# The 14<sup>th</sup> Basic Science & Anatomy Course for FRCSED (ORTHO) / FHKCOS Examination

25 – 28 August 2024

# **Program**

Location: 21 Sassoon Road, Pokfulam, Hong Kong

### **Day 1 – 25 August 2024 (Sunday)**

|             | Anatomy  | Venue                                     | Tutor   |
|-------------|--|---|---|
| 0800 – 0830 | Registration                                     | Participants: Anatomy Lab  Observers: SR4 |   |
| 0830 – 0900 | Presentation: Brachial plexus                    | Participants:                             | VM  |
| 0900 – 1000 | Demonstration: Brachial plexus and shoulder      | Anatomy Lab                               | VM / MF (BP)<br>KS (Shoulder)                 |
| 1000 – 1100 | Demonstration: Compartments of the arm and elbow | Observers:<br>SR4                         | KS (Arm)<br>CF (Elbow)                        |
| 1100 – 1115 | Coffee Break                                     |   |   |
| 1115 – 1215 | Demonstration: Forearm compartments / wrist      |   | CF (Forearm anterior) MF (wrist Extensors)    |
| 1215 – 1300 | Demonstration: Forearm compartments / hand       |   | KS (Forearm posterior) VS / MF (hand flexors) |
| 1300 – 1400 | Lunch  | SR 1-3                                    |   |
| 1400 – 1520 | Demonstration: cervical spine / lumbar spine     | Participants: Anatomy Lab  Observers: SR4 | KC (C spine)<br>KK (LS Spine)                 |
| 1520 – 1530 | Coffee break                                     | Foyer 1                                   |   |
| 1530 – 1600 | Biomechanics of spine                            | LT1                                       | KK  |
| 1600 – 1730 | Practice vivas<br>(divided into 3 groups)        | SR 1-3                                    | Whole faculty A: VM KK B: KCJW C: KS DY       |

**Anatomy Lab**: Room 101, 1/F, Laboratory Block, Faculty of Medicine Building

**SR 1-3**: Seminar Rooms 1-3, G/F, Laboratory Block, Faculty of Medicine Building

**LT 1**: Lecture Theatre 1, G/F, Cheung Kung Hai Conference Centre, William MW Mong

Block

**Foyer 1**: *G/F, Cheung Kung Hai Conference Centre, William MW Mong Block* 

<sup>\*</sup> For observers, please go to SR 4 for observation during Anatomy Lab session. (SR 4: Seminar Room 4, G/F, Laboratory Block, Faculty of Medicine Building)

## **Day 2 – 26 August 2024 (Monday)**

|             | Anatomy                          | Venue                     | Tutor                  |
|-------------|----------------------------------|---------------------------|------------------------|
| 0800 - 0830 | Registration                     | Participants:             |                        |
|             |                                  | Anatomy Lab               |                        |
|             |                                  |                           |                        |
|             |                                  | Observers:                |                        |
|             |                                  | SR4                       |                        |
| 0830 - 1000 | Demonstration: hip and           | Participants:             | VM/EK (Ant/Med)        |
|             | thigh                            | Anatomy Lab               | KS (post hip / pelvis) |
| 1000 – 1100 | Demonstration:                   | Observers:                | KS (Knee / Pop)        |
|             | compartments of the leg /        | SR4                       | VM (Leg)               |
|             | knee and popliteal fossa         |                           |                        |
| 1100 - 1115 | Coffee Break                     | EXH                       |                        |
|             |                                  |                           |                        |
|             |                                  |                           |                        |
|             |                                  |                           |                        |
| 1115 – 1245 | Practice vivas                   | SR 1-3                    | Whole faculty          |
|             | (divided into 3 groups)          |                           | A: KS, CL              |
|             |                                  |                           | B: VM, MF<br>C: EK, RY |
| 1245 – 1330 | Lunch (Pick up Lunchbox at *EXH) | SR 1-3                    | C. EN, NT              |
| 1330 – 1430 | Demonstration: the ankle         |                           | KS (Foot)              |
| 1550 - 1450 | and foot                         | Participants: Anatomy Lab | VM / KH                |
|             |                                  | Anatomy Lab               | (ankle)                |
| 1430 – 1500 | Biomechanics of Foot             | Observers:                | KS                     |
| 1500 – 1530 | Gait Cycle                       | SR4                       | KS                     |
| 1530 – 1540 | Evaluation                       |                           | MF                     |
| 1540 – 1600 | Break                            | EXH                       |                        |
| 1600 – 1730 | Practice vivas                   | SR 1-3                    | Whole faculty          |
|             | (divided into 3 groups)          |                           | A: MF, RY              |
|             |                                  |                           | B: KS, CF              |
|             |                                  |                           | C: KH, VM              |

**Anatomy Lab**: Room 101, 1/F, Laboratory Block, Faculty of Medicine Building

**SR 1-3**: Seminar Rooms 1-3, G/F, Laboratory Block, Faculty of Medicine Building

**EXH:** Exhibition Area, G/F, Laboratory Block, Faculty of Medicine Building

<sup>\*</sup> For observers, please go to SR 4 for observation during Anatomy Lab session. (SR 4: Seminar Room 4, G/F, Laboratory Block, Faculty of Medicine Building)

# **Day 3 – 27 August 2024 (Tuesday)**

|             | Basic Science                                | Venue   | Tutor                                    |
|-------------|--|---------|--|
| 0800 – 0820 | Registration                                 | Foyer 1 |  |
| 0820 - 0830 | Introduction                                 | LT1     | MF                                       |
| 0830 - 0900 | Introduction to biomechanics                 | LT1     | HF                                       |
| 0900 – 0930 | Biomechanics of natural hip and knee joints  |         | HF                                       |
| 0930 – 1010 | Geometrical parameters of joint replacements |         | KS                                       |
| 1010-1030   | Coffee break                                 | Foyer 1 |  |
| 1030 – 1100 | Free Body diagram                            | LT1     | KS                                       |
| 1100 - 1130 | Bone healing                                 |         | КҮ                                       |
| 1130 – 1300 | Practice vivas<br>(divided into 3 groups)    | SR 1-3  | Whole faculty A: HF CF B: KS MF C: KY JW |
| 1300 – 1350 | Lunch (Pick up Lunchbox at *EXH)             | SR 1-3  |  |
| 1350 – 1420 | Tendon, ligament, muscles                    | LT1     | KH                                       |
| 1420 – 1500 | Infection                                    |         | EK                                       |
| 1500 – 1530 | Characteristics of bone screws               |         | MF                                       |
| 1530 – 1550 | Coffee break                                 | Foyer 1 |  |
| 1550 – 1630 | Tumour                                       | LT1     | RY                                       |
| 1630 – 1800 | Practice vivas                               | SR 1-3  | Whole faculty                            |
|             | (divided into 3 groups)                      |         | A: KS RY                                 |
|             |  |         | B: VM KH                                 |
|             |  |         | C: CY EK                                 |

**SR 1-3**: Seminar Rooms 1-3, G/F, Laboratory Block, Faculty of Medicine Building

**LT 1**: Lecture Theatre 1, G/F, Cheung Kung Hai Conference Centre, William MW Mong

Block

**Foyer 1**: G/F, Cheung Kung Hai Conference Centre, William MW Mong Block

**EXH:** Exhibition Area, G/F, Laboratory Block, Faculty of Medicine Building

## **Day 4 – 28 August 2024 (Wednesday)**

|             | Basic Science  | Venue   | Tutor                                    |
|-------------|--|---------|--|
| 0730 - 0800 | Registration   | Foyer 1 |  |
| 0800 – 0830 | Properties of materials                              | LT1     | CF                                       |
| 0830 - 0910 | Biomaterials   |         | CF                                       |
| 0910 - 0940 | Rigidity of construct                                |         | KS                                       |
| 0940 – 1010 | Working length of plates / nails / external fixators |         | KS                                       |
| 1010 – 1030 | Coffee break   | Foyer 1 |  |
| 1030 – 1100 | Articular cartilage and meniscus                     | LT1     | VM                                       |
| 1100 – 1230 | Practice vivas<br>(divided into 3 groups)            | SR 1-3  | Whole faculty A: VM MF B: KS CT C: CL CF |
| 1230 – 1330 | Lunch (Pick up Lunchbox at *EXH)                     | SR 1-3  |  |
| 1330 – 1410 | Metabolic bone disease                               | LT1     | KS                                       |
| 1410 – 1430 | Neurophysiology                                      |         | CL                                       |
| 1430 - 1510 | Prosthetics and orthotics                            |         | CL                                       |
| 1510 – 1530 | Coffee break   | Foyer 1 |  |
| 1530 – 1600 | Bone scan / Nuclear Imaging                          | LT1     | СТ                                       |
| 1600 – 1630 | Intervertebral disc structure and function           | LT1     | PK                                       |
| 1630 – 1640 | Evaluation   | LT1     | MF                                       |
| 1640 – 1800 | Practice vivas<br>(divided into 3 groups)            | SR 1-3  | Whole faculty A: PK KY B: AC CL C: VM CY |

**SR 1-3**: Seminar Rooms 1-3, G/F, Laboratory Block, Faculty of Medicine Building

**LT 1**: Lecture Theatre 1, G/F Cheung Kung Hai Conference Centre, William MW Mong Block

**Foyer 1**: G/F Cheung Kung Hai Conference Centre, William MW Mong Block

**EXH:** Exhibition Area, G/F, Laboratory Block, Faculty of Medicine Building

### **FACULTY**

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VM:

KS: Kevin **SHERMAN** AC: Amy **CHEUNG** CF: Christian **FANG** MF: FOK Margaret HF: FU Henry PK: Paul **KOLJONEN** EK: Evelyn KUONG KK: Kenny **KWAN** CL: Chor Yin LAM KH: Ka Hei LEUNG KC: Kin Cheung MAK  $\mathsf{CT}$ Chi Him **TONG** JW Janus WONG RY: Raymond YAU DY Dennis Yee KY: Kelvin YEUNG

MAHADEVAN

### 21 Sassoon Road

