

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

Feedback - September 2018

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 September 2018
Venue:	Welsh Centre for Anatomical Education, Sir Martin Evans Building, University of Cardiff
Attendance:	45 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 - 1710 (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

Tutors

Miss Alison Kinghorn, MB BChir, MRCS
Specialist Registrar in Trauma and Orthopaedics
All Wales Deanery

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

Ms Charlotte Leaman, BSc, MBBCh, MRCS
Speciality Registrar in General Surgery
All Wales Deanery

Mr Edmund Leung, DMedSci, MRCS, FRCS
Consultant General Surgeon
Hereford County Hospital

Ms Florentina Luiza Popescu, MD, MRCS
Cardiopulmonary Transplant Fellow
Queen Elizabeth Hospital, Birmingham

Dr Hannah Shaw, PhD
Lecturer in Anatomy
University of Cardiff

Miss Helen Perry, MRCS
Speciality Registrar in Vascular Surgery
Royal Glamorgan Hospital

Mr Joseph Merola, MRCS (Eng)
Clinical Fellow in Neurosurgery
University Hospital of Wales

Mr Kumar Kaushik Dash, MBBS, MRCS(Ed)
Speciality Trainee in Orthopaedics
Golden Jubilee National Hospital, Clydebank

Mr Mike Rees, MBChB, MRCS
Speciality Registrar in General Surgery
Royal Gwent Hospital, Newport

Mr Morgan Bayley, MB BCh, MRCS
Specialist Registrar in Trauma and Orthopaedics
All Wales Deanery

Mr Oliver Luton, MB BCh, MRCS
Specialist Registrar in General Surgery
All Wales Deanery

Mr Osian James, MRCS
Speciality Trainee in General Surgery
Royal Glamorgan Hospital

Faculty List

Mr Rhys Morris, MBChB, BSc, MSc, MRCS, PGCMed Ed

Registrar in Trauma and Orthopaedics
Wales Deanery

Mr Ronak Ved, MBBCh, BSc, MRCS

Registrar in Neurosurgery
University Hospital of Wales

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

Consultant in Surgical Studies
Doctors Academy

Mr Tom Combellack, MBBCh, MRCS

Speciality Registrar in Cardiothoracic Surgery
University Hospital of Wales, Cardiff

Trainee Tutors

Mr Abdulrahman Odeh, MB ChB, MRCS(Ed)

Specialist Trainee in Trauma and Orthopaedics
West Midlands Deanery

Mr Ahmad Al-Sukaini, MB ChB, MRes, MRCS(Ed)

Specialist Trainee in Trauma and Orthopaedics
The Dudley Group NHS Foundation Trust

Mr Arjun Patel, MBBS, BSc, MRCS

Specialist Trainee in General Surgery
Wexham Park Hospital, Slough

Miss Emily Kirkham, MB ChB, MRCS

Specialist Trainee in Upper Gastrointestinal Surgery
Gloucester and Cheltenham Hospitals NHS Trust

Mr John Thomas, MBBS, MRCS

Specialist Trainee in Trauma and Orthopaedics
Withybush General Hospital, Pembrokeshire

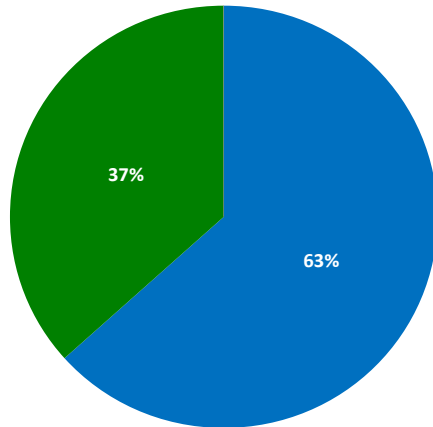
Miss Louise Dunphy

Mr Richard Hayes, MB BCh, BA(Hons), MRCS(Ed)

Specialist Trainee in Urology
Torbay and South Devon NHS Foundation Trust

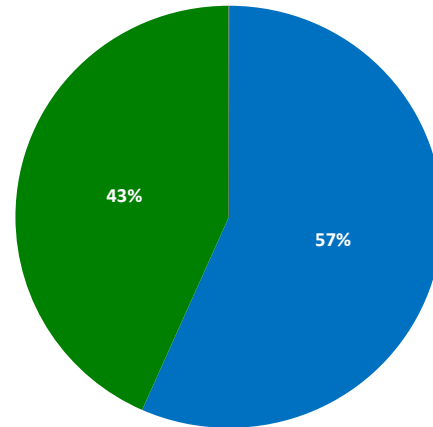
Overall Teaching Feedback

How useful was the introductory Anatomy session on Friday morning?



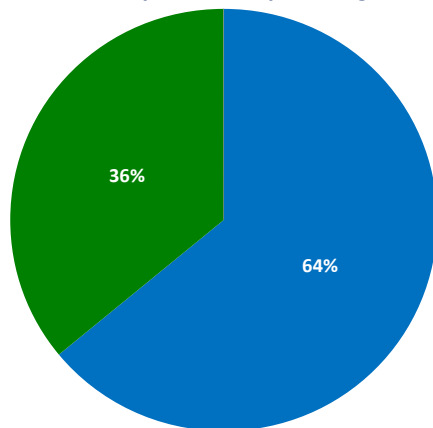
■ Very useful ■ Useful ■ Neutral ■ Limited Usefulness ■ Useless

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



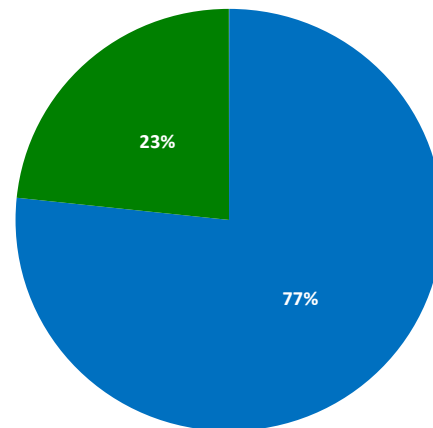
■ Very useful ■ Useful ■ Neutral ■ Limited Usefulness ■ Useless

How useful was the teaching on surface anatomy on Saturday morning?



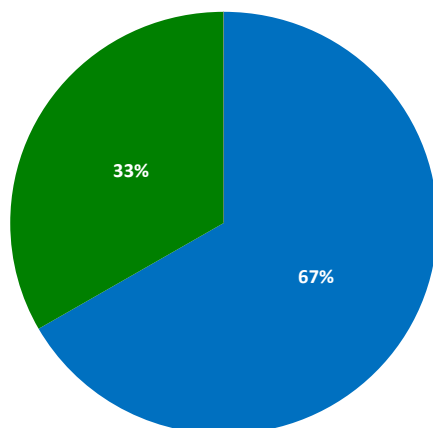
■ Very useful ■ Useful ■ Neutral ■ Limited Usefulness ■ Useless

How was the teaching using prosections and anatomical material?



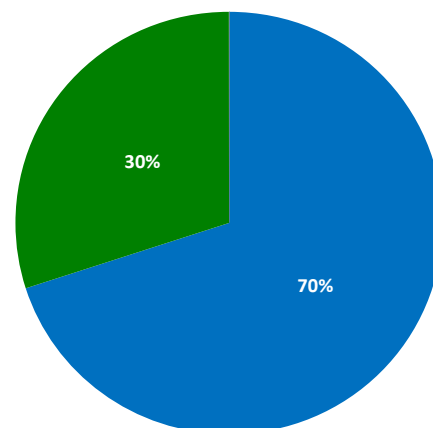
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

How was the clarity of the demonstrations?



■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

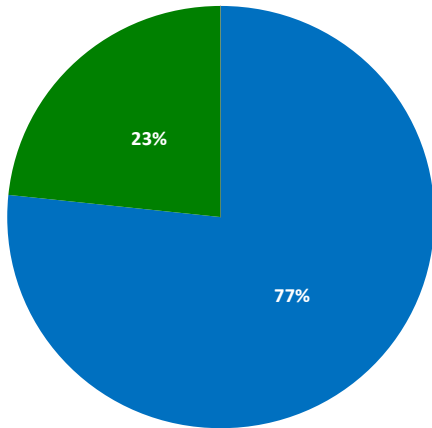
How would you rate the general academic standard of the demonstrators?



■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

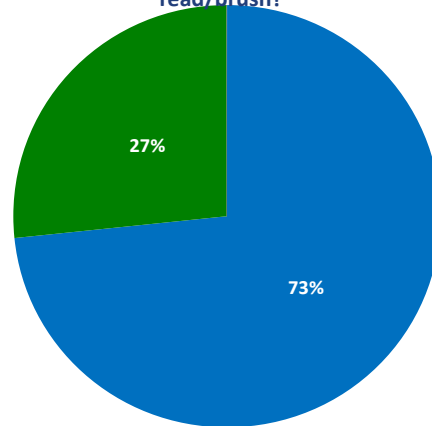
Overall Teaching Feedback

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



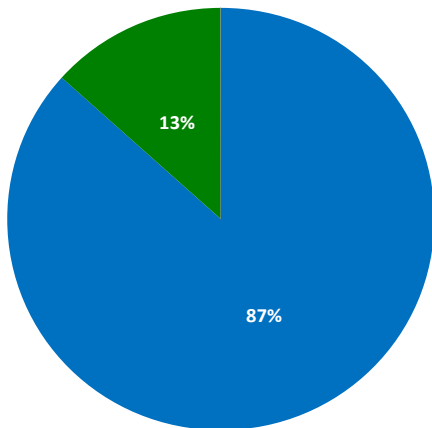
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

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



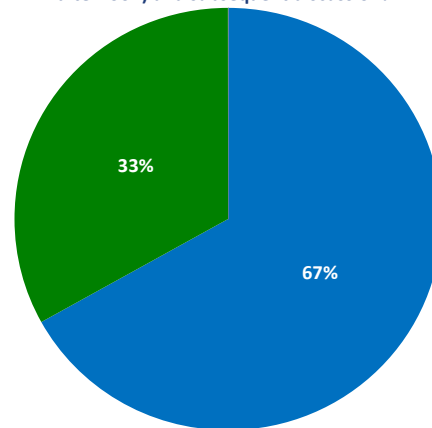
■ Most certainly ■ Certainly ■ Neutral ■ Probably ■ No way

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



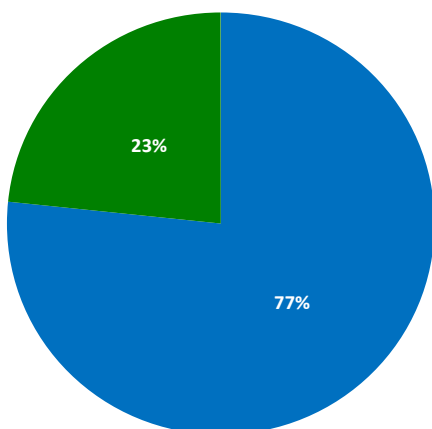
■ Very useful ■ Useful ■ Neutral ■ Limited Usefulness ■ Useless

How useful was the Applied Surgical Sciences Examination in the lecture theatre (Saturday afternoon) and subsequent discussion?



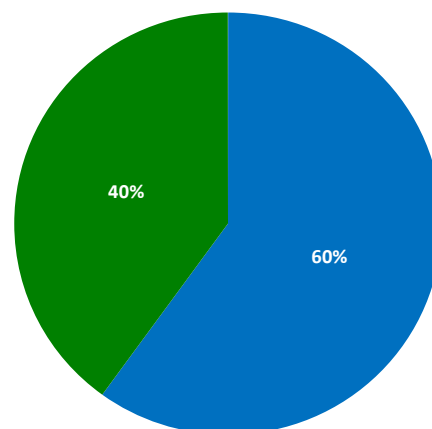
■ Very useful ■ Useful ■ Neutral ■ Limited Usefulness ■ Useless

Skull Base



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

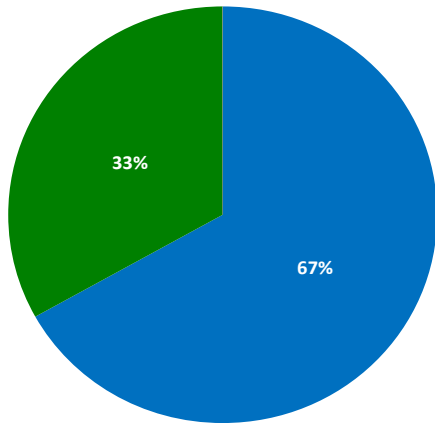
Thoracic Skeleton, Ribs, Sternum, Thorax and Mediastinum



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

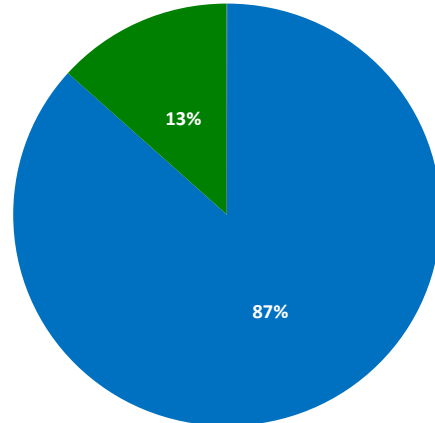
Overall Teaching Feedback

Brachial Plexus, Shoulder and Arm



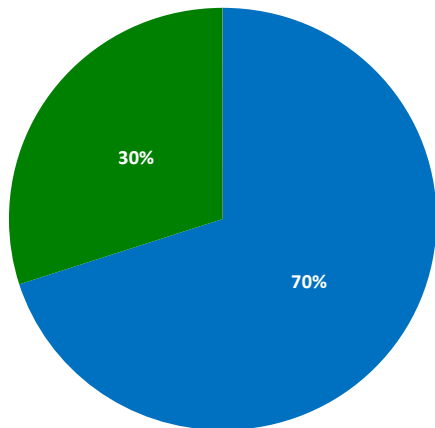
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Anterior Abdominal Wall and Inguinal Region



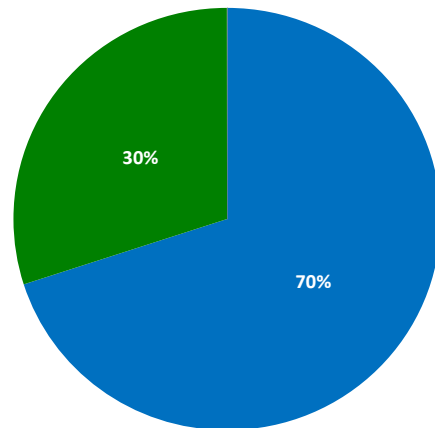
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Hip Joint, Gluteal Region, Femoral Triangle



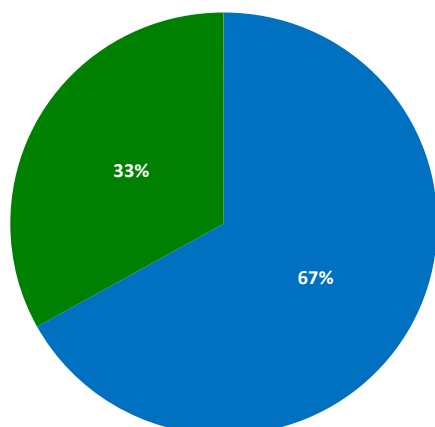
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Vertebrae and Spinal Cord



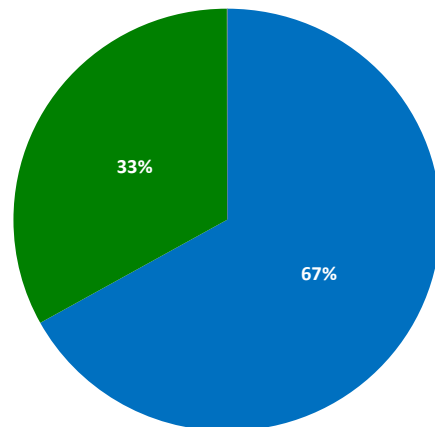
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Soft Tissue of Face



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

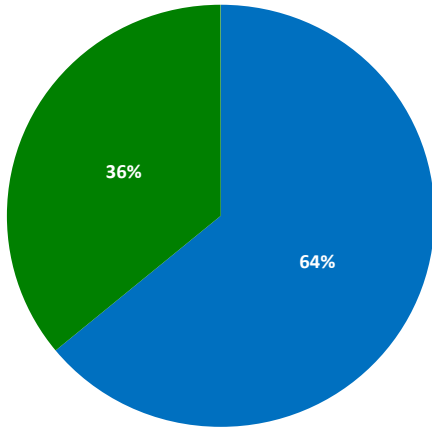
Neck and Larynx



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

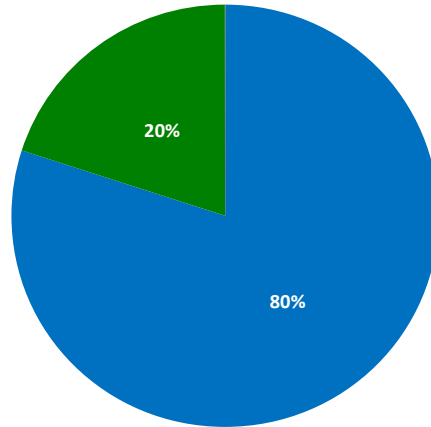
Overall Teaching Feedback

Heart and Lung



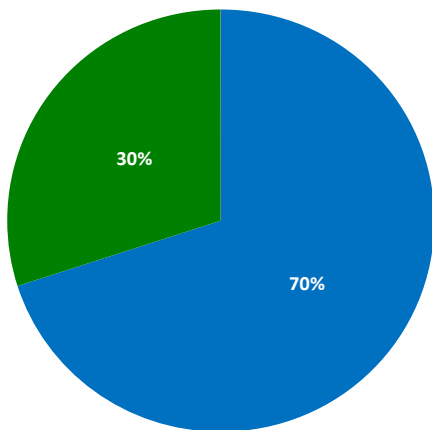
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Liver, Gall Bladder, Pancreas, Spleen and Stomach



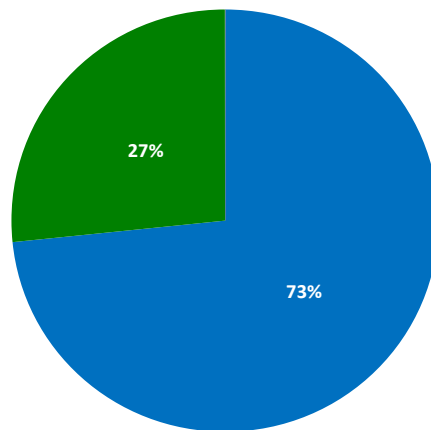
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Knee, Lower Leg, Ankle



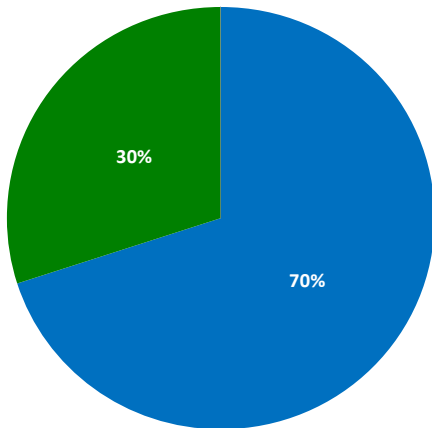
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Hollow Organs of the Abdomen/Small Intestine/Colon



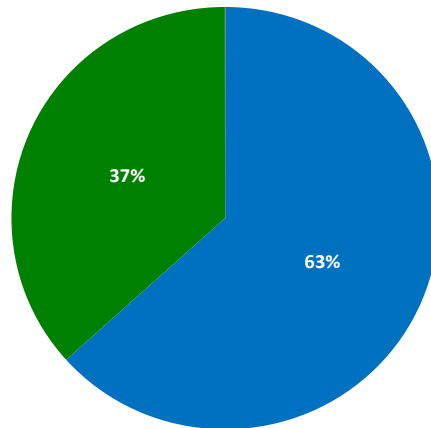
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Pelvis, Perineum; Male and Female Reproductive Organs



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

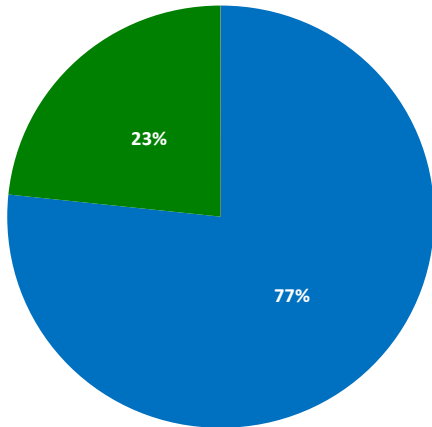
Cubital fossa, Forearm, Wrist and Hand



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

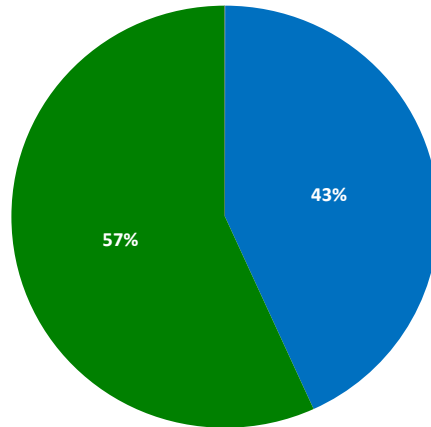
Overall Teaching Feedback

Would you recommend this course to a friend?



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

How were the refreshments and lunch?



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Individual Comments

Exceptional course. Ran like clockwork. Got a lot out of it.

KC

John Radcliffe Hospital, Oxford

Fantastic course, great faculty, very efficient, relevant to the exam. Improved my knowledge significantly.

SH

Hull and East Yorkshire Hospitals NHS , United Kingdom , Europe

Overall great.

SG

Aster hospital, UAE



DOCTORS ACADEMY

BETTER EDUCATION. BETTER HEALTH.

Doctors Academy is a 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
- International Academic and Research Conference
- World University Anatomy Challenge

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

www.doctorexams.co.uk

www.doctorsacademy.org