

The background of the slide features a large, white, marble Merlion statue in Singapore, which is a lion's head and a fish's tail. The statue is positioned on the left side of the frame, looking towards the right. In the background, a tall, modern skyscraper is visible against a clear blue sky. The entire scene is framed by a dark blue border.

THE SINGAPORE BASIC SCIENCE FRCS (ORTH) COURSE 2014

28th – 29th March 2014
at Tan Tock Seng Hospital, Singapore

Convenors



Dr. Gowreeson Thevendran MFSEM(UK), FRCS.Ed(Tr&Orth)
Tan Tock Seng Hospital

and



Dr. Suheal Khan FRCS (Tr&Orth)
Khoo Teck Puat Hospital

Suitable for candidates appearing for the FRCS (Orth) exam or equivalent
Residents / Registrars in training Years 1 – 4

Candidates are encouraged to apply early as places are limited. Kindly complete the
online registration form and return to the course secretary to confirm placement.

Course Fee : SGD \$500 (for the lectures & practice viva sessions)
SGD \$250 (for lectures only – surgeons wishing to refresh their knowledge)

PROGRAMME

| DAY 1 | FRIDAY MARCH 28TH 2014 | LECTURER |
|------------------|--|----------------------|
| 8.00 – 8.20 am | Coffee and Registration | |
| 8.20 – 8.30 am | Introduction and Welcome | Gowreeson Thevendran |
| 8.30 – 9.00 am | The Examiner's Guide to Tackling Vivas | Vikas Khanduja |
| 9.00 – 9.20 am | The Candidate's View of the Exam | Ivan Chua |
| 9.20 – 9.45 am | Nerve and Nerve Conduction Studies | Yong Fok Chuan |
| 9.45 – 10.10 am | Metabolic Bone Disease | Ernest Kwek |
| 10.10 – 10.35 am | Gait | Fergal Monsell |
| 10.35 – 10.55 am | Genetics | Fergal Monsell |
| 10.55 – 11.10 am | Coffee Break | |
| 11.10 – 11.35 am | Orthopaedic Oncology | Matthew Cheng |
| 11.35 – 12.00 pm | Bone Structure and Bone Healing | Suheal Khan |
| 12.00 – 12.25 pm | Biomechanics – Fracture Fixation | Ganesan Naidu |
| 12.25 – 12.50 pm | Spine – Basic Science & Biomechanics | Leslie Ng |
| 12.50 – 1.15 pm | Bone Dysplasias | Fergal Monsell |
| 1.15 – 1.50 pm | Lunch | |

| | | |
|----------------|--|--|
| 1.50 – 2.20 pm | Demonstration of Mock Viva Session | Vikas Khanduja / Gowreeson Thevendran |
| 2.20 – 2.45 pm | Biomaterial Behaviour and Biomaterials in Arthroplasty | Vikas Khanduja |
| 2.45 – 3.10 pm | Statistics | Fergal Monsell |
| 3.15 – 6.15 pm | Viva Practice (8 groups – 25 mins each) | Faculty |
| | COURSE DINNER | |

| DAY 2 SATURDAY MARCH 29TH 2014 | | LECTURER |
|---------------------------------------|--|-----------------------|
| 8.00 – 8.25 am | Basic Biomechanics | Hitendra Doshi |
| 8.25 – 8.50 am | Biomechanics of the Knee | Eu Gin Lee |
| 8.50 – 9.15 am | Tribology and Corrosion | Vikas Khanduja |
| 9.15 – 9.40 am | Limb Development and Growth Plate | Fergal Monsell |
| 9.40 – 10.00 am | Coffee Break | |
| 10.00 – 10.25 am | Articular Cartilage and Meniscus | Andy Wee |
| 10.25 – 10.50 am | Musculoskeletal Imaging | Chee Yu Han |
| 10.50 – 11.15 am | Designing & Conducting Clinical Trials in Orthopaedics | Vaikunthan Rajaratnam |
| 11.15 – 11.40 am | Orthotics & Foot & Ankle Biomechanics | Jeffrey Tan |
| 11.40 – 12.05 pm | Prosthetics | K Kannan |
| 12.05 – 12.30 pm | Biomechanics of the Hip | Sathappan |

| | | |
|-----------------|--|----------------|
| 12.30 - 1.10 pm | Lunch | |
| 1.10 - 1.35 pm | Muscle | Teoh Lam Chuan |
| 1.35 - 2.00 pm | Infection & Operating Room Design | Vikas Khanduja |
| 2.00 - 2.25 pm | Biomechanics of TKR | Eu Gin Lee |
| 2.25 - 2.50 pm | Biomechanics of THR | Dr T Chin |
| 2.50 - 3.00 pm | Coffee Break | |
| 3.00 - 6.00 pm | Viva Practice (8 groups- 25 mins each) | Faculty |