

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

Feedback - September 2020

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:	11th and 12th September 2020
Venue:	Welsh Centre for Anatomical Education, Sir Martin Evans Building, Cardiff University
Attendance:	42 Delegates
Aimed at:	Delegates looking to take their membership to the Royal College of Surgeons Part B exam.
Course Fee:	£425.00

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; Anatomy Lecture Theatre -
Professor S Enoch

0835 - 0900 Overview of Anatomy Relevant to MRCS OSCE; Anatomy Lecture Theatre -
Professor S Enoch (25 mins)

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):**

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

1300 - 1340

Lunch Break; E1.03

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: Dural Partitions, Circle of Willis, Strokes, Dural Venous Sinuses, Flow of CSF, Hydrocephalus
- Station 3: Elbow, Forearm, Wrist, Hand
- Station 4: Knee, Knee Joint, Lower Leg, Ankle and Foot
- Station 5: Brain Anatomy, Ventricles, CSF, Hydrocephalus and Brain Tumours
- Station 6: Small and Large Bowel; Pelvis
- Station 7: Male and Female Reproductive Organs; Perineum

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

1915 **END OF DAY 1**

Day 2

0745 Start of Day

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

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

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

- Station 1: Revision of Face and Neck
- Station 2: Thorax, Heart and Lungs
- Station 3: Revision of Skull Base
- Station 4: Revision of Limbs
- Station 5: Revision of Solid Organs and Pathology
- Station 6: Vascular Surgery, Carotids, AAA, PVD
- Station 7: Revision of Abdomen

1230 - 1300

Lunch Break; 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; General Revision**

1900 - 1915 **Summary and General Feedback**

1915 **End of Course!**

Faculty

Tutors: Friday 11th September 2020

Mr Conor Keogh, MBBCh BAO, MSc, MRCS

Clinical Research Fellow in Neurosurgery
University of Oxford

Miss Cristina Cernei, MBBCh, MRCS

Speciality Trainee in Surgery
Oxford University Hospitals NHS Foundation Trust

Dr Hannah Shaw, PhD

Lecturer in Anatomy
University of Cardiff

Mr Joseph Merola, MRCS (Eng)

Clinical Fellow in Neurosurgery
University Hospital of Wales, Cardiff

Mr Ronak Ved, MBBCh, BSc, MRCS

Registrar in Neurosurgery
University Hospital of Wales, Cardiff

Mr Sasan Dehbozorgi, BSc (Hons), MBBS, MRCS (Eng)

Speciality Trainee in Orthopaedic Surgery
Nevill Hall Hospital, Abergavenny

Ms Swati Bhasin, MRCS

Speciality Trainee in Surgery
Royal Wolverhampton Hospitals NHS Foundation Trust

Miss Yan Mei Goh, MBChB, MRCS, PGDip Clin Ed., PhD

PhD Research Fellow – Imperial College
Speciality Registrar in General Surgery, Oxford Deanery

Mr Yogesh Nathdwarawala, MBBS, MS (Orth), MSc (Orth), FRCS (Orth)

Consultant Orthopaedic Surgeon
Nevill Hall Hospital, Abergavenny

Faculty

Tutors: Saturday 12th September 2020

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

Speciality Registrar in Trauma and Orthopaedics
All Wales Deanery

Mr Conor Keogh, MBBCh BAO, MSc, MRCS

Clinical Research Fellow in Neurosurgery
University of Oxford

Miss Cristina Cernei, MBBCh, MRCS

Speciality Trainee in Surgery
Oxford University Hospitals NHS Foundation Trust

Mr Darren Yap, MRCS, DOHNS

Speciality Registrar in Otolaryngology
Wexham Park Hospital, Slough

Mr Joseph Merola, MRCS (Eng)

Clinical Fellow in Neurosurgery
University Hospital of Wales, Cardiff

Mr Kevin Conway, MBBCh, MD, FRCS (Gen Surg)

Consultant Vascular Surgeon
Royal Glamorgan Hospital, Llantrisant

Mr Naveen Mathai, MBBS, MS, DNB, MRCS (Eng), FRCS (JSCFE)

Speciality Registrar and Senior Clinical Fellow
University Hospital of Wales, Cardiff

Mr Ronak Ved, MBBCh, BSc, MRCS

Registrar in Neurosurgery
University Hospital of Wales, Cardiff

Mr Sasan Dehbozorgi, BSc (Hons), MBBS, MRCS (Eng)

Speciality Trainee in Orthopaedic Surgery
Nevill Hall Hospital, Abergavenny

Miss Sophie Lewis, BMBS, MRCS

Speciality Trainee in Paediatric Surgery
Bristol Royal Hospital for Children, Bristol

Miss Sumera Baloch, MBBS, MRCS

Speciality Trainee in General Surgery
Wrexham Maelor Hospital, Wrexham

Faculty

Ms Swati Bhasin, MRCS

Speciality Trainee in Surgery

Royal Wolverhampton Hospitals NHS Foundation Trust

Miss Yan Mei Goh, MBChB, MRCS, PGDip Clin Ed., PhD

PhD Research Fellow – Imperial College

Speciality Registrar in General Surgery, Oxford Deanery

Mr Yogesh Nathdwarawala, MBBS, MS (Orth), MSc (Orth), FRCS (Orth)

Consultant Orthopaedic Surgeon

Nevill Hall Hospital, Abergavenny

Miss Zoe James, MBBCh, MRCS

Speciality Registrar in Neurosurgery

University Hospital of Wales, Cardiff

Trainee Tutors

Mr Akshat Sharma, MBBS, MRCS

Speciality Registrar in Trauma and Orthopaedics

The Royal Wolverhampton NHS Trust

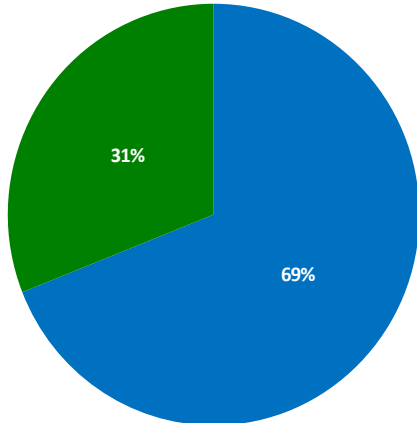
Mr Vikram Kandhari, MBBS, MRCS

Speciality Doctor in Trauma and Orthopaedics

Cardiff and Vale University Health Board

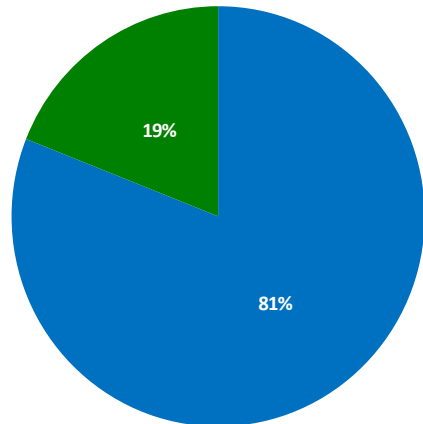
Overall Feedback

How was the teaching on chest, neck and upper limb anatomy?



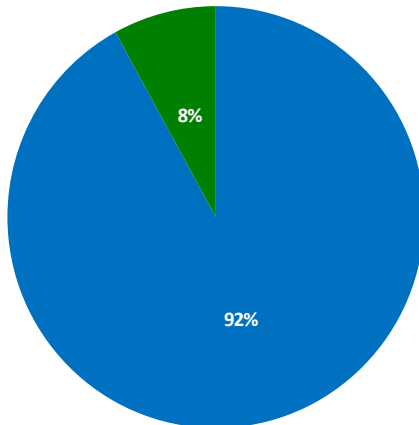
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

How useful was the teaching on common cancers (colon, thyroid, melanoma and testis)?



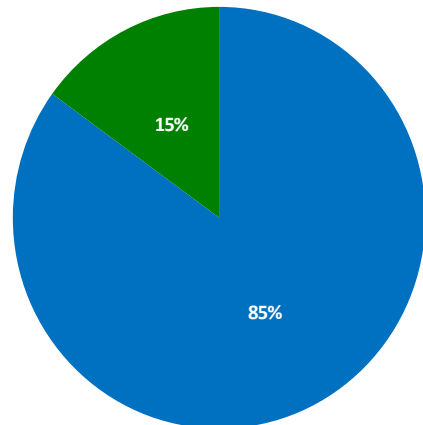
■ Very useful ■ Useful ■ Neutral ■ Limited usefulness ■ Useless

How was the teaching using prosections and anatomical material?



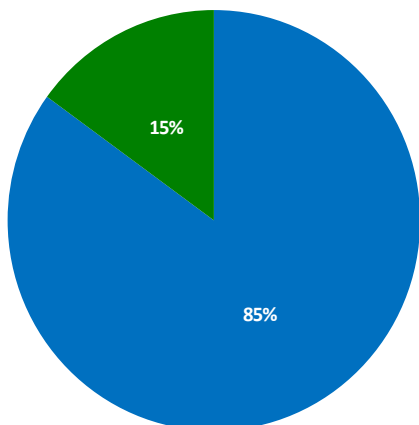
■ Very useful ■ Useful ■ Neutral ■ Limited usefulness ■ Useless

How was the clarity of the demonstrations?



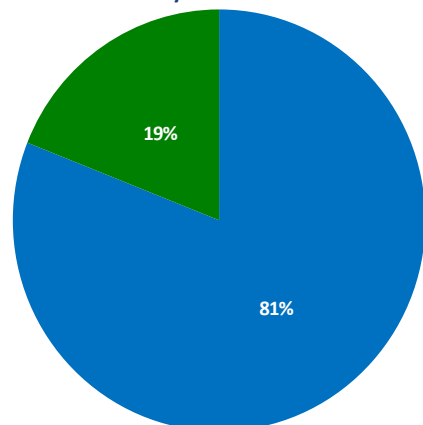
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

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



■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

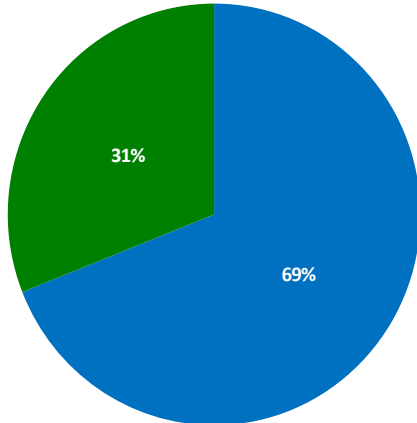
How do you rate the relevance of the course to your exam?



■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

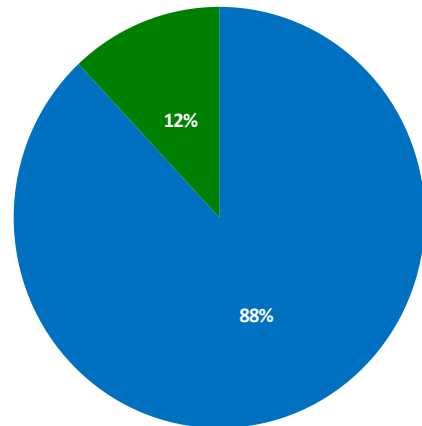
Overall Feedback

Do you feel that the course provided you with a self-assessment of your strengths and weaknesses, and areas upon which you need to improve?



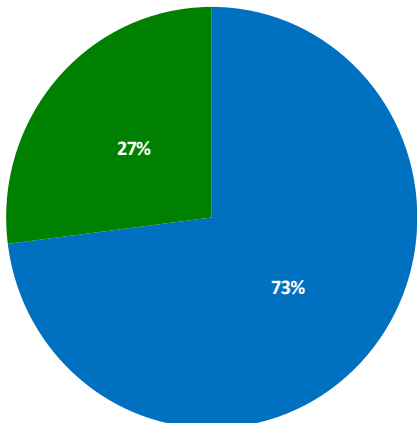
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

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



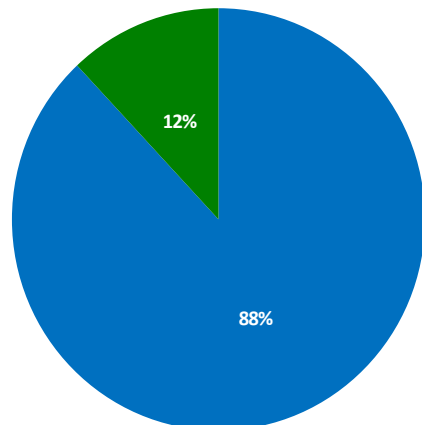
■ Most certainly ■ Certainly ■ Neutral ■ Probably ■ No way

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



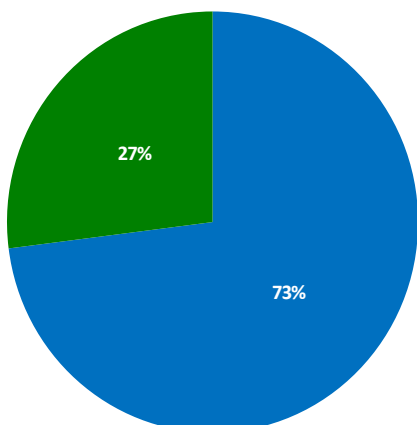
■ Very useful ■ Useful ■ Neutral ■ Limited usefulness ■ Useless

Skull Base, Foramens, Cranial Fossae



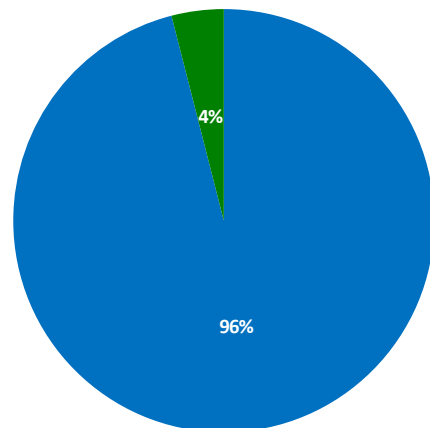
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Hip Joint, Pelvic Bone, Gluteal Region, Femur, Thigh



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

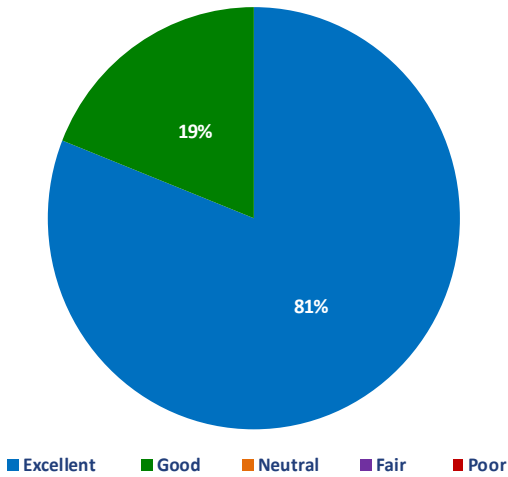
Osteology of Vertebrae, Spinal Cord, Back



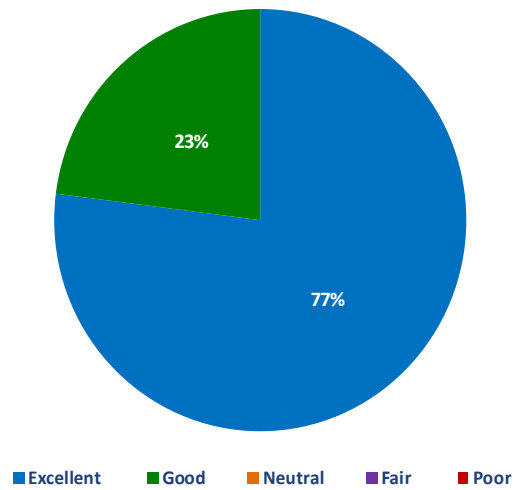
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Overall Feedback

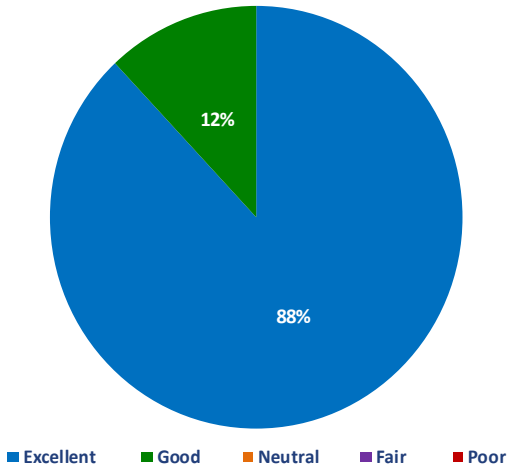
Anterior Abdominal Wall, Inguinal Region, External Genitalia



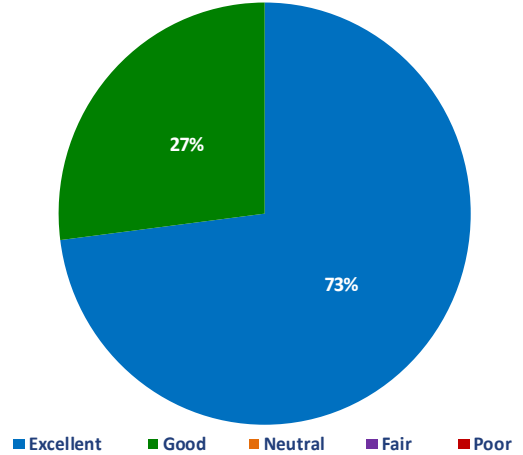
Liver, Gallbladder, Pancreas, Spleen, Stomach



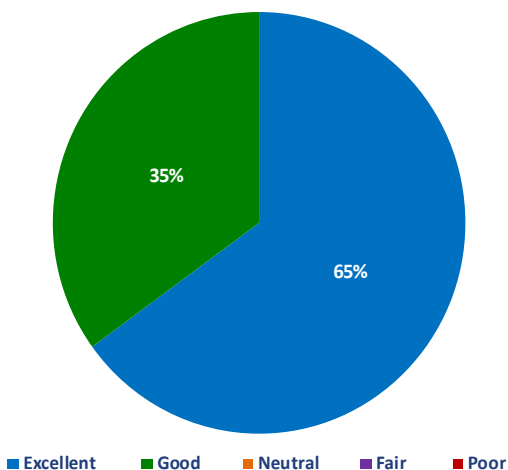
Soft Tissue of the Face, Orbit, Nasal Cavity, Infratemporal Fossa, Muscles of Mastication, TMJ



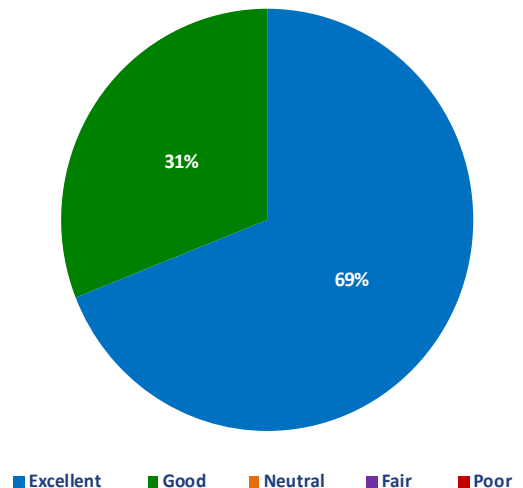
Dural Partitions, Circle of Willis, Strokes, Dural Venous Sinuses, Flow of CSF, Hydrocephalus



Knee, Knee Joint, Lower Leg, Ankle, Foot

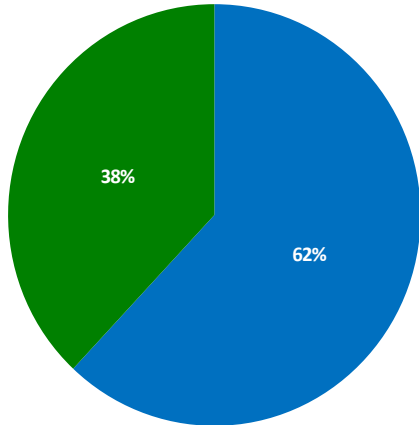


Small and Large Bowel, Pelvis



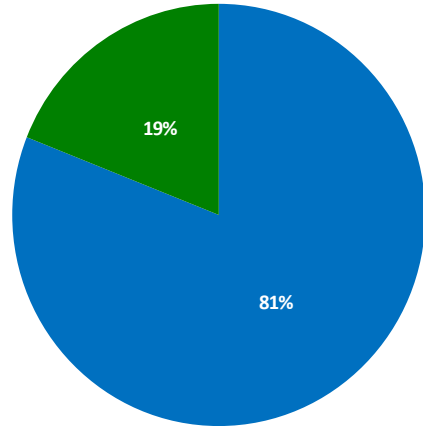
Overall Feedback

Male and Female Reproductive Organs, Perineum



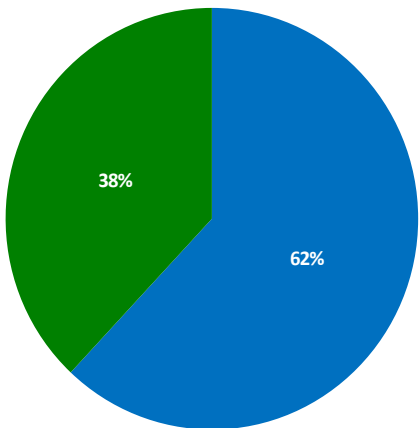
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Would you recommend this course to a friend?



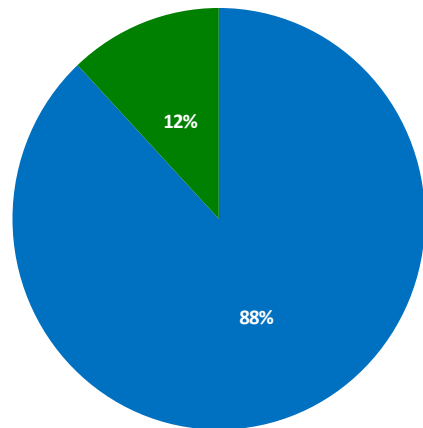
■ Most certainly ■ Certainly ■ Neutral ■ Maybe ■ Don't think so

How were the refreshments and lunch?



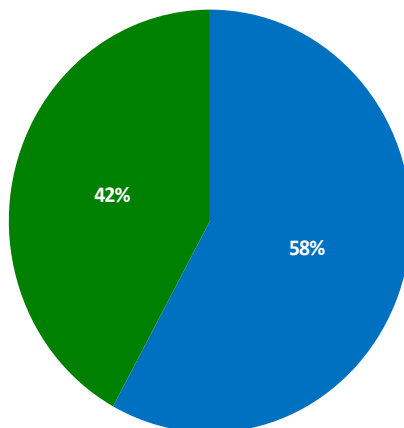
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

How was the general friendliness of the faculty and organisers?



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

How were the facilities and venue?



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Individual Comments

Excellent course. Well organised lectures and useful OSCE.

AS
Newham General Hospital, London, UK

Very good course.

SB
Freeman Hospital, Newcastle upon Tyne, UK

Five stars.

MK
Royal Sussex County Hospital, Brighton, UK

Excellent, here's hoping the exam goes as well as the mock did!

KE
Derriford Hospital, Plymouth, UK

Very useful, liked it.

AD
Doncaster and Bassetlaw Teaching Hospitals NHS Foundation Trust, UK

Excellent.

JS
Wirral University Teaching Hospital NHS Foundation Trust, UK

A fantastic course that has helped focus revision and go through things in detail that is difficult with ongoing COVID pandemic.

JH
Torbay District General Hospital, Torquay, UK

Very useful course, highlighted gaps in knowledge and excellent quality teaching to augment my own revision prior to the upcoming exam.

CG
Royal Hospitals, Belfast, UK

Good.

PY
University Hospital Hairmyres, Glasgow, UK

Great faculty who were keen and enthusiastic to teach and go over any doubts. Worth it. Thank you Prof Enoch and team for your hard work arranging the course to happen during COVID.

HM
Derriford Hospital, Plymouth, UK

Individual Comments

Fantastic.

PP

Derriford Hospital, Plymouth, UK

In five intense days we've covered most of the syllabus for the exam, this I would never have achieved on my own. I got the general idea of what I need to review and lots of tips about station strategy either from recently examined peers or former examiners. The pre- and post-course resources are of very good quality and invaluable for further revision. Price for all five days may seem high but given the amount of human resources, use of cadavers and quality and amount of insider information I feel it was a good investment. The course considerably increased the probability of success - my impression is that by attending this course my chances to pass the exam have increased by 30-50%.

JD

Whipps Cross University Hospital, London, UK

I enjoyed every bit of the course. It was a very high yield course covering important topics. The faculty were easily approachable, friendly and supportive. They identified strengths and weaknesses for a candidate to build on ahead of the exam. It gave me the much required confidence ahead of the exam.

AA

Southend University Hospital NHS Foundation Trust, UK

The course was excellent and I had a great experience. The content was relevant, the information was concise, and highlighted knowledge gaps in a friendly and supportive environment. Would recommend.

PL

Walsall Healthcare NHS Trust, UK

It was wonderful. It was very intense, but I feel like this will be very, very helpful for my exams. The mock exam gave me an insight on my strong and weak topics, and the feedback received has been very helpful in deciding what areas that I need to focus on.

AS

Royal Wolverhampton Hospitals NHS Trust, UK

Very thorough and well thought out. Faculty were approachable and understood what was expected for the exam.

CJ

Morrison Hospital, Swansea, UK



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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
- International Academic and Research Conference
- World University Anatomy Challenge

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:

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

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