

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

Feedback - April 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

Course date:	21st and 22nd April 2017
Venue:	Sir Martin Evans Building University of Cardiff Cardiff, UK
Attendance:	36 Delegates
Aimed at:	Delegates looking to take their membership to the Royal College of Surgeons Part B exam.
Course fee:	£395.00

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

Mr Adam Bennett, BSc, MBBCh, MRCS
Specialist Registrar in Urology
Wales Higher Surgical Training Programme

Dr Alan Watson, BSc, PhD
Reader in Anatomy and Neuroanatomist
University of Cardiff

Mr David Chan, MB BCh (Hons), MRCS (Eng)
Clinical Research Fellow in Upper GI Surgery
University Hospital of Wales, Cardiff

Dr Hannah Shaw
Lecturer in Anatomy
Cardiff University

Mr Kevin Conway, MB BCh, MD, FRCS (Gen Surg)
Consultant Vascular Surgeon
Royal Glamorgan Hospital

Mr Mike Rees, MBChB, MRCS
Specialist Registrar in General Surgery
Wales Higher Surgical Training Programme

Dr Paul Morgan, FRCA
Consultant Intensivist
University Hospital of Wales, Cardiff

Mr Ronak Ved, MB BCh, BSc, MRCS
Speciality Trainee in Neurosurgery
Wales Higher Surgical Training Programme

Mr Tom Combella, MBBCh, MRCS
Speciality Registrar in Cardiothoracic Surgery
Wales Higher Surgical Training Programme

Mr Umair Aslam
Senior Registrar in Cardiothoracic Surgery
University Hospital of Wales, Cardiff

Mr Vishal Kumar, MBBS, MRCS
Specialist Registrar in Trauma and Orthopaedics
Glan Clwyd Hospital

Miss Yan Li Goh, MBChB, MRCS, PG Dip, Clin Ed.
Specialist Registrar in General Surgery
West Midlands Deanery

Faculty List

Trainee Faculty:

Mr Ahmad Adel

Core Trainee in Maxofacial Surgery
West Midlands Deanery

Mr Dinnish Baskaran, MRCS

Specialist Registrar in Orthopaedics
South of England Deanery

Mr Fahad Mahmood, PhD, MRCS

Core Trainee General Surgery
University Hospitals of North Midlands NHS Trust

Mr Kurdi Jalal, MRCS

Speciality Trainee in Surgery

Miss Maria Loredana Popescu, MRCS

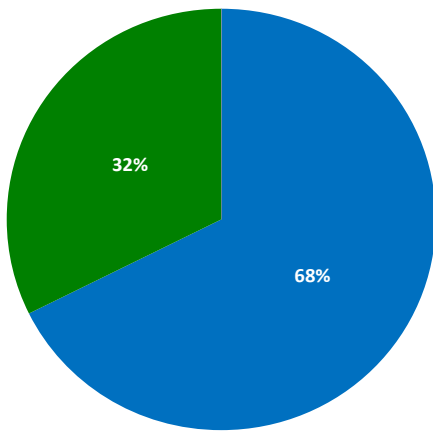
Specialist Registrar in Trauma and Orthopaedics
Plymouth Hospitals NHS Trust

Mr Mina Derias, MRCS

Specialist Registrar in Orthopaedics
South of England Deanery

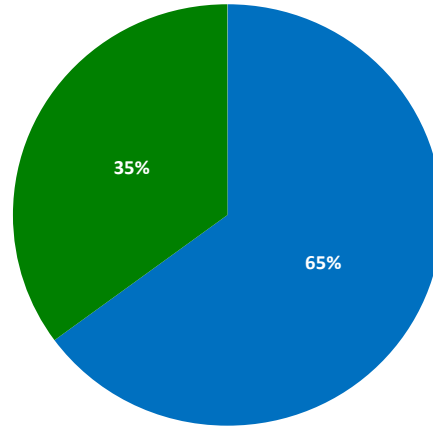
Overall Teaching Feedback

How useful was the introductory anatomy session on Friday morning?



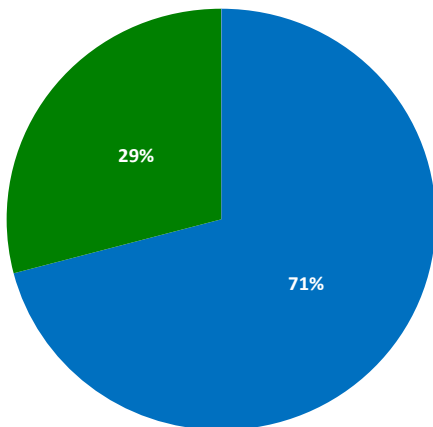
■ Very Useful ■ Useful ■ Neutral ■ Limited Usefulness ■ Useless

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



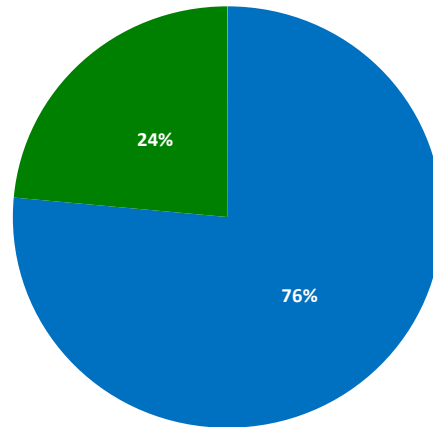
■ Very Useful ■ Useful ■ Neutral ■ Limited Usefulness ■ Useless

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



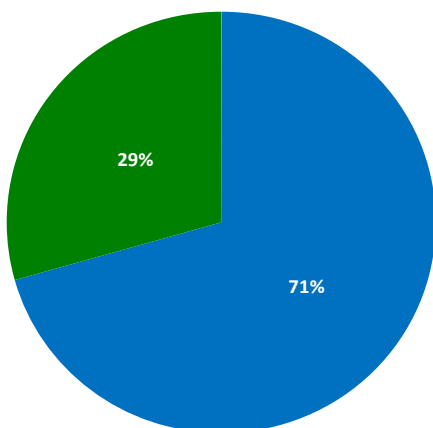
■ Very Useful ■ Useful ■ Neutral ■ Limited Usefulness ■ Useless

How was the teaching using prosections and anatomical material?



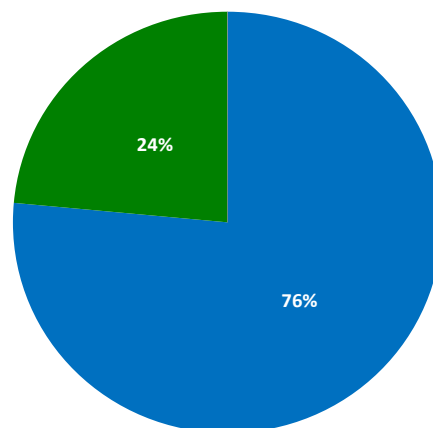
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

How was the clarity of the demonstrations?



■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

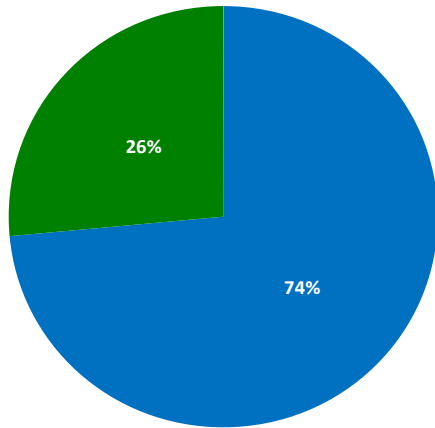
How would you rate the general academic standard of the demonstrators?



■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

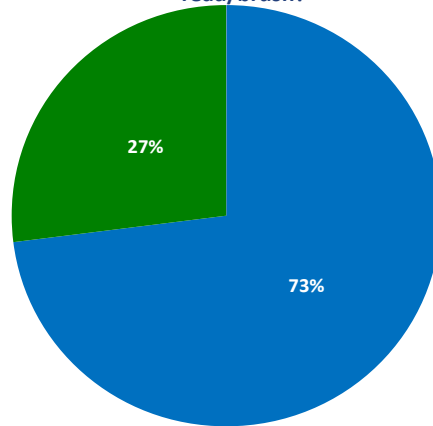
Overall Teaching Feedback

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



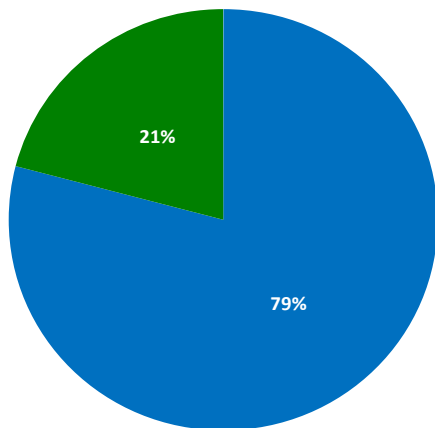
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

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



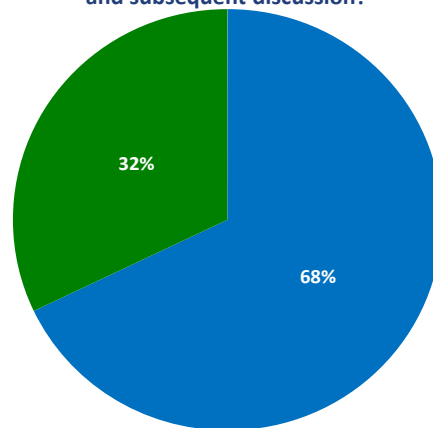
■ Most Certainly ■ Certainly ■ Neutral ■ Probably ■ No way

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



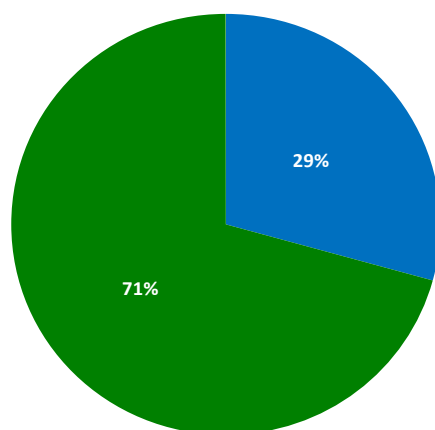
■ Very Useful ■ Useful ■ Neutral ■ Limited Usefulness ■ Useless

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



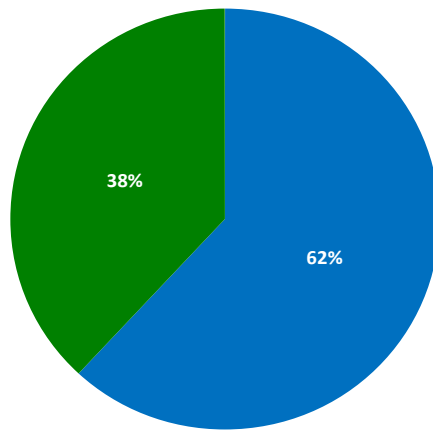
■ Very Useful ■ Useful ■ Neutral ■ Limited Usefulness ■ Useless

Autonomous Nervous System



■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

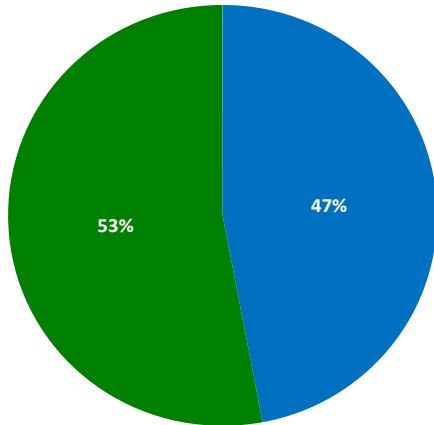
Head and Base of skull



■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

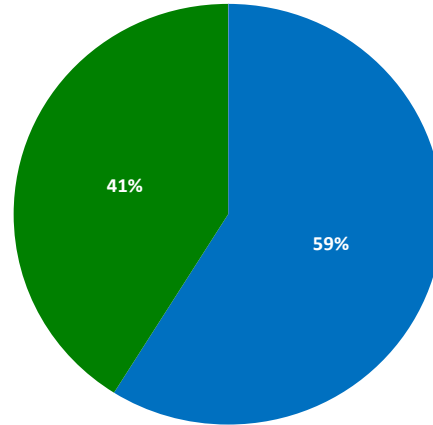
Overall Teaching Feedback

Soft tissue of face, Orbit and TMJ



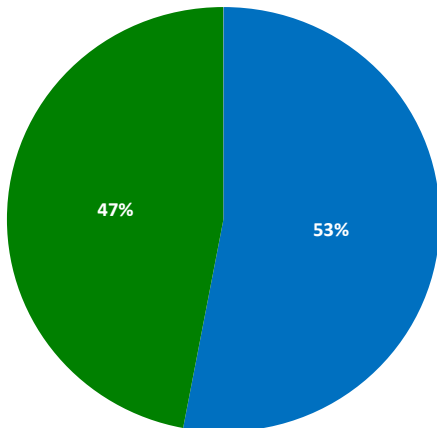
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

Neck



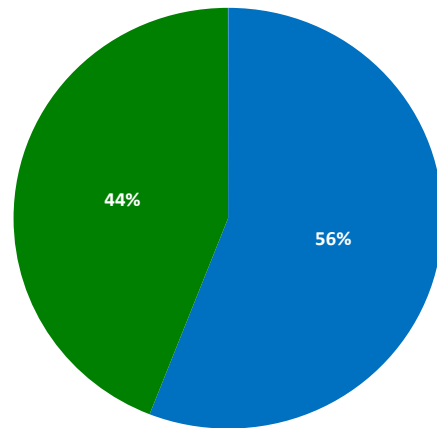
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Brachial Plexus, Shoulder and Arm



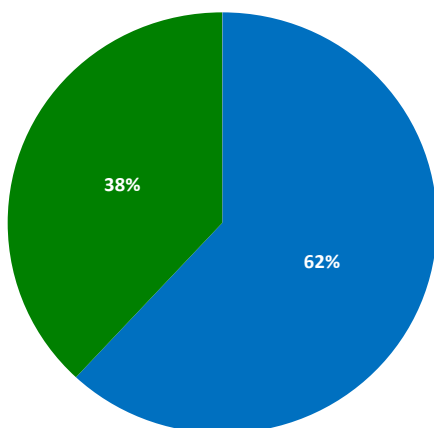
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

Forearm and Hand



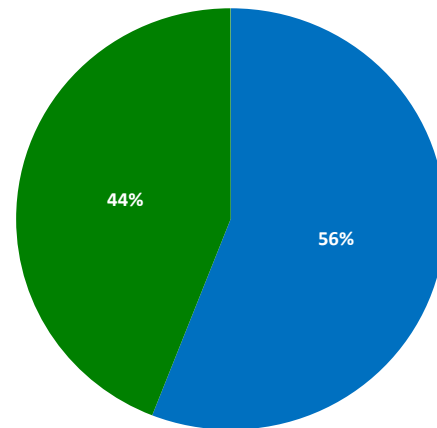
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

Vertebrae and Spinal cord



■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

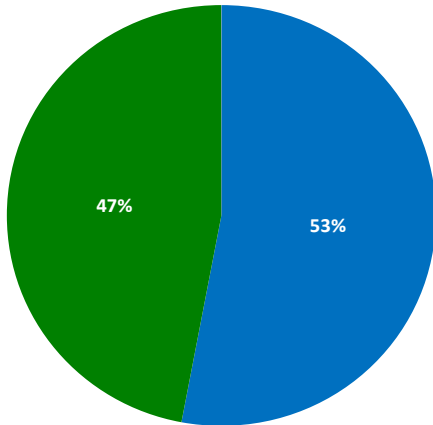
Thorax and Mediastinum



■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

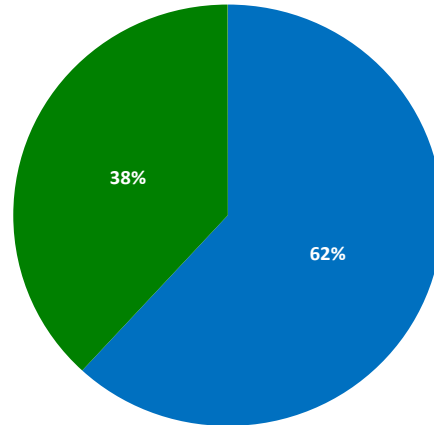
Overall Teaching Feedback

Heart



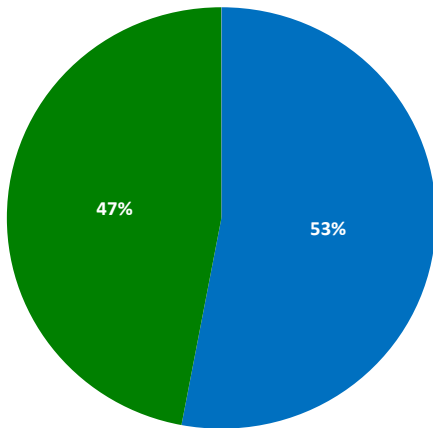
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

Lung



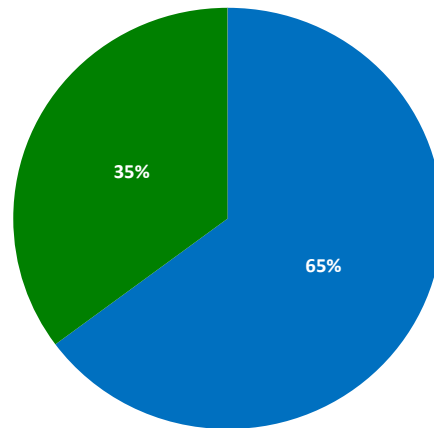
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

Liver, GB, Pancreas, Spleen



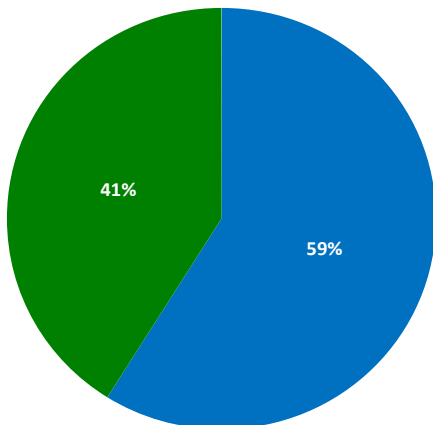
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

Anterior Abdominal Wall and Inguinal Region



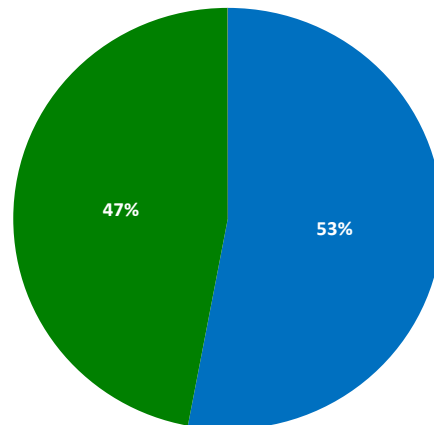
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

Small and Large Bowel



■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

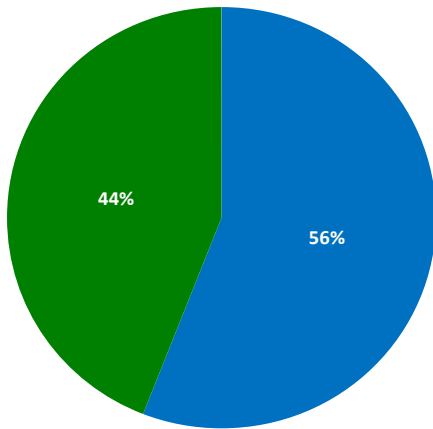
Pelvis and Perineum



■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

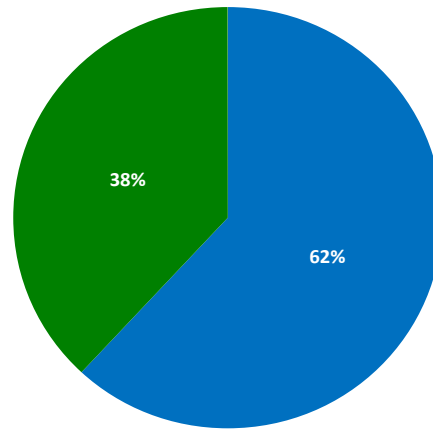
Overall Teaching Feedback

Hip and Thigh



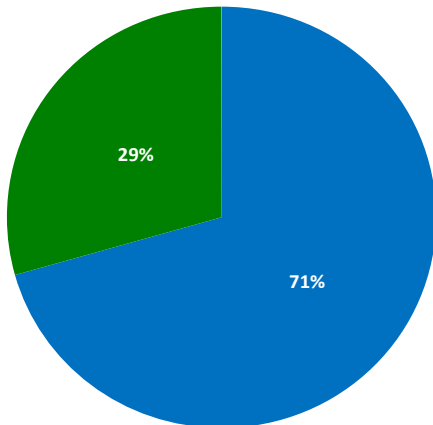
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

Leg and ankle



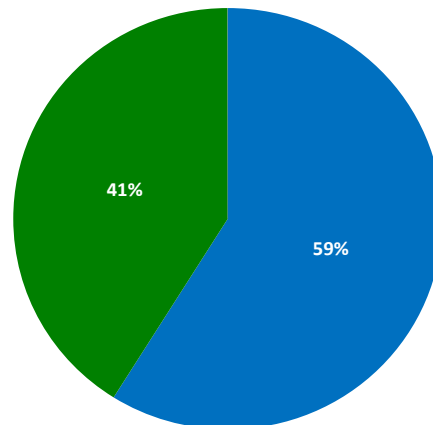
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

Would you recommend this course to a friend?



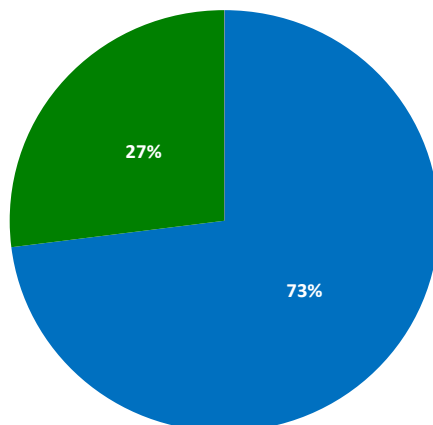
■ Most certainly ■ Certainly ■ Neutral ■ Maybe ■ Don't think so

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



■ Most certainly ■ Certainly ■ Neutral ■ Maybe ■ Don't think so

How was the general friendliness of the faculty and organisers?



■ Very friendly ■ Friendly ■ Neutral ■ Not very friendly ■ Can't comment

Individual Comments

Very good.

NJok
Musgrove Park Hospital, Taunton

Great.

MT
Royal Glamorgan Hospital, Llantrisant

Excellent.

AC
Manchester Royal Infirmary, Manchester

Great.

CB
William Harvey Hospital, Ashford

Excellent course.

FP
Queen Elizabeth Medical Centre, Birmingham

Excellent pre-exam preparation.

MT
Fairfield General Hospital, Bury

Excellent.

RL
Derriford Hospital, Plymouth

Probably the best anatomy revision course available for MRCS applicants in the UK.

MK
Berezino District Hospital, Belarus

Excellent!!

JA
Royal Gwent Hospital, Newport

Best part of the course was the anatomy demonstration.

AS
Hammersmith Hospital, London

Individual Comments

This course is highly recommended. Well organized. Good specimens.

AR
Mansoura Alpha Medical Centre

Extremely satisfied.

KK
Golden Jubilee National Hospital, Clydebank, Glasgow

Good.

KJ
Ashford Hospital, Ashford

Well organised and presentation / course organisation was very appropriate for the material that needed to be covered.

HD
Pinderfields General Hospital, Wakefield

Very useful for the exam revision and preparation.

AT
St George's Hospital, London

Best course . Very informative.

HA
Khyber Teaching Hospital Peshawar Pakistan

Excellent.

BS
Addenbrooke's Hospital, Cambridge

Excellent revision. Thank you!

IM
Birmingham Heartlands Hospital, Birmingham

The teaching were mostly focused on how to go through the stations which was very good. I feel a lot confident having attended the course.

IP
Huddersfield Royal Infirmary, Huddersfield

Individual Comments

Very cooperative and helpful.

BA
Khyber Teaching Hospital

Fantastic course.

BG
Addenbrooke's Hospital, Cambridge

Very good.

DB
Royal Hallamshire Hospital, Sheffield

Anatomy good. Good opportunity for questions.

EE
Musgrove Park Hospital, Taunton

Excellent.

MW
Milton Keynes General Hospital, Milton Keynes

Excellent.

AS
North Middlesex University Hospital, London

I enjoyed this course.

TJ
Salford Royal, Salford

Very good, motivated me for the exam.

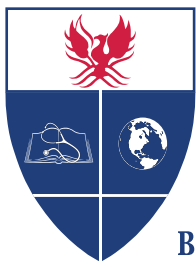
LG
John Radcliffe Hospital, Oxford

Brilliant exposure and practice osce .

PS
Royal Shrewsbury Hospital, Shrewsbury

Well organised course.

LP
University Hospital of Wales, Cardiff



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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, 31st July to 4th August 2017
- **International Academic and Research Conference**
Manchester, 5th August 2017
- **World University Anatomy Challenge**
Manchester, 4th August 2017

Publications



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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:

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