

MRCs Part A Course: Basic Sciences and Clinical Application

(Anatomy, Physiology, Pathology, Microbiology, Principles of Surgery and Clinical Topics)

11th and 12th March 2017

International Institute for Medical Education, Doctors Academy, St Michael's Centre, Cardiff

Course Programme

Day 1

SURGICAL PATHOLOGY, PRINCIPLES OF SURGERY AND APPLIED SURGICAL SCIENCES

0930 - 0945	Registration and Coffee
0945 - 1000	Format of MRCs Exam and Preparation
1000 - 1045	Management of Trauma
1045 - 1115	Pre-operative assessment
1115 - 1145	Post-operative management
1145 - 1215	Fundamentals of wound healing
1215 - 1230	Principles of Local Anaesthetics
1230 - 1245	Sutures, needles and suture materials
1245 - 1300	Lumps and benign lesions

1300 - 1340

Lunch

1345 - 1415	Management of burns
1415 - 1500	Tumours of colon, prostate, thyroid and breast
1500 - 1530	Skin cancers including melanoma

1530 - 1550

Break for refreshments

1550 - 1640	Ulcers, vascular pathology, thrombus and embolus
1640 - 1720	Management of Head Injury
1720 - 1820	Cardiovascular and Respiratory Critical care physiology
1820 - 1830	Summary
1830	End of Course

Day 2

SURGICAL AND APPLIED ANATOMY (AND RELEVANT PATHOLOGY), AND MICROBIOLOGY

0845	Registration and Introduction to Day 2
0900 - 0930	Assessment and mock exam
0930 - 1030	Brachial plexus, arm, shoulder, scapula, back and rotator cuff (includes upper limb nerve injuries, palsies and shoulder pathologies)
1030 - 1100	Cubital fossa, forearm, flexor retinaculum and hand (includes carpal tunnel syndrome, ulnar nerve palsies, hand pathologies)
1100 - 1120	Break for refreshments
1120 - 1145	Neck
1145 - 1215	Scalp and face
1215 - 1300	Mediastinum, Heart, Lungs and Diaphragm
1300 - 1340	Lunch
1340 - 1410	Microbiology essentials for MRCS A
1410 - 1440	Thoracic wall; Vascular anatomy of thorax, head and neck and thorax (includes vascular access and chest drain insertion)
1440 - 1530	Transpyloric plane, anterior abdominal wall and inguinal region (includes hernia)
1530 - 1550	Break for refreshments
1550 - 1630	Abdominal and pelvic anatomy (includes bowel pathologies and segmental bowel resections)
1630 - 1700	Lumbar and lumbosacral plexus
1700 - 1745	Femoral triangle, thigh, popliteal fossa; Lower leg, ankle and foot (includes lower limb nerve injuries, palsies, compartment syndrome and ankle injuries)
1745 - 1815	Questions and Clarifications
1815 - 1830	Exam preparation timetable and Tips
1830	End of Course