSCE QUESTIONS IN REAL EXAM. THE HIGHLIGHT OF THIS WORKSHOP IS THAT ALL THE SPEAKERS HAVE EXPERIENCE EITHER DIRECTLY OR INDIRECTLY AS AN EXAMINER FOR CBO EXAM. I AM SURE ALL THE PARTICIPANTS WILL SIGNIFICANTLY BENEFIT FROM THIS EXPERIENCE AND BETTER PREPARE FOR THE EXAM.

THANK YOU.

SUPPORTED BY:



- 0800 REGISTRATION & BREAKFAST
- 0830 WELCOMING REMARKS
- 0900 **BIOMECHANICS OF THE KNEE & TKR**  
BY DR. FAHRUDIN BIN CHE HAMZAH (UPM)
- 0930 **BIOMECHANICS OF THE HIP & THR**  
BY PROF. DR. AZLINA AMIR ABBAS (UM)
- 1000 **BIOMECHANICS OF DYNAMIC HIP SCREW & PROXIMAL FEMORAL NAIL** BY DR. MOHD HADIZIE BIN DIN (HUSM)
- 1030 **BIOMECHANICS OF FLEXOR TENDONS & REPAIR**  
BY YBHG. PROF. DATO' DR. TUNKU SARA BINTI TUNKU AHMAD YAHAYA (UM)
- 1100 **BIOMECHANICS OF INTERLOCKING NAILING**  
BY DR. MOHD HADIZIE BIN DIN (HUSM)
- 1130 **BIOMECHANICS OF TENSION BAND WIRING**  
BY DR. C SANKARA KUMAR CHANDRASEKARAN (UM)
- 1200 **BIOMECHANICS OF THE FOOT & GAIT CYCLE**  
BY DR. RUKMANIKANTHAN SHANMUGAM (PRINCE COURT MC)
- 1230 LUNCH TALK
- 1330 **BIOMECHANICS OF PLATING IN LONG BONE FRACTURE**  
BY DR. SIMMRAT SINGH A/L JAGDIS SINGH (UM)
- 1400 **BIOMECHANICS OF SPINE FIXATION METHODS**  
BY ASSOC. PROF. DR. CHRIS CHAN YIN WEI (UM)
- 1430 OSCE & BAQ
- 1630 TEA BREAK & CLOSING REMARKS

## REGISTRATION FORM:

NAME:

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HOSPITAL / CLINIC:

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DEPARTMENT:

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CONTACT No.:

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EMAIL:

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VEGE ( ) / NON-VEGE ( )

## WHO SHOULD JOIN THIS COURSE?

THIS COURSE TARGETS, BUT NOT LIMITED TO, THE CLINICAL MASTERS STUDENTS COVERING TOPICS OF CLINICAL RELEVANCE. ALSO TO THOSE WHO WANTS TO LEARN THE CONCEPTS OF MECHANICS AS THEY APPLY TO HUMAN MOVEMENT. THE PARTICIPANTS SHOULD GAIN ADVANCED KNOWLEDGE AND ANALYSING SKILLS ON THE MECHANICAL AND ANATOMICAL PRINCIPLES THAT GOVERN HUMAN MOTION, AND DEVELOP THE ABILITY TO LINK THE STRUCTURE OF THE HUMAN BODY WITH ITS FUNCTION FROM A MECHANICAL PERSPECTIVE. THIS COURSE ALSO INTRODUCES STUDENTS TO A SPECTRUM OF MATERIALS USED IN BIOMEDICAL ENGINEERING, BIOLOGICAL-BIOMATERIALS INTERACTIONS, HOST RESPONSES, AND MATERIALS EVALUATIONS.