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# Cardiff MRCS OSCE: Surgical Anatomy & Surgical Pathology

Taught by clinical anatomists & consultant surgeons, this intensive two-day revision course was intended to help surgical trainees prepare for the final (OSCE) part of the MRCS exam. The sessions predominantly delivered by small group demonstrations and tutorials using anatomical prosections, relevant pathology, osteology and surface anatomy

This course takes the changes introduced in February 2013 into consideration, and was structured to: consolidate the candidate's core and applied surgical knowledge in anatomy; provide a focused revision of pertinent exam topics in this area, and; aid the candidate's aptitude to answer OSCE stations/viva questions in a systematic yet concise manner.

Interactive lectures in surgical pathology were used in combination with demonstrations on surface anatomy models. The OSCE and mock vivas, are in addition to surgical anatomy (prosections, osteology and the surface anatomy), surgical pathology, critical care and applied physiology, with relevant aspects of radiology also covered. The feedback received from this course was resoundingly positive as usual, with a detailed breakdown provided in this document.

#### **Course Information**

Course date: 16th - 17th January 2015

Venue: **Department of Anatomy** 

**Cardiff University** 

Cardiff, UK

Attendance: **42 Delegates** 

Aimed at: **Delegates looking to take** 

> their membership to the **Royal College of Surgeons**

Part B exam.

£385.00 Course fee:

#### **Teaching format used:**

- Demonstrations using anatomical prosections & cross-sections.
- Small group tutorials in osteology, topographic & surface anatomy.
- Interactive lecture in surgical pathology.
- Surface anatomy demonstration on live volunteer.
- Twenty mock OSCE stations.



Surgical trainees can apply to be sponsored by ASIT to receive a bursary to attend this course.



# Course Programme - Day One

0810 - 0820	Registration
0825 - 0905	Introduction to format of the course & Overview of anatomy relevant to the MRCS OSCE exam
0905 - 0915	Aprons & Formation of groups
0915 - 1250	Delegates are divided into groups & rotated through six stations (30 minutes each) in the dissection room, with a comfort break in between.  - Station 1: Osteology of base of skull - Station 2: Hollow viscera; Small & Large Bowel
	- Station 3: Pelvic bone, Hip joint, Gluteal region & Thigh
1100 - 1120	Break for Refreshments
	<ul> <li>Station 4: Scapula, Clavicle, Humerus, Brachial plexus &amp; Shoulder</li> <li>Station 5: Anterior abdominal wall, Abdominal incisions, Inguinal region &amp; External genitalia</li> </ul>
	- Station 6: Osteology of vertebrae & Back
1250 - 1340	Lunch
1250 - 1340 1340 -1700	Lunch  Delegates are divided into groups & rotated through six stations (30 minutes each) in the dissection room, with a comfort break in between.
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	Lunch  Delegates are divided into groups & rotated through six stations (30 minutes each) in the dissection room, with a comfort break in between.  - Station 1: Mandible, TMJ, Facial Skeleton, Orbit - Station 2: Vascular anatomy
1340 -1700	Lunch  Delegates are divided into groups & rotated through six stations (30 minutes each) in the dissection room, with a comfort break in between.  - Station 1: Mandible, TMJ, Facial Skeleton, Orbit - Station 2: Vascular anatomy - Station 3: Knee, Knee joint, Ankle, Ankle joint & Foot
1340 -1700	Lunch  Delegates are divided into groups & rotated through six stations (30 minutes each) in the dissection room, with a comfort break in between.  Station 1: Mandible, TMJ, Facial Skeleton, Orbit Station 2: Vascular anatomy Station 3: Knee, Knee joint, Ankle, Ankle joint & Foot  Break for Refreshments  Station 4: Forearm & Hand Station 5: Thoracic skeleton, mediastinum (except Heart & Lung) & Upper GI surgery

# Course Programme - Day Two

0745 - 0850	Surface Anatomy for MRCS
0900 - 1250	Delegates are divided into groups & rotated through seven stations (30 minutes each) in the dissection room, with a comfort break in between.  - Station 1: Soft Tissue of face & Neck - Station 2: Pelvis & Perineum - Station 3a: Upper limb - Station 3b: Lower limb

1040 - 1100	Break for Refreshments
	<ul> <li>Station 4: Abdomen</li> <li>Station 5: Heart &amp; Lung</li> <li>Station 6: Solid Organs (Liver, Gall bladder, Pancreas, Spleen)</li> </ul>

1250 - 1330	Lunch
1330 - 1800	Mock Test & Viva / OSCE in the dissection room, with a break in-between.  OSCE Stations:  - Head & Neck - Spine - Thorax - Upper Limb - Abdomen - Pelvis

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1545 -1600	Break for Refreshments
	<ul> <li>Lower Limb</li> <li>Surface Anatomy</li> <li>Osteology</li> <li>Surgical Pathology</li> <li>Critical Care</li> <li>Applied Physiology</li> <li>Radiology</li> </ul>
1800 - 1815	Summary & General Feedback

# **Faculty List**

### Mr Frederick Arce-Vargas, MD PhD MRCS

University College of London

## Mr Mohammed Elmajee, MRCS

Orthopaedic Surgeon Royal Salford Hospital

## Captain Simon Tallowin, MSc MRCSEd

General Duties Medical Officer, Royal Army Medical Corps

#### Ms Shruti Raut, MRCS, CT2

Peterborough City Hospital

### **Ms Tiffany Berrington MRCS**

Neurosurgery ST2 Derriford Hospital

#### **Mr Vishal Kumar**

Trauma and Orthopaedics
Glan Clwyd Hospital

### Mr Aidil Syed, MRCS (Ed)

Cardiothoracic Registrar University Hospital of Wales

#### Sivashankaren Munuswamy

Trainee

#### Mr Waheeb Al-Azzani MRCSEd

CT1, University Hospital of Wales

## **Roop Tandon**

### Mr Kevin Conway, MB BCh, MRCSEd, AFRCS (I), FRCS (Gen Surg), MD

Consultant General/Vascular Surgeion Royal Glamorgan Hospital, Llantrisant

# **Faculty List**

### Mr Tom Combellack MBBCh MEng

Cardiothoracic Surgery ST2 University Hospital of Wales

Mr Hussam Adwan, MBBS, FRCS (Ire), MRCS (Eng), MSc(UCL), PgCrtClinEd(NCU), FHEA University Hospital of Wales

## Mr Rhys Morris, MBBS BSc MSc MRCS

Clinical Lecturer in Trauma Surgery Swansea University/ Morriston Hospital

## Mr Mike Rees, MB BCh, MRCS

Speciality Trainee in Surgery Royal Gwent Hospital, Newport

#### Ms Zaynab Jawad, MS (Cantab), MB BS, MRCS

SpR in General Surgery
All Wales Higher Surgical Training Programme

#### Ms Ana Lopez-Marco

SpR Cardiothoracic Surgery Wales Deanery

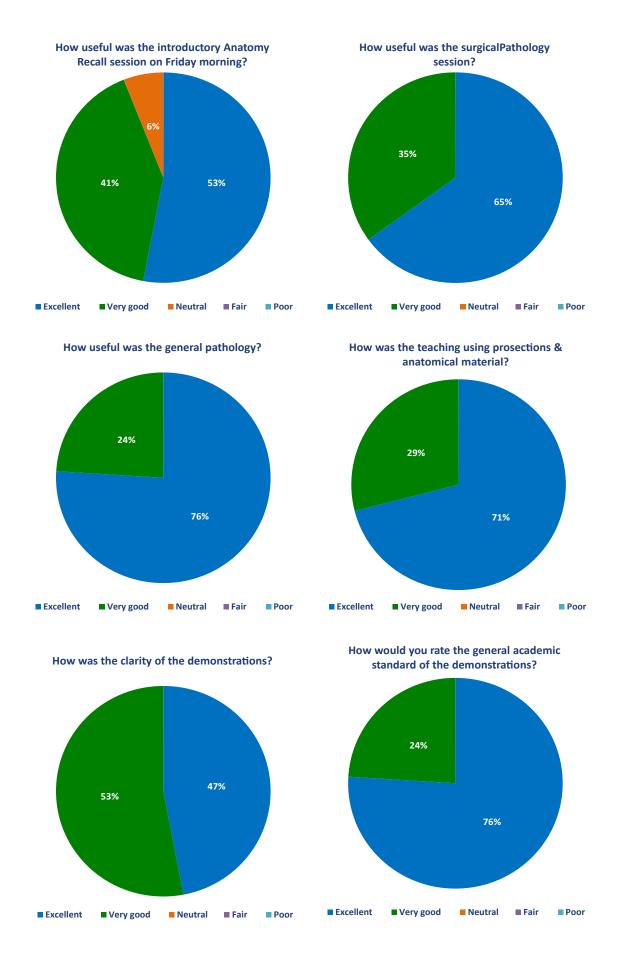
#### **Mr David Chan MRCS**

ST5 General Surgery Nevil Hall Hospital

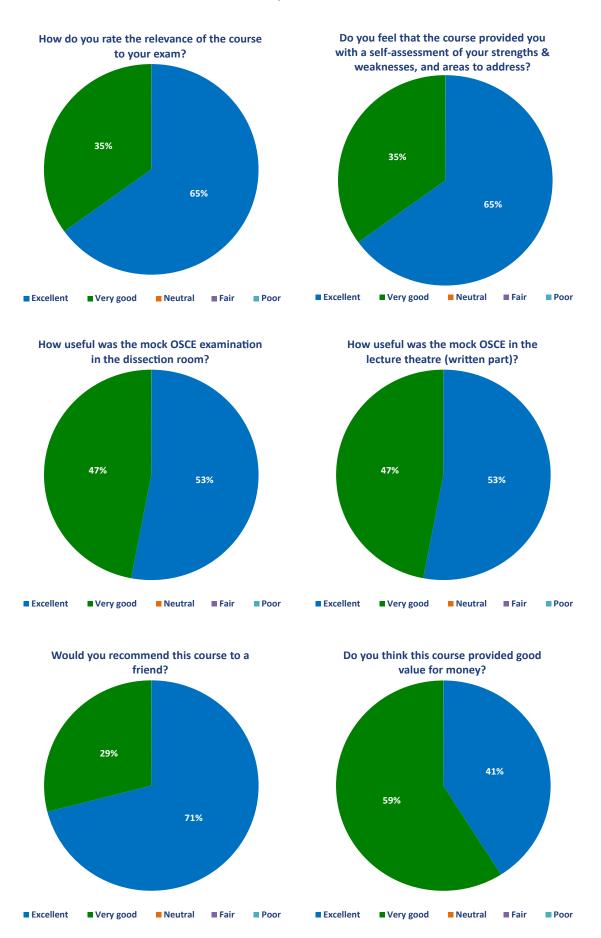
#### Mr Jason Seewoodhary MRCP (London)

Specialist Registrar Internal Medicine Wales Deanery

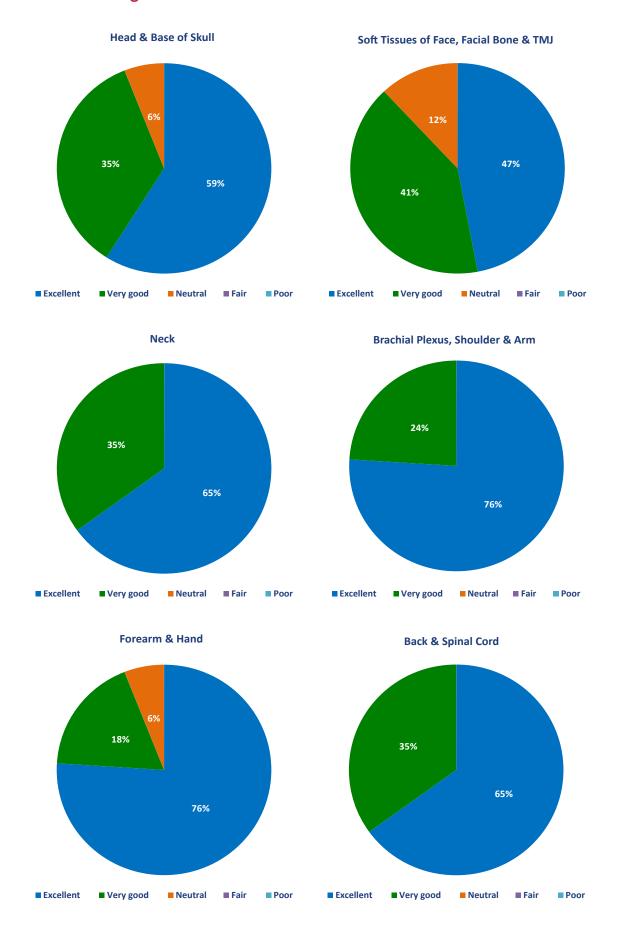
# Overall Course Feedback to the Questions:



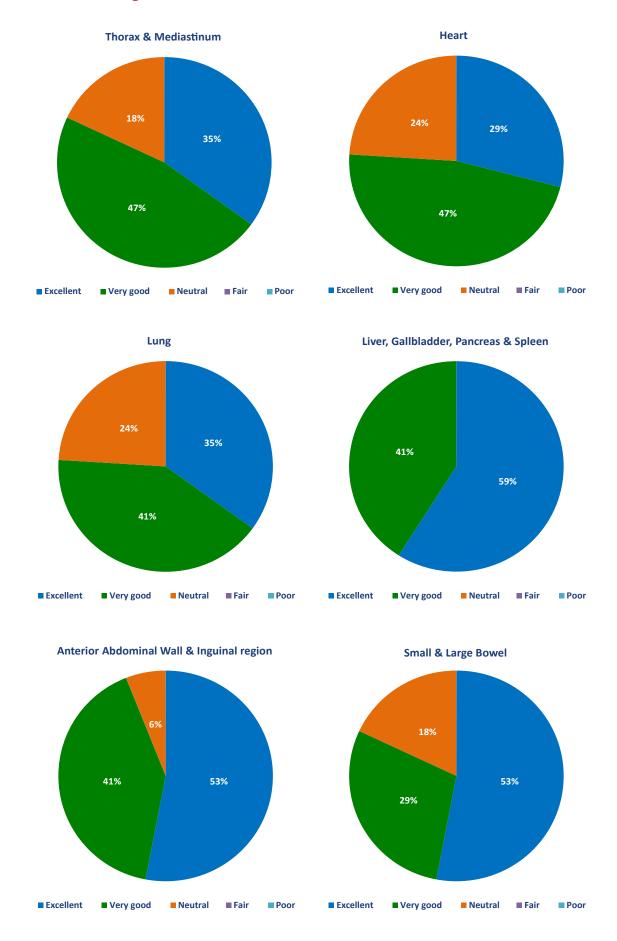
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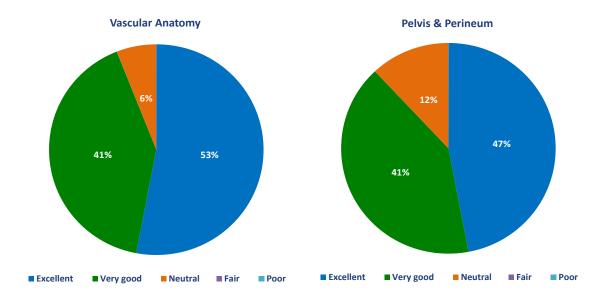
# Overall Teaching Feedback for the Area of:

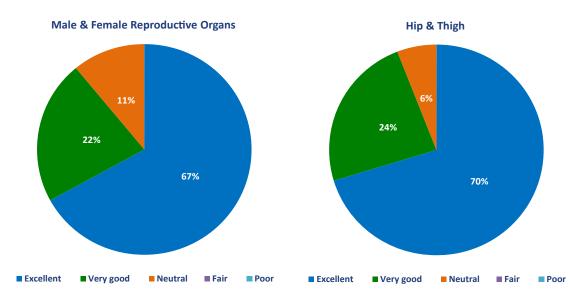


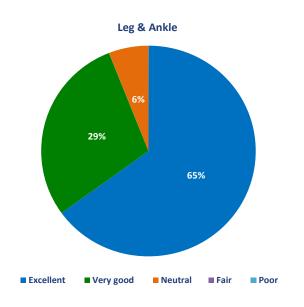
# Overall Teaching Feedback for the Area of:



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### **Individual Comments**

Faultless.

Dr John Mason John Radcliffe Hospital, Oxford, UK

Very good course, well run and structured. Invaluable use of prosecution specimens, not only for MRCS but also of great clinical value.

Mr Peter Deutsch Russells Hall Hospital, Dudley, UK

Well organised, enthusiastic and kind teaching staff. I feel much more confident about sitting the exam now.

Ms Amy Coates Epsom General Hospital, Epsom, UK

Very relevant towards exam, well taught. Focused and concise.

Ms Sieu Ming Ng University Hospital of Wales, Cardiff, UK

Excellent course. Group size was good. On the majority excellent tutors.

Mr James Kennedy Wythenshawe Hospital, Manchester, UK

Good knowledge from the presenters. Certain areas may be improved by adding in top tips on remembering and most likely questions.

Dr Greg McConaghie Kettering General Hospital, Kettering, UK

Anatomy parts were excellent. It would have been useful to cover pathology in the morning rather than leaving it till the end of the day.

Dr Anuja Mitra Chelsea and Westminster Hospital, London, UK It was a nice and useful experience.

Dr M Alabdullah Nottingham City Hospital, Nottingham, UK

Excellent.

Dr Yan Mei Goh Royal Blackburn Hospital, Blackburn, UK

Very good.

Dr Tetyana Myronenko Withybush General Hospital, Haverfordwest, UK





Doctors Academy is an UK-based International Non-Profit Organisation comprising of doctors, dentists and scientists that undertakes a diverse range of educational activities globally. The aim of the Academy is to disseminate information and exchange medical knowledge between professionals from diverse backgrounds working in a variety of healthcare settings. This is achieved by the provision of a number of attendance courses, publishing house, online resources and international events/ 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
- MRCEM Part A
- MRCS Part B OSCE
- DOHNS: Intensive Revision & OSCE
- Intercollegiate Basic Surgical Skills (RCSEd delivered)
- MRCP PACES Part 2
- FRCS (General Surgery) Exit Exam
- Cadaveric Ultrasound-Guided Musculoskeletal Intervention Course
- Ultrasound-Assisted Botulinum Toxin Injection for Neuromuscular Disorders
- Live Advanced Laparoscopic Colorectal Course



### Forthcoming key events:

- International Medical Summer School Manchester, 1st - 5th August 2016
- International Academic and Research Conference Manchester, 6th August 2016
- World University Anatomy Challenge Manchester, 5<sup>th</sup> August 2016

#### **Publications**



## publications.doctorsacademy.org

#### **World Journal of Medical Education & Research**

Peer-reviewed academic journal with ISSN.

No fee to view, read and download articles No subscription charges No submission fees No manuscript processing fee No publishing fee No cost to read, write or publish!

wjmer.co.uk

#### **Online Revision Resources**

DoctorExams consists of 1000s of questions with detailed explanations in MCQ, EMQ, SBA and SAQ formats. Questions are 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 topics. Based on past exams, these questions are carefully crafted to suit the requirements of undergraduate students & postgraduate trainees undertaking relevant speciality exams.

#### Resources for:

- Medical Students

- General Surgery Exams

- Dental Students

- Plastic Surgery Exams

- International Entrance Exams

- DOHNS Exams

- MRCS Exams

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