Dubai UAE: MRCS Part B OSCE International Course

Feedback - February 2017
Dubai UAE: MRCS Part B OSCE
International Course

This course is suitable for candidates appearing for the Intercollegiate MRCS Part B (OSCE Exam) that is conducted by the three Royal College of Surgeons in the United Kingdom (England, Edinburgh and Glasgow) and separately by the Royal College of Surgeons of Ireland. The course is structured to cover as many as 16 out of the 18 OSCE stations in the exam.

**Applied Basic Sciences for MRCS Part B OSCE**

Days 1 and 2 will provide the candidates with a sound understanding of applied surgical anatomy, surgical pathology, applied pharmacology and microbiology, and a good working knowledge of general physiological principles/critical care and their application to surgical practice. Due to the large number of topics that will be covered, the day will be intense and the candidates will be expected to have revised basic science topics within a month of attendance in this course. This day will cover 8 out of 18 OSCE stations in the exam covering the ‘Clinical Knowledge and Its Application’ component.

**Clinical Examination for MRCS Part B/OSCE**

Day 3 will consolidate the trainee’s understanding of the clinical consultation skills component of the exam, and aid the trainee’s ability to perform clinical examinations efficiently and present the findings to the examiner in a systematic yet concise manner. This day will cover approximately 4 out of 18 stations in the exam covering the ‘Clinical and Physical Examination’ component.

**Communication Skills for MRCS Part B/OSCE**

Day 4 will cover structured interviews, information giving, information gathering, breaking bad news and consenting for operations/procedures. Patient-centered clinical scenarios will be used to reflect the situations in everyday practice; these scenarios will also be in line with the scenarios commonly tested in the exam. There will be opportunity for every participant to engage in a number of role-play scenarios. This day will cover approximately 4 out of 18 stations in the exam covering the ‘Communication Skills’ component (that includes giving and receiving information; history taking).

Candidates attending this course will receive full access to MRCS Part B online educational resources from www.doctorexams.co.uk for a 4 month period. This resource contains a number of OSCE questions in anatomy, pathology and physiology for practice. It also contains information on clinical and procedural skills, and clinical examination. In addition, they will also receive full access to all presentations via a secure, online link. All these benefits and privileges are included within the course fee.
# Course Programme

## Day 1: SURGICAL AND APPLIED ANATOMY (AND RELEVANT PATHOLOGY)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>0830</td>
<td>Registration and Coffee</td>
</tr>
<tr>
<td>0850</td>
<td>Introduction to the course</td>
</tr>
<tr>
<td>0900</td>
<td>Pre-course assessment</td>
</tr>
<tr>
<td>0940</td>
<td>Brachial plexus, arm, shoulder, scapula, back and rotator cuï (includes upper limb nerve injuries, palsies and shoulder pathologies)</td>
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<tr>
<td>1030</td>
<td>Cubital fossa, forearm, flexor retinaculum and hand (includes carpal tunnel syndrome, ulnar nerve palsies, hand pathologies)</td>
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<tr>
<td>1100</td>
<td><strong>Break for refreshments</strong></td>
</tr>
<tr>
<td>1120</td>
<td>Neck</td>
</tr>
<tr>
<td>1145</td>
<td>Scalp and face</td>
</tr>
<tr>
<td>1215</td>
<td>Mediastinum, Heart, Lungs and Diaphragm</td>
</tr>
<tr>
<td>1300</td>
<td><strong>Lunch</strong></td>
</tr>
<tr>
<td>1400</td>
<td>Thoracic wall; Vascular anatomy of thorax, head and neck and thorax (includes vascular access and chest drain insertion)</td>
</tr>
<tr>
<td>1430</td>
<td>Transpyloric plane, anterior abdominal wall and inguinal region (includes hernia)</td>
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<tr>
<td>1530</td>
<td><strong>Break for refreshments</strong></td>
</tr>
<tr>
<td>1600</td>
<td>Abdominal and pelvic anatomy (includes bowel pathologies and segmental bowel resections)</td>
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<tr>
<td>1630</td>
<td>Lumbar and lumbosacral plexus</td>
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<tr>
<td>1700</td>
<td>Femoral triangle, thigh, popliteal fossa; Lower leg, ankle and foot (includes lower limb nerve injuries, palsies, compartment syndrome and ankle injuries)</td>
</tr>
<tr>
<td>1730</td>
<td>Summary and Feedback</td>
</tr>
<tr>
<td>1800</td>
<td>End of Course</td>
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</tbody>
</table>
# Course Programme

**DAY 2: SURGICAL PATHOLOGY, PRINCIPLES OF SURGERY AND APPLIED SURGICAL SCIENCES**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</thead>
<tbody>
<tr>
<td>0830 – 0850</td>
<td>Registration and Coffee</td>
</tr>
<tr>
<td>0850 – 0900</td>
<td>Introduction to the day</td>
</tr>
<tr>
<td>0900 – 0930</td>
<td>Pre-operative assessment</td>
</tr>
<tr>
<td>0930 – 1000</td>
<td>Post-operative management</td>
</tr>
<tr>
<td>1000 – 1045</td>
<td>Management of Trauma</td>
</tr>
<tr>
<td><strong>1045 – 1115</strong></td>
<td><strong>Break for refreshments</strong></td>
</tr>
<tr>
<td>1115 – 1150</td>
<td>Management of burns</td>
</tr>
<tr>
<td>1150 – 1215</td>
<td>Fundamentals of wound healing</td>
</tr>
<tr>
<td>1215 – 1230</td>
<td>Principles of Local Anaesthetics</td>
</tr>
<tr>
<td>1230 – 1245</td>
<td>Sutures, needles and suture materials</td>
</tr>
<tr>
<td>1245 – 1300</td>
<td>Lumps and benign lesions</td>
</tr>
<tr>
<td><strong>1300 – 1400</strong></td>
<td><strong>Lunch</strong></td>
</tr>
<tr>
<td>1400 – 1500</td>
<td>Tumours of colon, prostate, thyroid and breast</td>
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<tr>
<td>1500 – 1530</td>
<td>Skin cancers including melanoma</td>
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<tr>
<td>1530 – 1600</td>
<td>Ulcers, vascular pathology, thrombus and embolus</td>
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<tr>
<td><strong>1600 – 1620</strong></td>
<td><strong>Break for refreshments</strong></td>
</tr>
<tr>
<td>1620 – 1700</td>
<td>Management of Head Injury</td>
</tr>
<tr>
<td>1700 – 1800</td>
<td>Critical care physiology</td>
</tr>
<tr>
<td>1800 – 1815</td>
<td>Summary and Feedback</td>
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Course Programme

Day 3: CLINICAL EXAMINATION TOPICS

Forenoon (0845 – 1300):

• Examination of abdomen and abdominal organs
• Examination of inguinal hernia and scrotal swellings
• Examination of varicose veins
• Examination of leg ulcers
• Examination of peripheral vascular disease

Afternoon (1400 – 1730):

• Examination of lymph nodes and neck swellings
• Examination of breast and breast lumps
• Examination of hip
• Examination of knee
• Examination of shoulder
• Examination of back
• Examination of the brachial plexus and hand

1730 – 1745 Feedback and Close
Course Programme

Day 4: COMMUNICATION SKILLS, CRITICAL CARE & SURGICAL PATHOLOGY

Forenoon (0845 – 1300):

• Information giving and information gathering
• Challenging situation/patient
• Difficult consultation
• Cancelled operation
• Breaking bad news
• Explaining a diagnosis or discussing management options
• Management of sepsis and septic shock
• Burns: Assessment, pathophysiology and principles of management

Afternoon (1400 – 1730):

• Consenting for:
  o Colonoscopy
  o Laparotomy for acute abdomen
  o Hartmann’s procedure
  o Stoma formation
  o Embolectomy
  o Amputation
  o Mastectomy and reconstructive options
  o AAA repair
• Telephone communication
• Applied critical care physiology during the peri-operative period
• Surgical Pathology
• Clinical scenarios and tips on OSCE/viva

1730 – 1745  Feedback and Close
Overall Teaching Feedback

How was the content of the course?
- Excellent: 88%
- Good: 12%

How were the clarity of lectures?
- Excellent: 63%
- Good: 37%

If you have done the exam, how was the relevance of the course to your exam?
- Excellent: 96%
- Good: 4%

How would you rate the general academic standard of the lecturer?
- Excellent: 75%
- Good: 25%

How would you rate the performance of the simulated patients (actors)?
- Excellent: 87%
- Good: 13%

Brachial Plexus, Arm, Shoulder, Scapula, Back
- Excellent: 79%
- Good: 21%
Overall Teaching Feedback

- **Cubital Fossa, Forearm, Hand**
  - Excellent: 62%
  - Good: 38%

- **Neck**
  - Excellent: 88%
  - Good: 12%

- **Scalp and Face**
  - Excellent: 93%
  - Good: 7%

- **Mediastinum, Heart, Lungs and Diaphragm**
  - Excellent: 97%
  - Good: 3%

- **Thoracic Wall**
  - Excellent: 84%
  - Good: 16%

- **Vascular Anatomy**
  - Excellent: 87%
  - Good: 13%
Overall Teaching Feedback

- **Anterior Abdominal Wall/Inguinal Region**
  - Excellent: 75%
  - Good: 25%

- **Abdominal Anatomy**
  - Excellent: 87%
  - Good: 13%

- **Lumbar and Lumbosacral Plexus**
  - Excellent: 62%
  - Good: 38%

- **Femoral Triangle, Thigh, Popliteal Fossa**
  - Excellent: 91%
  - Good: 9%

- **Lower Leg, Ankle and Foot**
  - Excellent: 81%
  - Good: 19%

- **HPB and Upper GI Surgery**
  - Excellent: 88%
  - Good: 12%
Overall Teaching Feedback

Lower GI Surgery

- Excellent: 94%
- Good: 6%

Colectomies and Stoma

- Excellent: 89%
- Good: 11%

Management of Burns

- Excellent: 35%
- Good: 65%

Physiology Topics

- Excellent: 87%
- Good: 13%

Malignant Melanoma

- Excellent: 12%
- Good: 88%

Fractures/Neck of Femur Fracture

- Excellent: 12%
- Good: 88%
Overall Teaching Feedback

- **Basic Pathology**
  - Excellent: 75%
  - Good: 25%

- **Local Anaesthesia**
  - Excellent: 77%
  - Good: 23%

- **Testicular Tumours**
  - Excellent: 75%
  - Good: 25%

- **Bacterial and Antibiotics**
  - Excellent: 74%
  - Good: 26%

- **Microbiology**
  - Excellent: 80%
  - Good: 20%

- **Neurophysiology**
  - Excellent: 90%
  - Good: 10%
Overall Teaching Feedback

- **Ulcers**
  - Excellent: 13%
  - Good: 87%

- **Lumps**
  - Excellent: 12%
  - Good: 88%

- **Pre-operative Assessment and Management**
  - Excellent: 12%
  - Good: 88%

- **Management of Trauma**
  - Excellent: 12%
  - Good: 88%

- **Tips on Communication Skills (Ms Williams)**
  - Excellent: 37%
  - Good: 63%

- **Vascular**
  - Excellent: 12%
  - Good: 88%
Overall Teaching Feedback

- **Knee**
  - Excellent: 87%
  - Good: 13%
  - Neutral: 0%
  - Fair: 0%
  - Poor: 0%

- **Thyroid**
  - Excellent: 76%
  - Good: 24%
  - Neutral: 0%
  - Fair: 0%
  - Poor: 0%

- **Paraplegia**
  - Excellent: 87%
  - Good: 13%
  - Neutral: 0%
  - Fair: 0%
  - Poor: 0%

- **Abdomen**
  - Excellent: 88%
  - Good: 12%
  - Neutral: 0%
  - Fair: 0%
  - Poor: 0%

- **Cranial Nerves**
  - Excellent: 89%
  - Good: 11%
  - Neutral: 0%
  - Fair: 0%
  - Poor: 0%

- **Ethical Issues related to Splenectomy**
  - Excellent: 88%
  - Good: 12%
  - Neutral: 0%
  - Fair: 0%
  - Poor: 0%
Overall Teaching Feedback

Consenting for Lap Cholecystectomy

- Excellent: 56%
- Good: 44%

Consenting for Colonoscopy

- Excellent: 56%
- Good: 44%

Cancelled Operation (Arthroscopy)

- Excellent: 25%
- Good: 75%

Colorectal Cancer (History Taking)

- Excellent: 25%
- Good: 75%

Breast Cancer (History Taking)

- Excellent: 50%
- Good: 50%

Breast Cancer (Breaking Bad News)

- Excellent: 12%
- Good: 88%
Overall Teaching Feedback

Breast Cancer (Management)
- Excellent: 63%
- Good: 37%

Delay in Giving Results (Carcinoid)
- Excellent: 63%
- Good: 37%

Jehovah's Witness
- Excellent: 25%
- Good: 75%

Telephone Conversation
- Excellent: 25%
- Good: 75%

How were the facilities and venue?
- Excellent: 37%
- Good: 63%

How were the refreshments and lunch?
- Excellent: 50%
- Good: 50%
Overall Teaching Feedback

How was the general friendliness of the faculty and organisers?
- Very Friendly: 38%
- Friendly: 62%
- Neutral: 0%
- Not very Friendly: 0%
- Can't comment: 0%

Would you recommend this course to a friend?
- Most Certainly: 25%
- Certainly: 75%
- 0%

Do you think that this course provided good value for money?
- Most Certainly: 50%
- Certainly: 50%
- 0%
Individual Comments

It was a good course, covered most of relevant topics.

AA

Good experience and good exposure before exams.

RP

Very good.

MA

Good.

MR

Teaching and presentation were very good.

NM

Helpful course. It makes me more systematic and organised in study.

IE

It was really good program.

SK
Doctors Academy is an international non-profit organisation which comprises of doctors, dentists and scientists. The aim of the Academy is to disseminate information and facilitate the exchange of medical knowledge between professionals from diverse backgrounds who work in various healthcare settings. In order to achieve this, a diverse range of educational activities are undertaken globally which are further complemented by our publishing house, online resources, and international events and competitions.

Courses (a selection):

**Undergraduate:**
- Final Year Medicine and Surgical Revision Courses
- Training the Clinical Anatomy Trainer
- Clinical Anatomy as Applied to Trauma and Emergency Medicine
- Surgical Anatomy of Important Operative Procedures
- Future Surgeons: Key Skills (RCSEd delivered)
- Structured Introduction to Surgical Skills

**Postgraduate:**
- MRCS Part A and Part B OSCE
- MRCEM Part A
- DOHNS OSCE
- Intercolligate Basic Surgical Skills (RCSEd delivered)
- MRCP PACES
- FRCS (General Surgery) Exit Exam
- Cadaveric Ultrasound-Guided Musculoskeletal Intervention Course
- Ultrasound-Assisted Botulinum Toxin Injection for Neuromuscular Disorders
- Live Advanced Laparoscopic Colorectal Course
- Infant Hip Ultrasound Course for Developmental Dysplasia of the Hip

**Forthcoming Key Events:**
- International Medical Summer School
  Manchester, 31st July to 4th August 2017
- International Academic Research Conference
  Manchester, 5th August 2017
- World University Anatomy Challenge
  Manchester, 4th August 2017

**Online Revision Resources**

DoctorExams consists of thousands of questions with detailed explanations in MCQ, EMQ, SBA and SAQ formats. The questions have been written by the Doctors Academy group of experienced clinicians and clinical academics, with mock exams and feedback on performance included to aid a candidate's focused revision of the given topics. Based on past exams, these questions have been carefully designed to meet the needs of undergraduate students and postgraduate trainees undertaking relevant speciality exams.

**Resources for:**
- Medical Students
- Dental Students
- International Entrance Exams
- General Surgery Exams
- Plastic Surgery Exams
- DOHNS Exam
- MRCS Exams

**Publications**

Publications.doctorsacademy.org

**World Journal of Medical Education & Research**

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