

**Cardiff MRCS OSCE Course:  
Surgical Anatomy &  
Surgical Pathology**

**Feedback - September 2017**

Affiliated to:



# Cardiff MRCS OSCE: Surgical Anatomy & Surgical Pathology

Taught by clinical anatomists and 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 were predominantly delivered by small group demonstrations and tutorials using anatomical prosections, relevant pathology, osteology and surface anatomy.

This course took into consideration the changes introduced in February 2013 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 ability 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 were 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

<b>Course date:</b>	<b>8<sup>th</sup> and 9<sup>th</sup> September 2017</b>
<b>Venue:</b>	<b>Sir Martin Evans Building University of Cardiff Cardiff, UK</b>
<b>Attendance:</b>	<b>39 Delegates</b>
<b>Aimed at:</b>	<b>Delegates looking to take their membership to the Royal College of Surgeons Part B exam.</b>
<b>Course fee:</b>	<b>£395.00</b>

## Teaching format used:

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



# Course Programme

## Day One

- 0810 - 0820** Registration; E1.03
- 0825** Start of teaching at Anatomy Lecture Theatre (Ground Floor)
- 0825 - 0835** Introduction to the format of the course; venue: Anatomy lecture theatre, School of Biosciences - Professor S Enoch
- 0835 - 0900** Lecture; venue: Anatomy lecture theatre
- Overview of anatomy relevant to MRCS OSCE - Professor S Enoch (25 mins)

### Candidates arrive to Dissection Room at 0900 hours

- 0900 - 0910** Aprons and formation of groups
- 0910 - 1250** (including 20 minute break for refreshments from 1100-1120)

### Small group demonstration (30 minutes per station); venue: Dissection room

- Station 1: Sutures, Vault of the Skull, Dural Partitions, Dural Venous Sinuses, Cranial Fossae, Foramina and Structures Traversing the Foramina
- Station 2: Thoracic Skeleton, Ribs, Sternum, Thorax and Mediastinum (except Heart and Lung)
- Station 3: Scapula, Clavicle, Humerus, Brachial Plexus, Shoulder and Arm
- Station 4: Anterior Abdominal Wall, Abdominal Incisions, Inguinal Region and External Genitalia
- Station 5: Pelvic Bone, Hip Joint, Gluteal Region and Thigh
- Station 6: Pelvis, Renal System, Kidneys and Ureters

**1250 - 1340**

**Lunch break; venue E1.03**



## Course Programme

**1340 - 1700** (including 20 minute break for refreshments from 1510 - 1530):

### Small group demonstration (30 minutes per station); venue: Dissection room

- Station 1: Overview of Autonomous Nervous System, Ganglia in the Head and Neck and Basics of Neuroanatomy
- Station 2: Heart and Lung
- Station 3: Bony boundaries of the Orbit, Temporal bone, Maxilla, Nasal cavity, Lateral wall of Nose, Muscles of Mastication, Mandible, TMJ and Cervical Vertebra
- Station 4: Soft tissues Of the Neck, Larynx, Pharynx, Palate, Floor of Mouth, Tongue
- Station 5: Knee, Knee Joint, Ankle, Ankle Joint and Foot
- Station 6: Perineum; Male and Female Reproductive Organs

**1715 - 1830** Venue - Anatomy LT

- General and System Specific Pathology (75 mins) - Professor S Enoch

**1830** **END OF DAY 1**

# Course Programme

## Day Two

0745 Start of Day

0745 - 0855 Venue: Anatomy lecture theatre

- Surface Anatomy and OSCE Pointers - Professor S Enoch (70 mins)

0900 – 1250 (including break for refreshments from 1040 - 1100):

**Small group demonstration (30 minutes per station); venue: Dissection room**

- Station 1: Revision of Skull, Face and Neck
- Station 2: Spine, Back and Osteology
- Station 3: Liver, Gall Bladder, Pancreas, Spleen and Upper GI pathologies
- Station 4: Hollow Organs of the Abdomen/Colon
- Station 5: Revision of the Lower Limb
- Station 6: Forearm and Hand

1250 - 1330

Lunch Break; venue: C0.12

## Course Programme

1330 – 1800 (with break for refreshments 1540 – 1600):

### MOCK VIVA/OSCE/SPOTTERS/PATHOLOGY

Venue: Dissection room and Anatomy lecture theatre

Coordinator: Professor S Enoch

#### OSCE stations:

- o Head and Neck
- o Spine
- o Thorax
- o Upper limb
- o Abdomen
- o Pelvis
- o Lower limb
- o Surface Anatomy
- o Osteology
- o Surgical pathology
- o Critical Care
- o Applied Physiology
- o Radiology

**1800 - 1830**                      Summary and general feedback

**1830**                                End of Course!

## Faculty List

**Ms Charlotte Leaman BSc, MBBCh, MRCS**

Specialist Registrar in General Surgery  
All Wales Deanery

**Ms Clare Carpenter, BSc (Anat), MB BCh, MRCS (Eng), MD, FRCS (T & O)**

Consultant Paediatric Orthopaedic Surgeon  
University Hospital of Wales, Cardiff

**Mr Dafydd Loughran, MBBCh, MRCS**

Specialist Registrar in Urology  
Morrison Hospital, Swansea

**Mr Edmund Leung, DMedSci, MRCS, FRCS**

Consultant General Surgeon  
Hereford County Hospital

**Mr Joseph Merola, MRCS (Eng)**

Clinical Fellow in Neurosurgery  
University Hospital of Wales

**Ms Katarzyn Konieczny, MD, MRCS, DOHNS**

Speciality Registrar in Otorhinolaryngology  
East Surrey Hospital

**Miss Maria Loredana Popescu, MBBS, MRCP, MRCS**

Specialist Registrar in Trauma and Orthopaedics  
Derriford Hospital, Plymouth Hospitals NHS Trust

**Mr Max Osborne, MBBS, MRCS**

Specialist Registrar in Otorhinolaryngology  
Worcester Royal Hospital

**Mr Nabil Mopuri, MRCS**

Associate Specialist in Plastic Surgery  
Broomfield Hospital, Chelmsford

**Mr Ronak Ved, MBBCh, BSc, MRCS**

Speciality Trainee in Neurosurgery  
University Hospital of Wales

**Professor Stuart Enoch, MBBS, MRCSEd, MRCS (Eng), PGCert (Med Sci), PhD**

Professor, Higher Surgical Education  
Doctors Academy

**Mr Umair Aslam, MRCS**

Specialist Registrar in Cardiothoracic Surgery  
All Wales Deanery

**Mr Vishal Kumar, MBBS, MRCS**

Specialist Registrar in Trauma and Orthopaedics  
Glan Clwyd Hospital

## Faculty List

**Mr Will Coomer, MBChB, MRCS**

Specialist Registrar in Urology  
All Wales Deanery

**Mr Mihir Chandarana, MS, MCh, DNB (Surg Oncol), MRCS**

Speciality Registrar in Oncoplasty  
Royal Stoke University Hospital

**Trainee Tutors**

**Mr Abhinav Singh, BMBS, BSc (Hons), MRCS**

Speciality Trainee in Urology  
Chelsea and Westminster Hospital, London

**Mr Alex Loh, MBChB, MSc, MRCS**

Speciality Trainee in Urology  
Royal Stoke University Hospital

**Miss Cathleen O'Neill, MBBCh, BSc, MSc, MCh, MRCS**

Speciality Trainee in Orthopaedics  
Galway University Hospital, Ireland

**Mr Kumar Kaushik Dash, MBBS, MRCS(Ed)**

Speciality Trainee in Orthopaedics  
Golden Jubilee National Hospital, Clydebank

**Surg Lt R. Llewellyn Thomas, BSc, MBChB, MRCS, RN**

Speciality Trainee in Surgery  
Derriford Hospital, Plymouth

**Mr Musaab Hamdoon, MBBS, MRCS**

Speciality Trainee in Urology  
Addenbrooke's Hospital, Cambridge

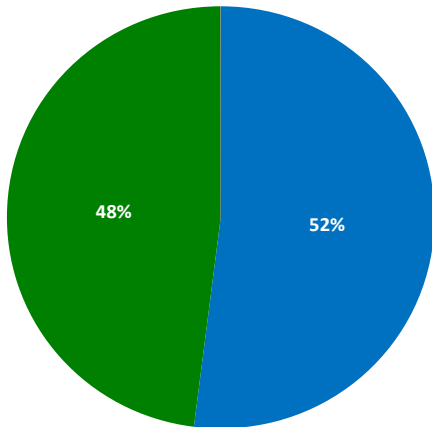
**Surg Lt R. Richard Myatt, BMedSci, BMBS, MRCS(Eng)**

Speciality Trainee in Orthopaedics  
Frimley Park Hospital NHS Foundation Trust



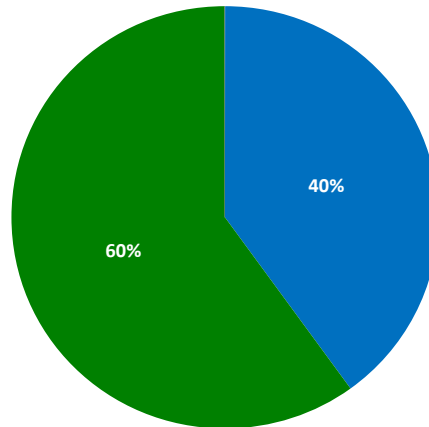
# Overall Teaching Feedback

How useful was the introductory Anatomy session on Friday morning?



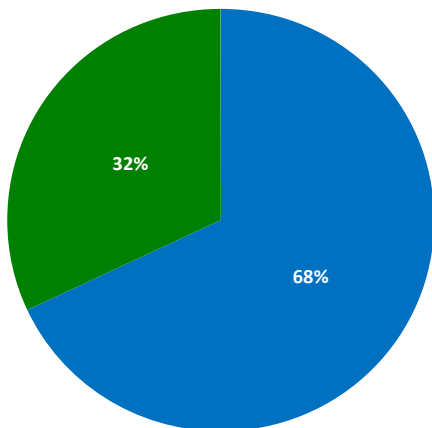
■ Very useful ■ Useful ■ Neutral ■ Limited Usefulness ■ Useless

How useful was the teaching on general pathology and tumours on Friday evening?



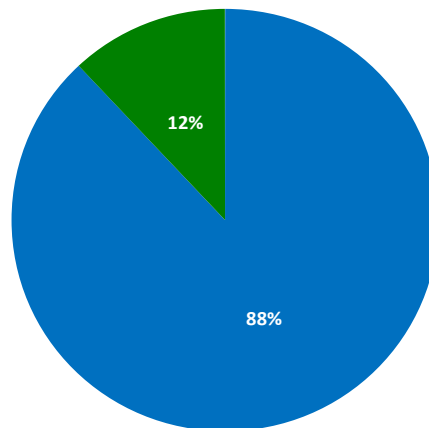
■ Very useful ■ Useful ■ Neutral ■ Limited Usefulness ■ Useless

How useful was the surface and applied anatomy session on Saturday morning?



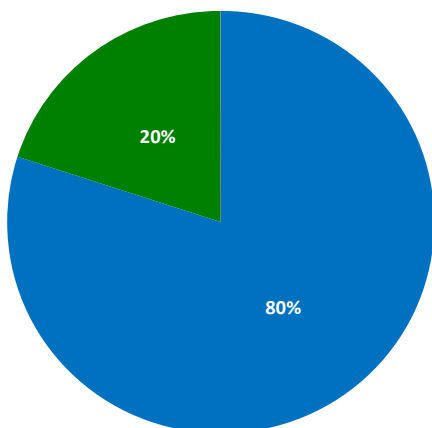
■ Very useful ■ Useful ■ Neutral ■ Limited Usefulness ■ Useless

How was the teaching using prosections and anatomical material?



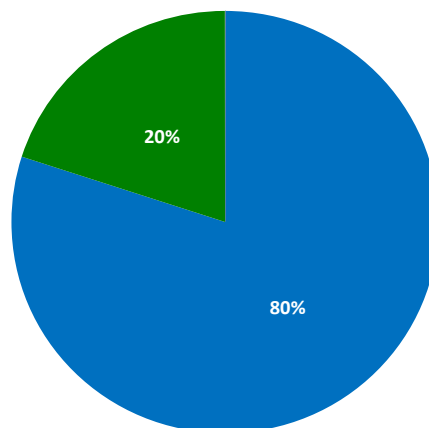
■ Excellent ■ Very Good ■ Neutral ■ Fair ■ Poor

How was the clarity of the demonstrations?



■ Excellent ■ Very Good ■ Neutral ■ Fair ■ Poor

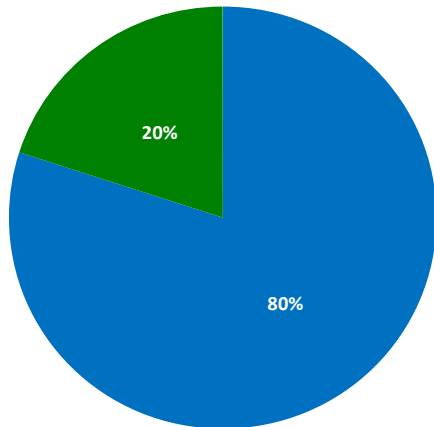
How would you rate the general academic standard of the demonstrators?



■ Excellent ■ Very Good ■ Neutral ■ Fair ■ Poor

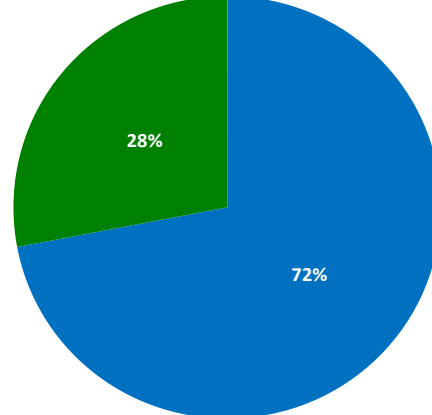
# Overall Teaching Feedback

How do you rate the relevance of the course to your exam?



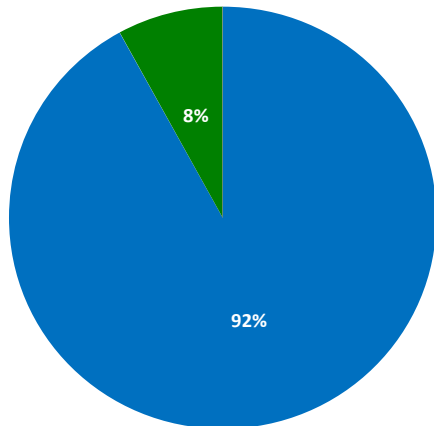
■ Excellent ■ Very Good ■ Neutral ■ Fair ■ Poor

Do you feel that the course provided you with a self-assessment of your strengths and weaknesses, and areas you need to read/brush up on?



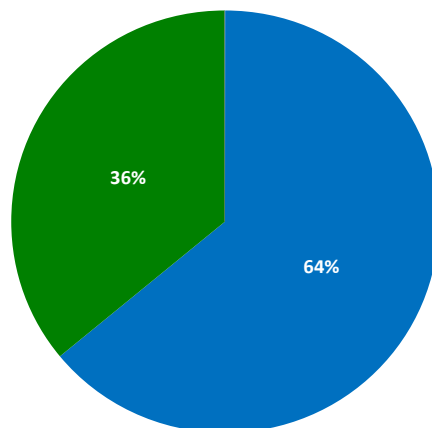
■ Most certainly ■ Certainly ■ Neutral ■ Probably ■ No way

How useful was the mock OSCE examination in the dissection room?



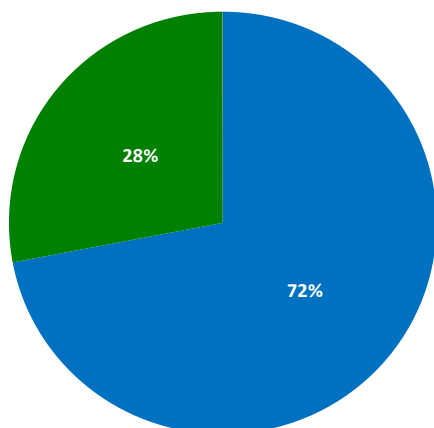
■ Very useful ■ Useful ■ Neutral ■ Limited Usefulness ■ Useless

How useful was the spotter examination in the lecture theatre (Saturday afternoon) and subsequent discussion?



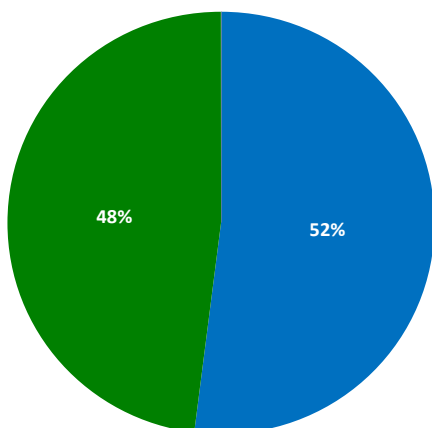
■ Very useful ■ Useful ■ Neutral ■ Limited Usefulness ■ Useless

Head and base of skull



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

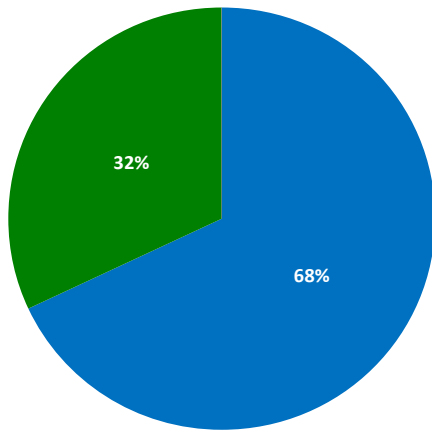
Soft tissue of face, orbit and TMJ



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

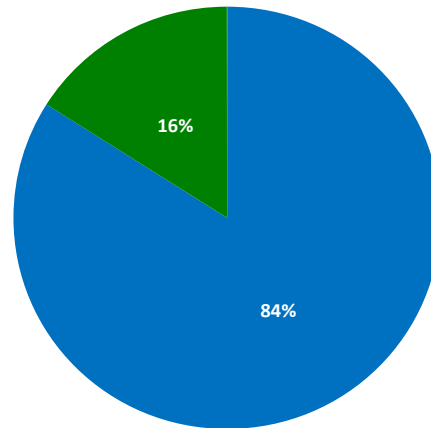
# Overall Teaching Feedback

Neck



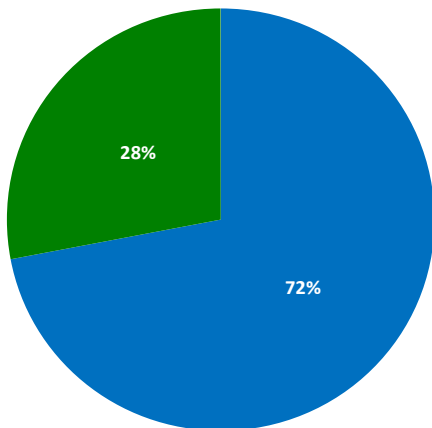
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Brachial plexus, shoulder and arm



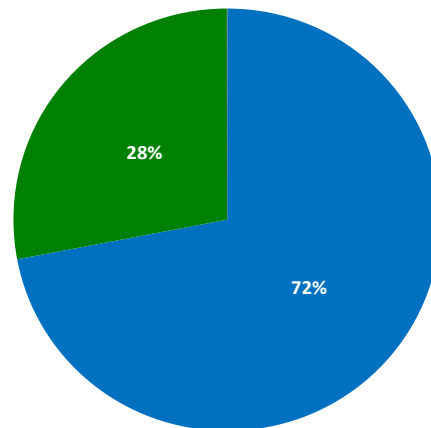
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Forearm and hand



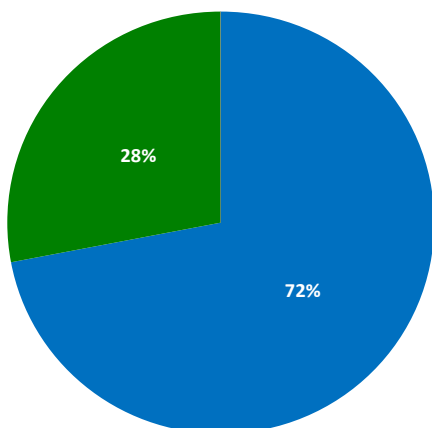
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Vertebrae and Spinal cord



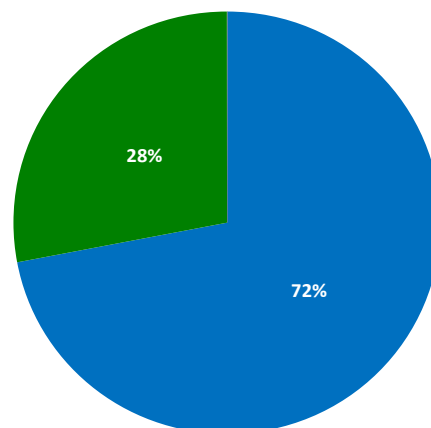
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Thorax and Mediastinum



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

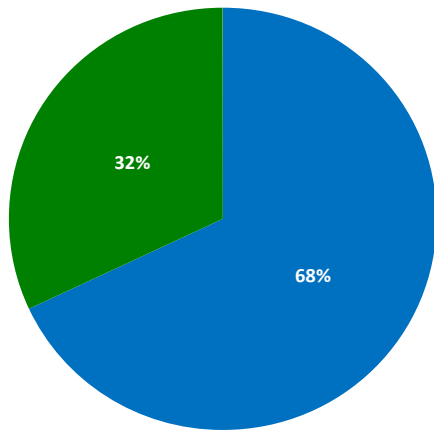
Heart



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

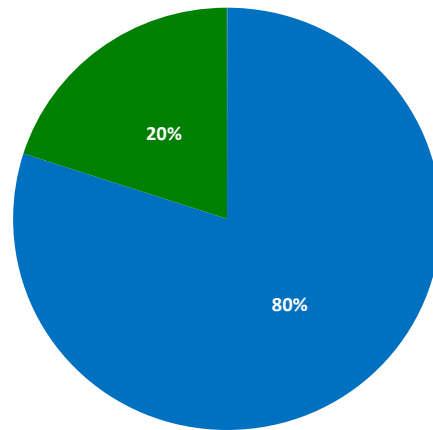
# Overall Teaching Feedback

Lung



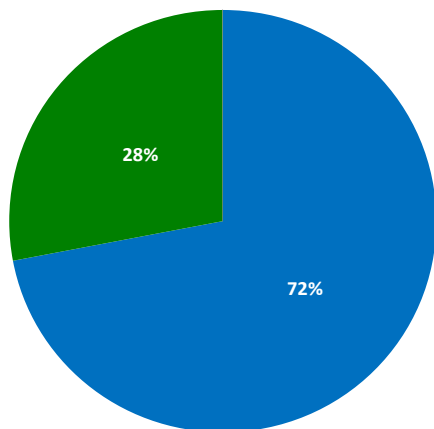
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Liver, GB, Pancreas, Spleen



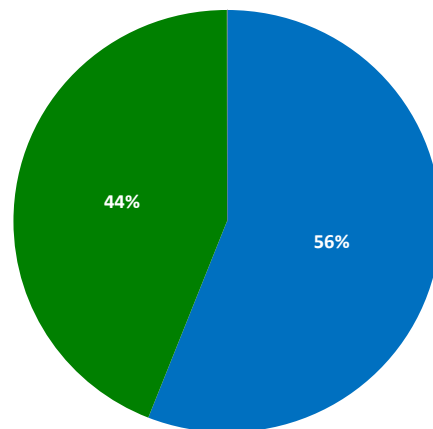
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Anterior abdominal wall and inguinal region



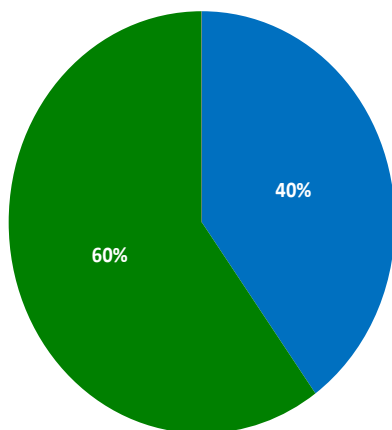
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Small and large bowel



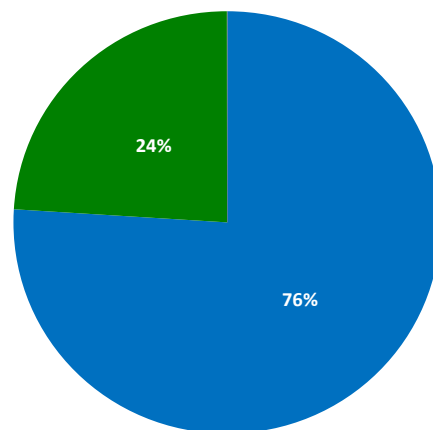
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Pelvis and Perineum



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

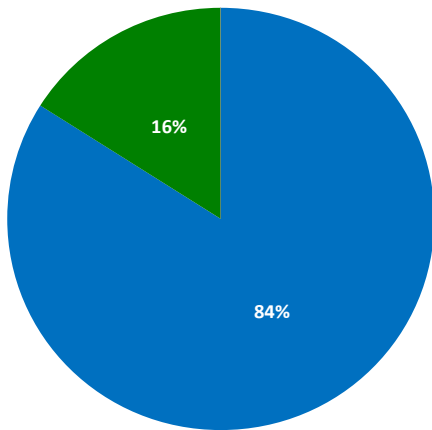
Hip and thigh



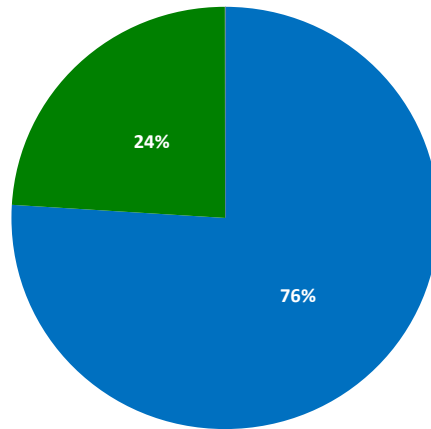
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

# Overall Teaching Feedback

Leg and ankle

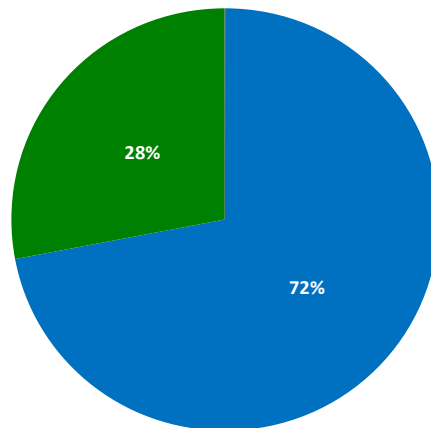


Would you recommend this course to a friend?



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor ■ Most certainly ■ Certainly ■ Neutral ■ May be ■ Don't think so

Do you think that this course provided good value for money?



■ Most certainly ■ Certainly ■ Neutral ■ May be ■ Don't think so

## Individual Comments

Very enthusiastic and learned demonstrators Very beneficial Has increased my confidence and knowledge of anatomy.

**DO**

*Addenbrooke's Hospital, Cambridge*

Very good.

**VM**

*Hull Royal Infirmary, Hull*

Good.

**SP**

*University Hospital of Wales, Cardiff*

Everything was well organised and there was appropriate guidance throughout the course.

**SM**

*Colchester General Hospital, Colchester*

Very good.

**AY**

*Nottingham City Hospital, Nottingham*

Best part of the 5 day course, detailed and feel much more confident.

**JW**

*University Hospital of Wales, Cardiff*

Enthusiastic and knowledgeable tutors.

**MP**

*Western General Hospital, Edinburgh*

Overall it was the best anatomy demonstration course I have ever attended. Great knowledge displayed by the demonstrators.

**JR**

*University Hospital, Coventry*

Good.

**FG**

*Musgrove Park Hospital, Taunton*



## Individual Comments

Fantastic Course. The anatomy was out of this world. If I pass I know it will be because of this course.

**YA**

*John Radcliffe Hospital, Oxford*

Very good. Repetitive teaching to consolidate knowledge.

**MR**

*Wythenshawe Hospital, Manchester*

Excellent opportunity to get hands on experience with cadaveric specimens.

**TH**

*Royal London Hospital, London*

There was a lot of information to take in but it was delivered at an appropriate speed. The prosections were very useful and the course ran very smoothly.

**MK**

*Royal Gwent Hospital, Newport*

I have attended a different very famous anatomy preparation course and this one was way better.

**SA**

*Ysbyty Gwynedd, Bangor*

Useful talks and anatomy demonstrations.

**OJ**

*Royal Cornwall Hospital, Truro*

Very useful course.

**CD**

*Princess Royal Hospital, Haywards Heath*

Great.

**MS**

*International medical center-Jeddah*

Very useful Course all round would recommend. Excellent faculty.

**SW**

*University Hospital, Coventry*

Excellent.

**MR**

*Countess of Chester Hospital, Chester*

## Individual Comments

Excellent course.

**JG**

*Conquest Hospital, St Leonards on Sea*

Well organised and very helpful for my revision especially the osce.

**RW**

*James Paget Hospital, Great Yarmouth*



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## 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, 6<sup>th</sup> to 10<sup>th</sup> August 2018*
- **International Academic and Research Conference**  
*Manchester, 11<sup>th</sup> August 2018*
- **World University Anatomy Challenge**  
*Manchester, 9<sup>th</sup> and 10<sup>th</sup> August 2018*

## Publications



[publications.doctorsacademy.org](http://publications.doctorsacademy.org)

## World Journal of Medical Education & Research



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## 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
- Dental Students
- International Entrance Exams
- MRCS Exams
- General Surgery Exams
- Plastic Surgery Exams
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