

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

Feedback - September 2019

Cardiff MRCS OSCE Course: Surgical Anatomy and Surgical Pathology

Taught by clinical anatomists and surgeons, this highly regarded and greatly acclaimed course intended to help trainees prepare for the surgical anatomy and pathology components of the MRCS OSCE exam. The sessions were predominantly delivered by small group demonstrations and tutorials using anatomical prosections, relevant pathological specimens, osteology and surface anatomy. This course, which took into consideration the changes introduced in 2018: consolidated the candidate's core and applied surgical knowledge in anatomy and relevant pathology; provided a focused revision of pertinent exam topics in this area, and; aided the candidate's aptitude to handle the OSCE stations effectively. There was also a dedicated teaching session on clinically applied surface anatomy. The mock OSCE stations on the second day of the course covered surgical anatomy (prosections, osteology and surface anatomy), surgical pathology, surgical radiology, and surgical skills and patient safety.

Course Information

Course Date:	20th and 21st September 2019
Venue:	Welsh Centre for Anatomical Education, Sir Martin Evans Building, Cardiff University
Attendance:	40 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; Anatomy Lecture Theatre (Ground Floor), School of Biosciences;
Coordinator - Ms R C Williams
- 0825** Start of Teaching in Anatomy Lecture Theatre
- 0825 - 0835** Introduction to the Format of the Course - Professor S Enoch
Venue: Anatomy Lecture Theatre
- 0835 - 0900** Overview of Anatomy Relevant to MRCS OSCE - Professor S Enoch (25 mins);
Venue: Anatomy Lecture Theatre

Candidates Arrive to the Anatomy Centre (Dissection Room) at 0900 hours

- 0900 - 0905** Aprons and Formation of Groups
- 0905 - 1300** **Small Group Demonstration (30 minutes per station) in the Dissection Room (including 20-minute break for refreshments from 1100 - 1120):**

Small Group Demonstration (30 minutes per station): Dissection Room

- Station 1: Soft Tissues of the Neck, Larynx, Pharynx, Palate, Floor of Mouth, Tongue
- Station 2: Sutures, Vault of the Skull, Dural Partitions, Cranial Fossae, Foramina and Structures Traversing the Foramina
- Station 3: Pelvic Bone, Hip Joint, Gluteal Region and Thigh
- Station 4: Anterior Abdominal Wall, Abdominal Incisions, Inguinal Region and External Genitalia
- Station 5: Osteology of Vertebrae; Back and Spinal Cord
- Station 6: Scapula, Clavicle, Humerus, Brachial Plexus, Shoulder and Arm
- Station 7: Upper Limb Osteology, Shoulder Pathologies, Rotator Cuff Injuries

1300 - 1340

Lunch Break; Venue C0.12

Course Programme

1340 - 1715 (including 20-minute break for refreshments from 1520 - 1540):

- Station 1: Soft Tissue of the Face, Orbit, Nasal Cavity, Lateral Wall of Nose, Infratemporal Fossa Pterygopalatine Fossa, Muscles of Mastication, TMJ
- Station 2: Liver, Pancreas, Spleen and Kidneys
- Station 3: Knee, Knee Joint, Lower Leg, Ankle and Foot
- Station 4: Stomach, Small and Large Bowel
- Station 5: Brain Anatomy, Ventricles, CSF, Hydrocephalus and Brain Tumours
- Station 6: Elbow, Forearm, Wrist, Hand
- Station 7: Lower Limb Osteology, Approaches to the Hip, Knee Arthroscopy, Compartment Syndrome, Tibial Fractures and Management

1715 - 1915 Surface Anatomy and OSCE Pointers - Professor S Enoch (105 mins)
Venue: Anatomy Lecture Theatre

1915 **END OF DAY 1**

Day 2

0745 Start of Day

0745 - 0845 Basic, General and System-Specific Pathology - Professor S Enoch (60 mins)
Venue: Anatomy Lecture Theatre

0845 - 1230 (including break for refreshments from 1020 - 1040)

Small Group Demonstration (30 minutes per station): Dissection Room

- Station 1: Revision of Skull, Face and Neck
- Station 2: Vascular Surgery, Carotids, AAA, PVD
- Station 3: Revision of Lower Limb
- Station 4: Pelvis, Perineum and Colorectal Surgery
- Station 5: Pathology Topics
- Station 6: Mediastinum, Heart and Lung
- Station 7: Revision of Upper Limb

1230 - 1300

Lunch Break; Venue: C0.12

Course Programme

1315 - 1730 (with break for refreshments 1510 - 1530):

MOCK VIVA/OSCE/SPOTTERS/PATHOLOGY/PHYSIOLOGY

Venue: Dissection Room and Anatomy Lecture Theatre

Coordinator: Ms R C Williams

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

1745 - 1900 Discussion of OSCEs

1900 **End of Course!**

Faculty List

Tutors

Mr Abhijeet Kumar, MBBS, MS(Orth), DNB(Orth), MNAMS, MCh, MRCS

Speciality Registrar in Trauma and Orthopaedics
Royal Gwent Hospital, Newport

Mr Abhinav Singh, BSc, BMBS, MRCS

Speciality Trainee in Trauma and Orthopaedics
Guy's and St Thomas' NHS Foundation Trust

Mr Ayush Singh, MBBS, MS(Orth), DNB (Orth), MRCS

Speciality Registrar in Trauma and Orthopaedics
All Wales Deanery

Mr Charles Wallace, MD, MRCS

Registrar in Trauma and Orthopaedics
Homerton University Hospital, London

Mr Chris Chalklin, MBBCh, MRCS

Speciality Registrar in General and Vascular Surgery
University Hospital of Wales, Cardiff

Mr Edmund Leung, DMedSci, MRCS, FRCS

Consultant General Surgeon
Hereford County Hospital, Hereford

Dr Hannah Shaw, PhD

Lecturer in Anatomy
University of Cardiff

Mr Jonathan D'Souza, MS, MRCS

Speciality Registrar in Trauma and Orthopaedics
Wrightington, Wigan and Leigh NHS Foundation Trust

Mr Joseph Merola, MRCS (Eng)

Clinical Fellow in Neurosurgery
University Hospital of Wales, Cardiff

Mr Kahlan Al Kaisu, MBChB, MPH, MRCS(Ed)

Speciality Registrar in Trauma and Orthopaedic Surgery
Hereford County Hospital, Hereford

Mr Kevin Conway, MB BCh, MD, FRCS (Gen Surg)

Consultant Vascular Surgeon
Royal Glamorgan Hospital, Llantrisant

Mr Kudzayi Kutwayo, MBChB, MRCS

Speciality Registrar in Cardiothoracic Surgery
Glenfield Hospital, Leicester

Mr Kumar Kaushik Dash, MBBS, MRCS(Ed)

Speciality Registrar in Orthopaedics
Golden Jubilee National Hospital, Clydebank

Faculty List

Ms Lindsey Bulleid, BA, MBBCh, MRCS

Speciality Registrar in Neurosurgery
University Hospital of Wales, Cardiff

Mr Murtadhah Mohammed Kurdi Jalal, MBChB, MRCS, MD

Speciality Registrar in Trauma and Orthopaedic Surgery
Royal Infirmary of Edinburgh, Edinburgh

Mr Pramin Raut, MBBChir, MA(Cantab), MRCS

Speciality Trainee in Surgery
Frimley Park Hospital, Surrey

Mr Ronak Ved, MBBCh, BSc, MRCS

Registrar in Neurosurgery
University Hospital of Wales, Cardiff

Ms Sita Kotecha, MD, MRCS

Speciality Trainee in Surgery
King's Mill Hospital, Nottinghamshire

Ms Swati Bhasin, MRCS

Speciality Trainee in Surgery
Royal Wolverhampton Hospitals NHS Foundation Trust

Mr Vipul Garg, MBBS, MS, MRCS

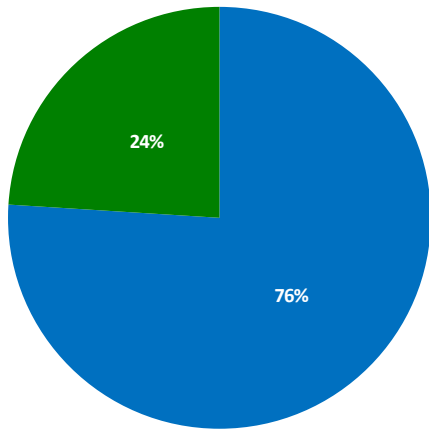
Speciality Doctor in Orthopaedic Surgery
Wrexham Maelor Hospital, Wrexham

Miss Zoe James, MBBCh, MRCS

Speciality Registrar in Neurosurgery
University Hospital of Wales, Cardiff

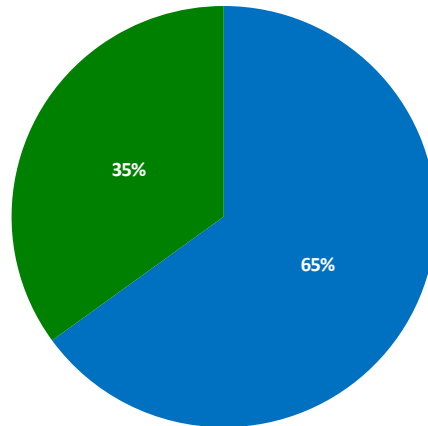
Overall Teaching Feedback

How useful was the introductory anatomy session on Friday morning?



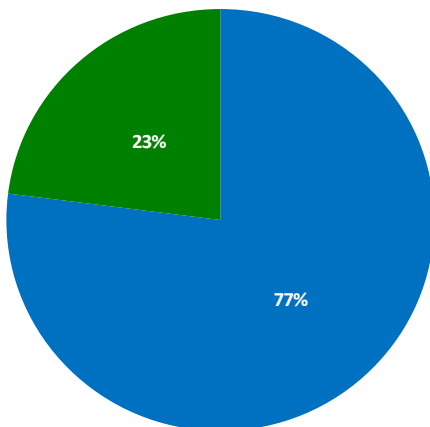
■ Very useful ■ Useful ■ Neutral ■ Limited usefulness ■ Useless

How useful was the teaching on common cancers (thyroid, melanoma, skin cancers, testis) on Friday evening?



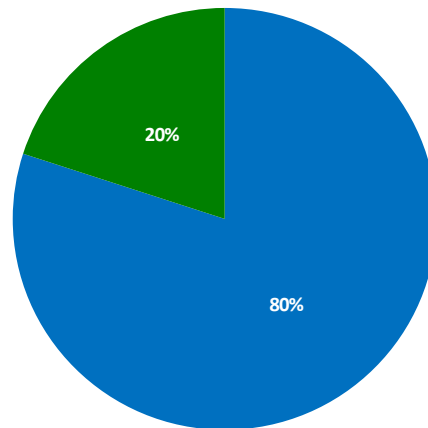
■ Very useful ■ Useful ■ Neutral ■ Limited usefulness ■ Useless

How useful was the teaching using prosections and anatomical material?



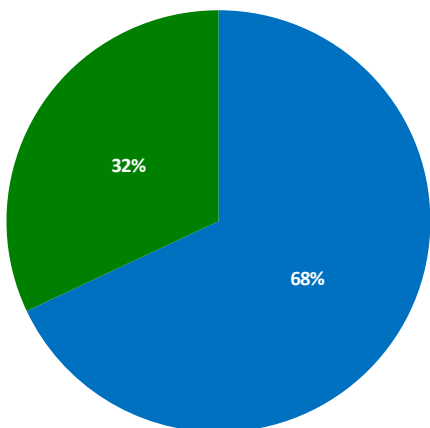
■ Very useful ■ Useful ■ Neutral ■ Limited usefulness ■ Useless

How was the teaching using prosections and anatomical material?



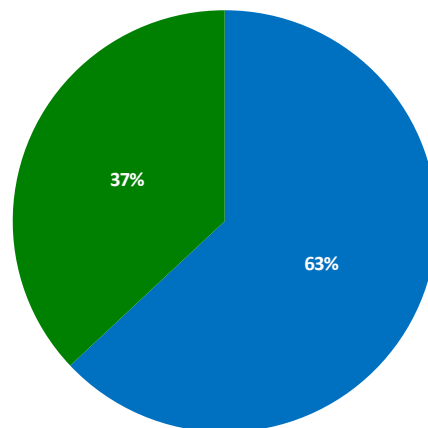
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

How was the clarity of the demonstrations?



■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

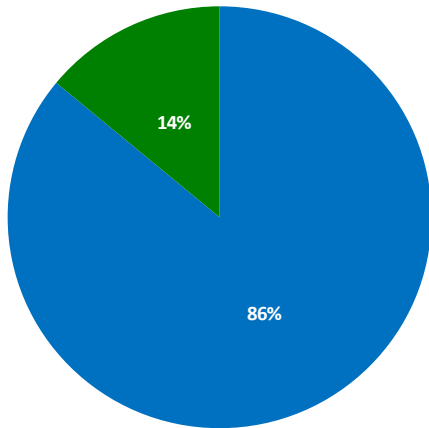
How would you rate the general academic standard of the demonstrators?



■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

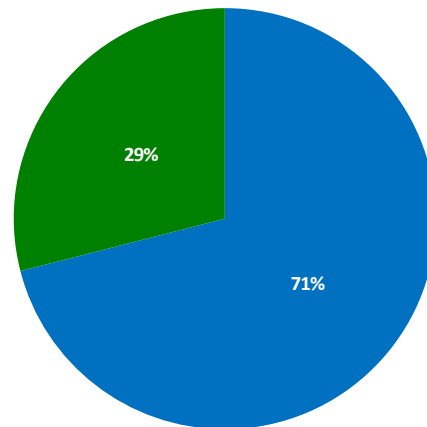
Overall Teaching Feedback

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



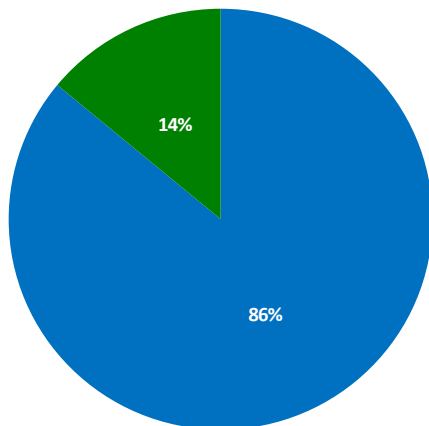
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

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



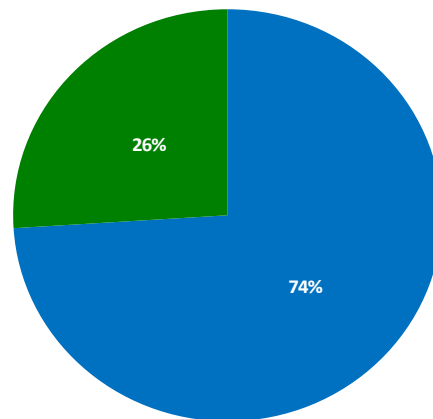
■ Most certainly ■ Certainly ■ Neutral ■ Probably ■ No way

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



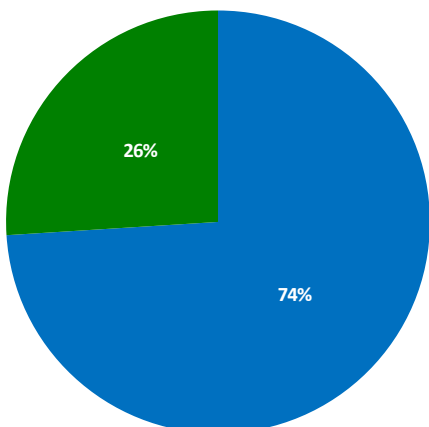
■ Very useful ■ Useful ■ Neutral ■ Limited usefulness ■ Useless

How useful were the 2D anatomy and high-yield topics examination in the lecture theatre (Saturday afternoon) and subsequent discussion?



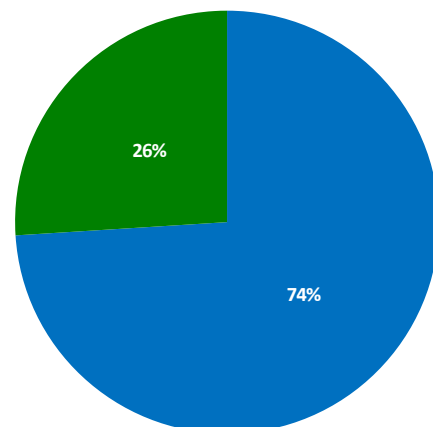
■ Very useful ■ Useful ■ Neutral ■ Limited usefulness ■ Useless

Skull Base



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

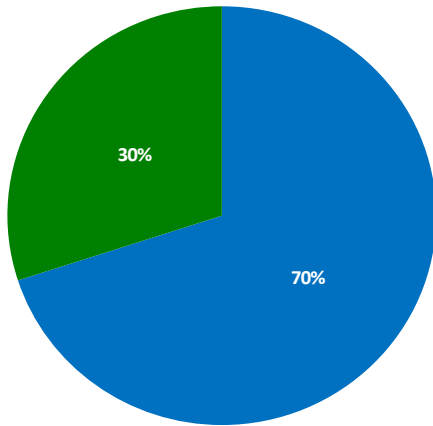
Thoracic Skeleton, Ribs, Sternum, Thorax and Mediastinum



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

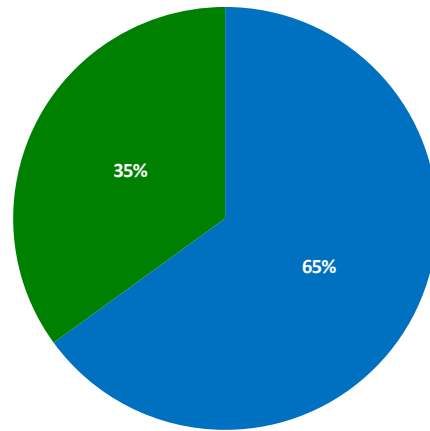
Overall Teaching Feedback

Brachial Plexus, Shoulder and Arm



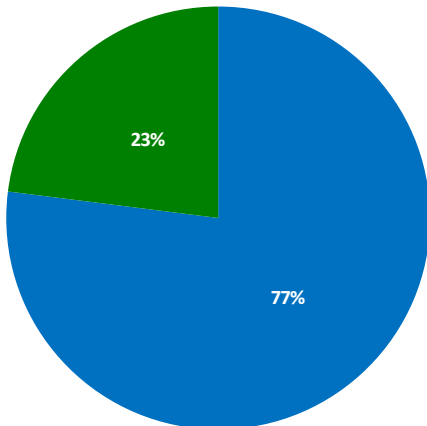
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Anterior Abdominal Wall and Inguinal Region



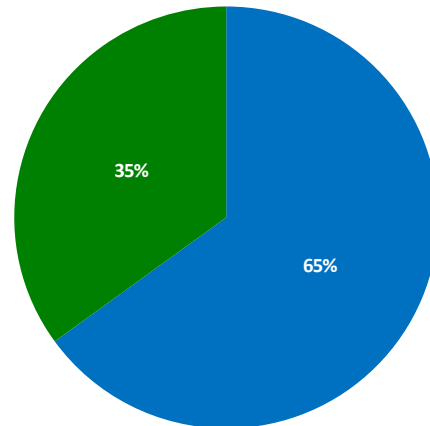
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Hip Joint, Gluteal Region and Femoral Triangle



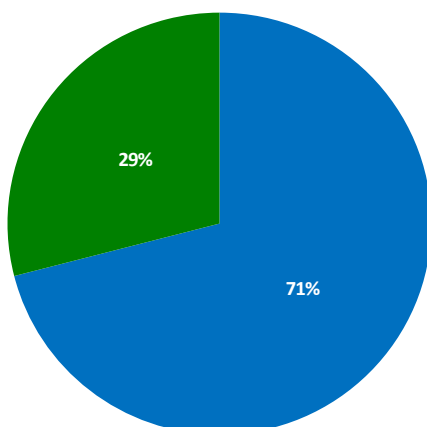
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Vertebrae and Spinal Cord



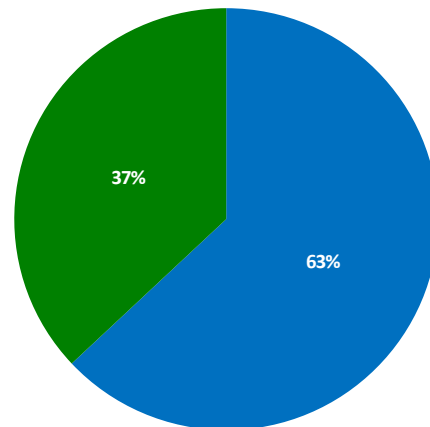
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Soft Tissue of the Face



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

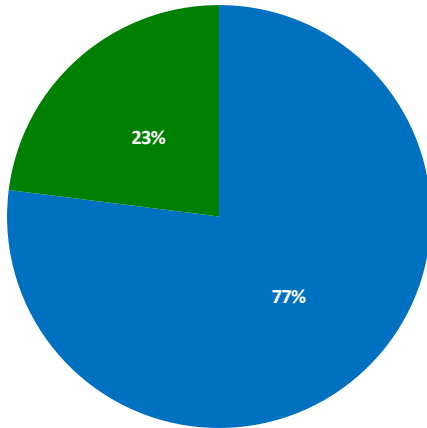
Neck and Larynx



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

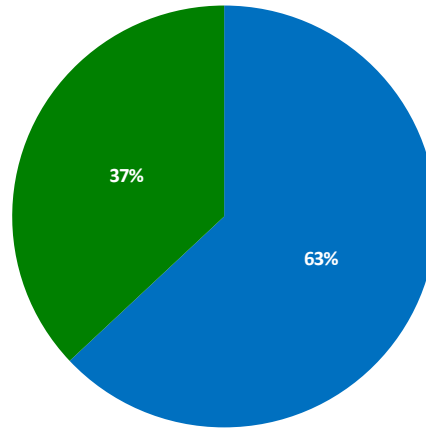
Overall Teaching Feedback

Heart and Lung



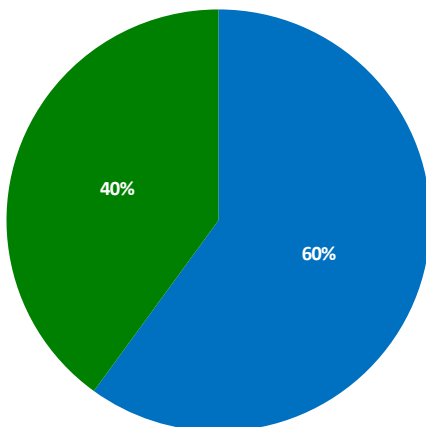
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Liver, Gall Bladder, Pancreas, Spleen and Stomach



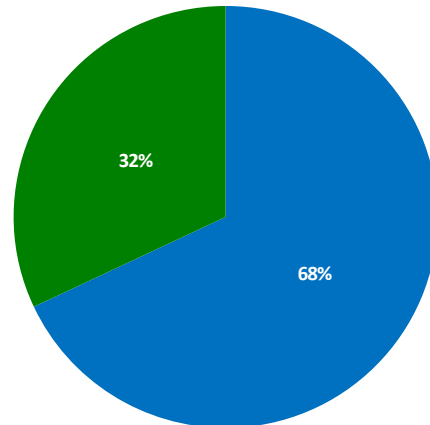
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Knee, Lower Leg and Ankle



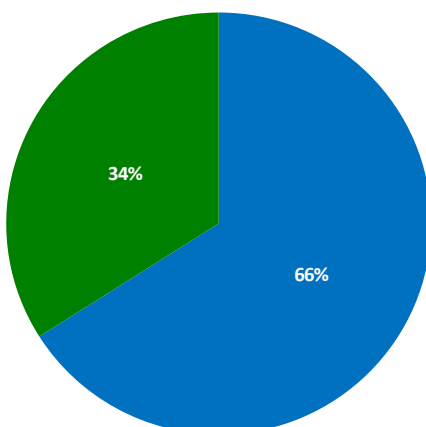
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Hollow Organs of the Abdomen/Small Intestine/Colon



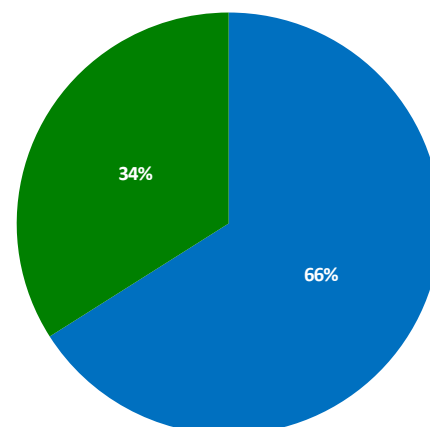
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Cubital Fossa, Forearm, Wrist and Hand



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

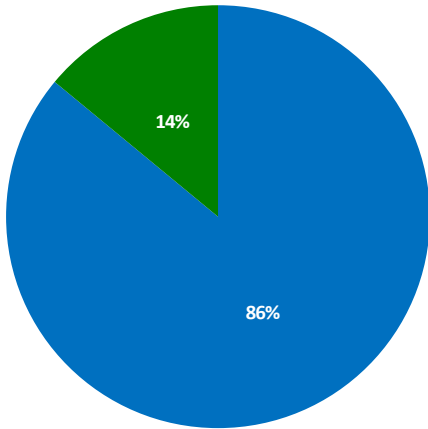
Anatomy of the Brain and Its Pathologies



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

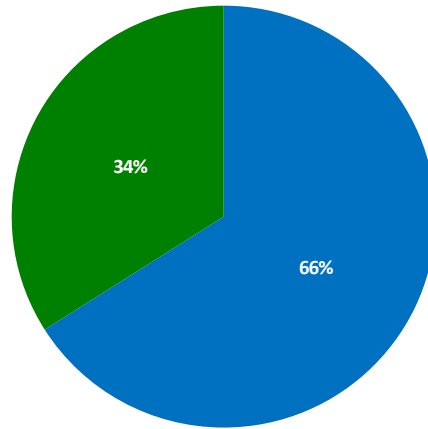
Overall Teaching Feedback

Discussion on Bone Pathology



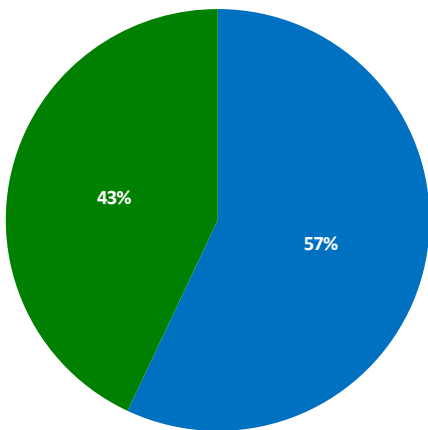
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Vascular Surgery



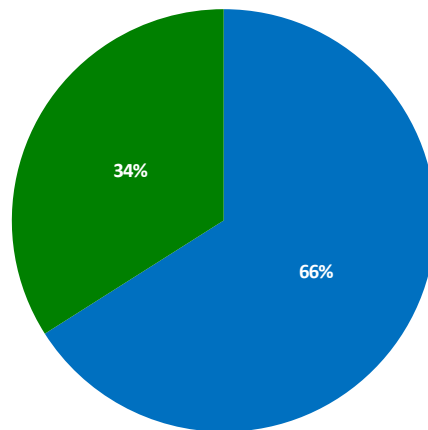
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Upper Limb Osteology



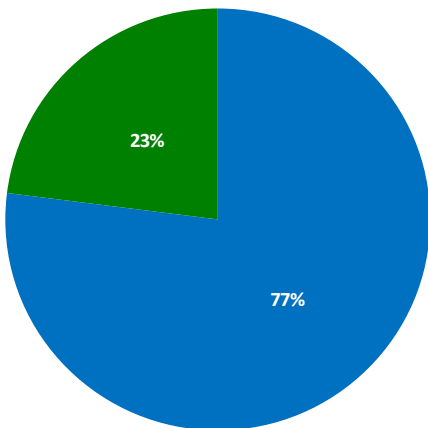
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Lower Limb Osteology



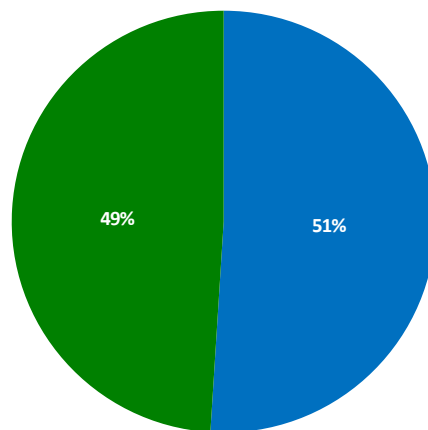
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Would you recommend this course to a friend?



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

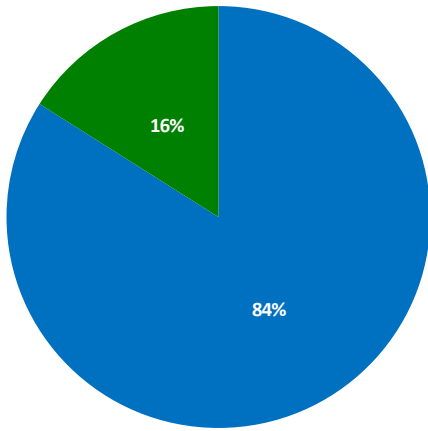
How were the facilities and venue?



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

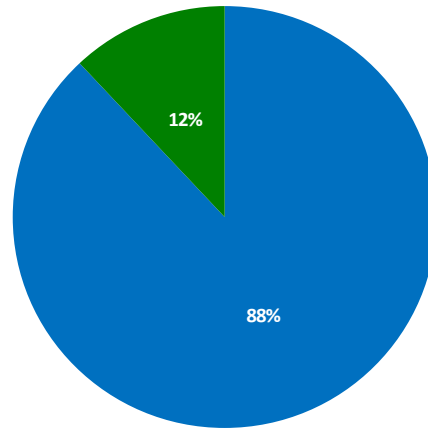
Overall Teaching Feedback

How were the refreshments and lunch?



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

How was the general friendliness of the faculty and organisers?



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

Individual Comments

Great.

KA

Bradford Teaching Hospitals NHS Foundation Trust, United Kingdom

The course was well-designed and efficient.

KW

Kingston Public Hospital, Kingston, Jamaica

Great.

MA

Mackay Base Hospital, Queensland, Australia

It was very good.

MM

Leicester Royal Infirmary, Leicester, United Kingdom

Great.

TB

Western General Hospital, Edinburgh, United Kingdom

This was excellent to help familiarise yourself with prosecutions.

HB

University Hospital of Wales, Cardiff, United Kingdom

Brilliant.

EW

Stepping Hill Hospital, Stockport, United Kingdom

This was a very good course.

SL

Bristol Royal Infirmary, Bristol, United Kingdom

The course provided an excellent review of exam topics, with a very good faculty.

CK

University Hospital Limerick, Limerick, Ireland

It was very good.

SS

Whipps Cross University Hospital, London, United Kingdom

Individual Comments

The content and teaching were excellent.

VK

Wrightington, Wigan and Leigh NHS Trust, United Kingdom

Great.

TB

Western General Hospital, Edinburgh, United Kingdom

Excellent.

MS

Royal Preston Hospital, Preston, United Kingdom

I would 100% recommend this course. It covers the high yield areas of the exam.

WF

Daisy Hill Hospital, Newry, Northern Ireland

Good.

AT

Cambridge University Hospitals NHS Foundation Trust, United Kingdom

This was a very intense course, but it gave me an overall picture of what to expect in the exam and how much we needed to learn.

IO

Royal Glamorgan Hospital, Llantrisant, United Kingdom

It was a worthwhile experience.

SS

Wrightington, Wigan and Leigh NHS Trust, United Kingdom

Great.

BY

Russells Hall Hospital, Dudley, United Kingdom

I enjoyed the course; it was a good experience before going into the exam, and it increased my confidence level.

JA

The course was very good; it has the potential to be the best.

SN

Scunthorpe General Hospital, Scunthorpe, United Kingdom

Individual Comments

This was an excellent course; I will be recommending it to my colleagues.

EC

Derriford Hospital, Plymouth, United Kingdom

Great.

MI

Royal Berkshire NHS Foundation Trust, United Kingdom

It was very good.

VA

Warwick Hospital, Warwick, United Kingdom

Great.

MN

Barts Health NHS Trust, United Kingdom

The course provided excellent preparation for the exam.

EM

Cork University Hospital, Cork, Ireland

It was very good.

ZK

Lister Hospital, Stevenage, United Kingdom

The course provided quick revision before the exam.

SN

University Hospital of Derby and Burton, Derby, United Kingdom

The content and support from the tutors were excellent. I would recommend this course to anyone applying for the MRCS Part B. It's a very solid course.

RP

Hamad Medical Corporation, Qatar

Brilliant. I think the crux of the usefulness of this course hinges on doing the preparatory work. I would suggest that this is strongly recommended to future attendees.

BK

Aberdeen Royal Infirmary, Aberdeen, United Kingdom



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Courses (a selection):

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- 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
- International Academic and Research Conference
- World University Anatomy Challenge

Publications



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