

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

Feedback - January 2019

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. The course provided a focused revision of pertinent exam topics in this area, and aided 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:	18th and 19th January 2019
Venue:	Welsh Centre for Anatomical Education, Sir Martin Evans Building, Cardiff University
Attendance:	43 Delegates
Aimed at:	Delegates looking to take their Membership of 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

0825 Start of Teaching

0825 - 0835 Introduction by Professor Stuart Enoch

0835 - 0855 Professor Stuart Enoch: Overview of Anatomy Relevant to MRCS OSCE

0855 - 0905 Aprons and Formation of Groups

0905 - 1040

Small Group Demonstrations:

- Station 1: Forearm, Wrist and Hand
- Station 2: Soft Tissues of the Neck, Larynx, Pharynx, Palate, Floor of Mouth, Tongue
- Station 3: Pelvic Bone, Hip Joint, Gluteal Region and Thigh
- Station 4: Anterior Abdominal Wall, Abdominal Incisions, Inguinal Region and External Genitalia
- Station 5: Thoracic Skeleton, Ribs, Sternum, Thorax and Mediastinum (Except Heart and Lung)
- Station 6: Osteology of Vertebrae; Brain and Neurosciences
- Station 7: Sutures, Vault of the Skull, Dural Partitions, Cranial Fossae, Foramina and Structures Traversing the Foramina

1040 - 1100

Refreshment Break

1100 - 1300

Small Group Demonstrations:

- Station 1: Forearm, Wrist and Hand
- Station 2: Soft Tissues of the Neck, Larynx, Pharynx, Palate, Floor of Mouth, Tongue
- Station 3: Pelvic Bone, Hip Joint, Gluteal Region and Thigh
- Station 4: Anterior Abdominal Wall, Abdominal Incisions, Inguinal Region and External Genitalia
- Station 5: Thoracic Skeleton, Ribs, Sternum, Thorax and Mediastinum (Except Heart and Lung)

Course Programme

- Station 6: Osteology of Vertebrae; Brain and Neurosciences
- Station 7: Sutures, Vault of the Skull, Dural Partitions, Cranial Fossae, Foramina and Structures
Traversing the Foramina

1300 - 1340

Lunch Break

1340 - 1510

Small Group Demonstrations:

- Station 1: Scapula, Clavicle, Humerus, Brachial Plexus, Shoulder and Arm
- Station 2: Soft Tissue of the Face, Orbit, Nasal Cavity, Lateral Wall of the Nose, Infratemporal Fossa
Pterygopalatine Fossa, Muscles of Mastication, TMJ
- Station 3: Knee, Knee Joint, Lower Leg, Ankle, Ankle Joint and Foot
- Station 4: Liver, Gall Bladder, Pancreas, Spleen
- Station 5: Heart and Lung
- Station 6: Spinal Cord, Spinal Cord Lesions and Cord Compression
- Station 7: System-Specific and General Pathology Topics

1510 - 1530

Refreshment Break

1530 - 1730

Small Group Demonstrations:

- Station 1: Scapula, Clavicle, Humerus, Brachial Plexus, Shoulder and Arm
- Station 2: Soft Tissue of the Face, Orbit, Nasal Cavity, Lateral Wall of the Nose, Infratemporal Fossa
Pterygopalatine Fossa, Muscles of Mastication, TMJ
- Station 3: Knee, Knee Joint, Lower Leg, Ankle, Ankle Joint and Foot
- Station 4: Liver, Gall Bladder, Pancreas, Spleen
- Station 5: Heart and Lung
- Station 6: Spinal Cord, Spinal Cord Lesions and Cord Compression
- Station 7: System-Specific and General Pathology Topics

1730 - 1915

Professor Stuart Enoch: General and System Specific Pathology

1915

End of Day One

Course Programme

Day Two

0745 Start of the Day

0745 - 0845 Professor Stuart Enoch: Surface Anatomy and OSCE Pointers

0845 - 1020

Small Group Demonstrations

- Station 1: Revision of Upper Limb
- Station 2: Revision of Skull, Face and Neck
- Station 3: Revision of Lower Limb
- Station 4: Pelvis; Perineum; Male and Female Reproductive Organs
- Station 5: Revision of Thorax, Heart and Lung
- Station 6: Revision of Back, Spinal Cord and Neurosciences
- Station 7: Vascular Surgery and General Abdomen

1020 - 1040

Refreshment Break

1040 - 1230

Small Group Demonstrations:

- Station 1: Revision of Upper Limb
- Station 2: Revision of Skull, Face and Neck
- Station 3: Revision of Lower Limb
- Station 4: Pelvis; Perineum; Male and Female Reproductive Organs
- Station 5: Revision of Thorax, Heart and Lung
- Station 6: Revision of Back, Spinal Cord and Neurosciences
- Station 7: Vascular Surgery and General Abdomen

1230 - 1300

Lunch Break

Course Programme

1310 - 1510

**Professor Stuart Enoch:
Mock Viva/OSCE/Spotters/Pathology**

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

1510 - 1530

Refreshment Break

1530 - 1730

**Professor Stuart Enoch:
Mock Viva/OSCE/Spotters/Pathology**

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 Spotters and OSCE Questions: General Revision

1900 - 1915

Summary and General Feedback

1915

End of Course

Faculty List

Tutors

Dr Alan Watson, BSc, PhD

Reader in Anatomy and Neuroanatomist
University of Cardiff

Mr Darren Yap, MRCS, DOHNS

Specialist Registrar in Otolaryngology
Wexham Park Hospital, Slough

Ms Florentina Luiza Popescu, MD, MRCS

Cardiopulmonary Transplant Fellow
Queen Elizabeth Hospital, Birmingham

Dr Hannah Shaw, PhD

Lecturer in Anatomy
University of Cardiff

Mr Joseph Merola, MRCS (Eng)

Clinical Fellow in Neurosurgery
University Hospital of Wales

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

Consultant Vascular Surgeon
Royal Glamorgan Hospital

Mr Kumar Kaushik Dash, MBBS, MRCS(Ed)

Speciality Trainee in Orthopaedics
Golden Jubilee National Hospital, Clydebank

Mr Morgan Bayley, MB BCh, MRCS

Specialist Registrar in Trauma and Orthopaedics
All 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 Combella, MBBCh, MRCS

Speciality Registrar in Cardiothoracic Surgery
University Hospital of Wales, Cardiff

Mr Umair Aslam, MRCS, FRCS

Senior Registrar in Cardiothoracic Surgery
Morrison Hospital, Swansea

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

Research Fellow - Imperial College
Specialist Registrar in General Surgery - Oxford Deanery
Lecturer and Surgical Tutor - Doctors Academy

Faculty List

Trainee Tutors

Mr Adam Esa, MBBCh, PGCert, MRCS(Ed)

Specialist Trainee in Orthopaedics
Bristol Royal Infirmary

Miss Daisy Ryan, BSc(Hons), MBBS, PGCert, MRCS

Specialist Trainee in Plastic Surgery
University Hospitals Bristol NHS Foundation Trust

Mr Hasan Raza Mohammad, MBChB, MRCS, MRes(Dist)

Research Fellow, Specialist Trainee in Orthopaedic Surgery
University of Oxford

Mr Louai Abdeh, MRCS

Specialist Trainee in Surgery
Manchester Royal Infirmary, Manchester

Miss Mona Kamal, MBChB, MRCS

Specialist Trainee in Surgery
Queen Elizabeth Hospital, Birmingham

Mr Rami Ben Hmida, MBBCh, MRCS

Specialist Trainee in Surgery
Whipps Cross University Hospital, London

Mr Stanley Masunda, MBChB, MRCS

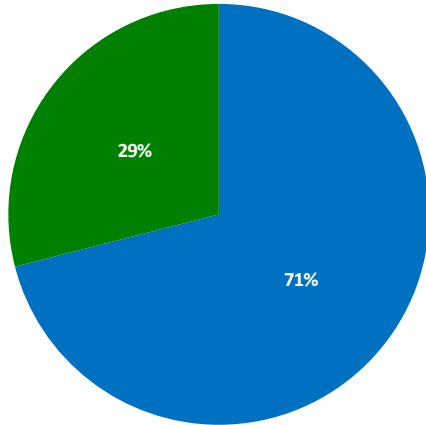
Specialist Trainee in Plastic Surgery
Norfolk and Norwich University Hospitals NHS Foundation Trust

Miss Zoe James, MBBCh, BSc, MRCS

Specialist Trainee in Surgery
University Hospital of Wales, Cardiff

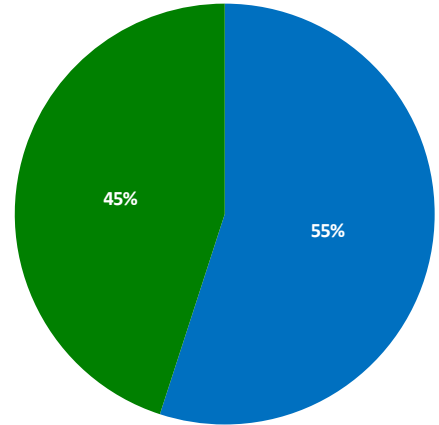
Overall Teaching Feedback

How useful was the introductory anatomy session on Friday morning?



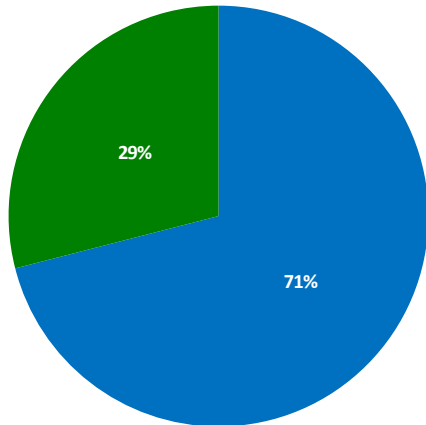
■ Very useful ■ Useful ■ Neutral ■ Limited usefulness ■ Useless

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



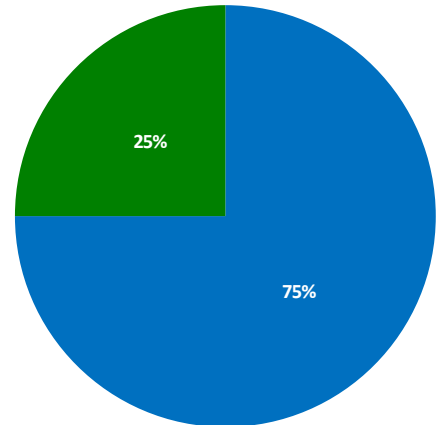
■ Very useful ■ Useful ■ Neutral ■ Limited usefulness ■ Useless

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



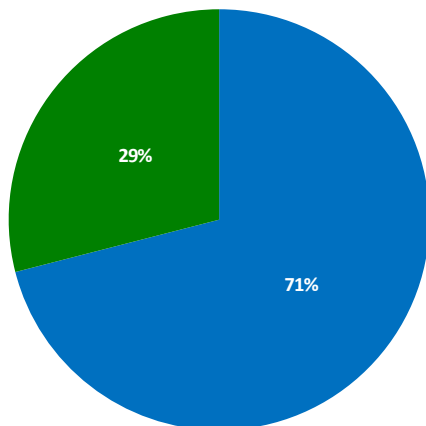
■ Very useful ■ Useful ■ Neutral ■ Limited usefulness ■ Useless

How was the teaching using prosections and anatomical material?



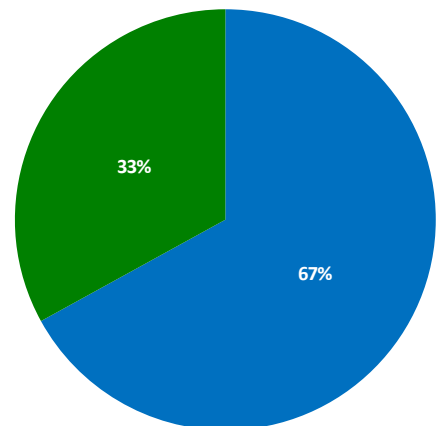
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

How was the clarity of the demonstrations?



■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

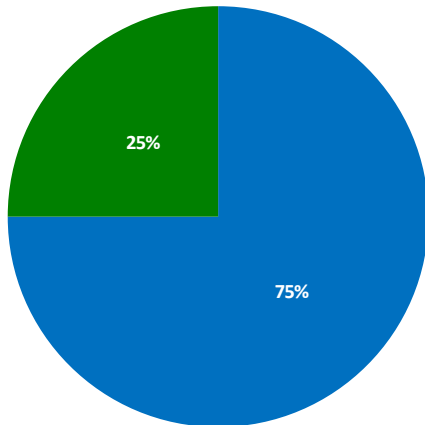
How would you rate the general academic standard of the demonstrators?



■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

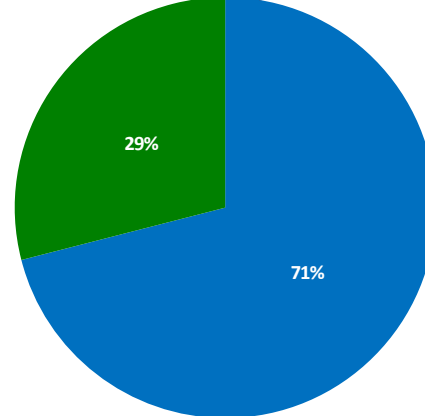
Overall Teaching Feedback

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



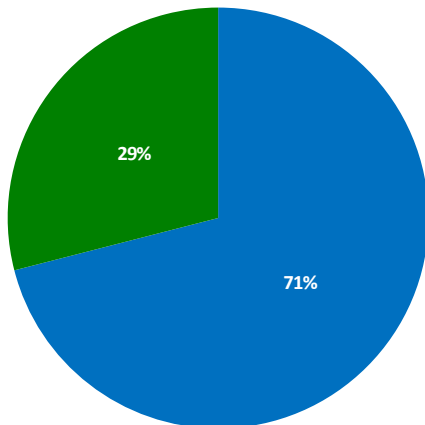
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

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



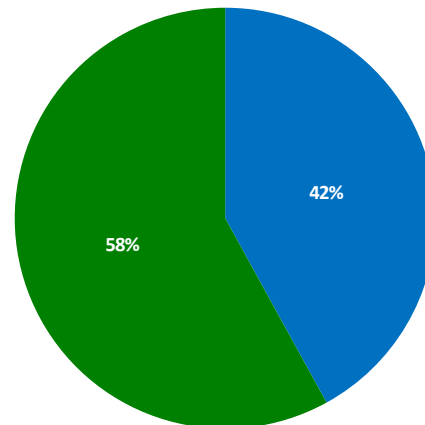
■ Most certainly ■ Certainly ■ Neutral ■ Probably ■ No way

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



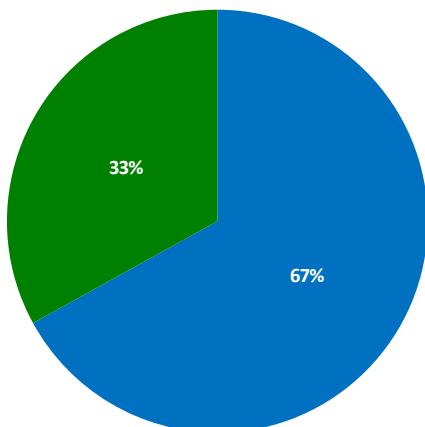
■ Very useful ■ Useful ■ Neutral ■ Limited usefulness ■ Useless

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



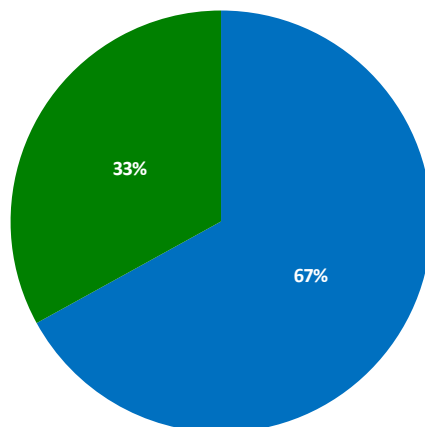
■ Very useful ■ Useful ■ Neutral ■ Limited usefulness ■ Useless

Skull Base



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

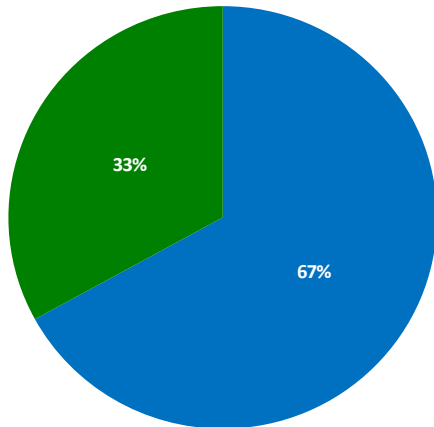
Thoracic Skeleton, Ribs, Sternum, Thorax and Mediastinum



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

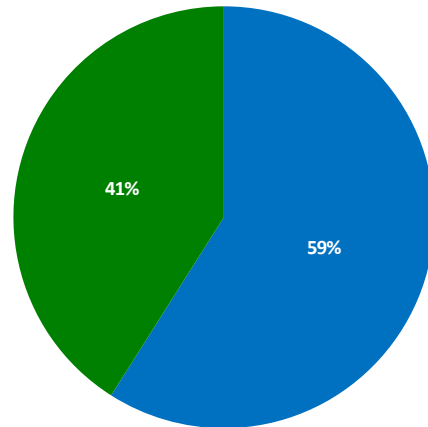
Overall Teaching Feedback

Brachial Plexus, Shoulder and Arm



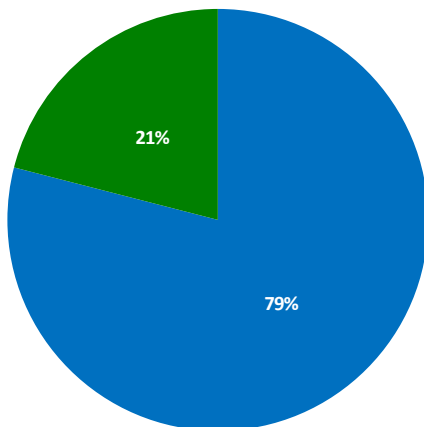
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Anterior Abdominal Wall and Inguinal Region



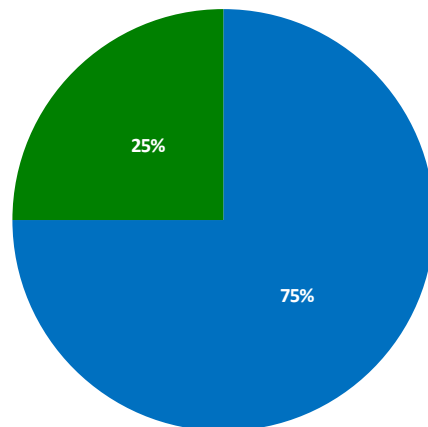
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Hip Joint, Gluteal Region and Femoral Triangle



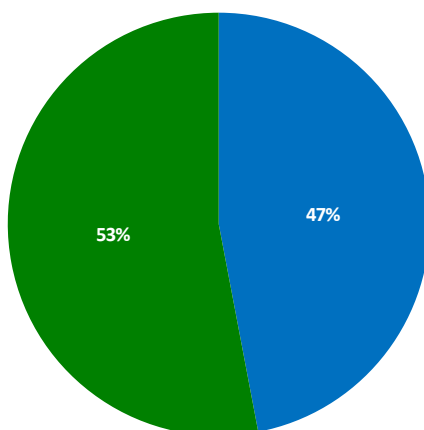
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Vertebrae and Spinal Cord



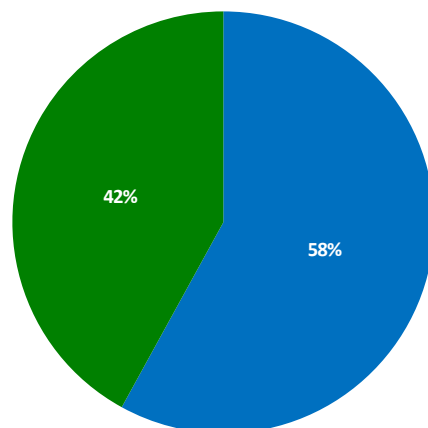
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Soft Tissue of Face



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

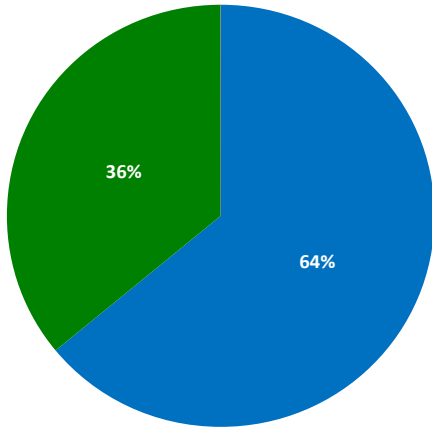
Neck and Larynx



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

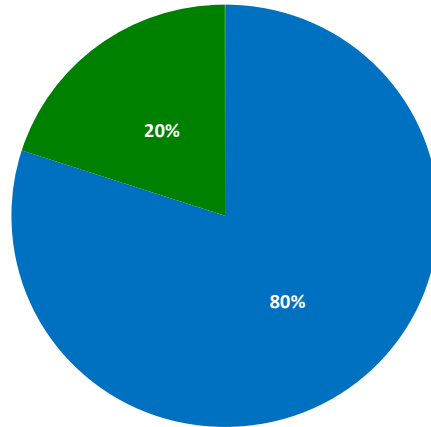
Overall Teaching Feedback

Heart and Lung



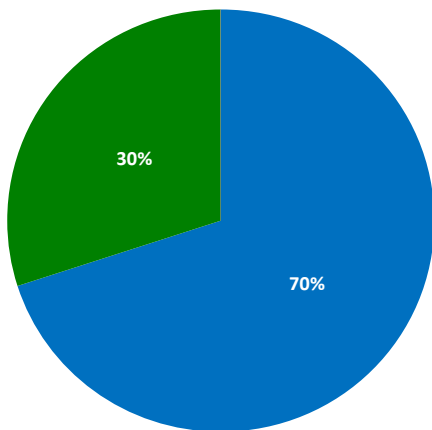
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Liver, Gall Bladder, Pancreas, Spleen and Stomach



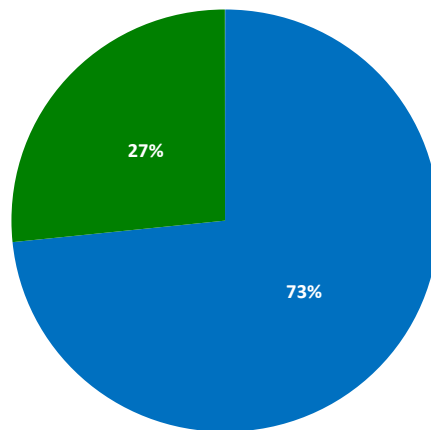
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Knee, Lower Leg and Ankle



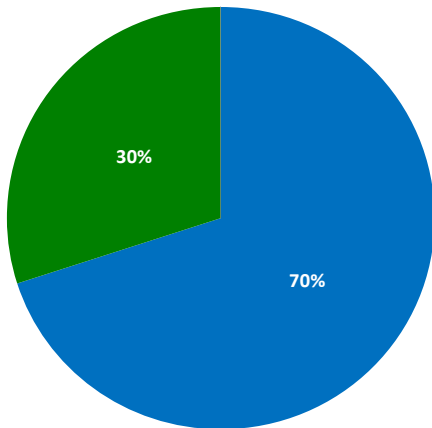
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Hollow Organs of the Abdomen/Small Intestine/Colon



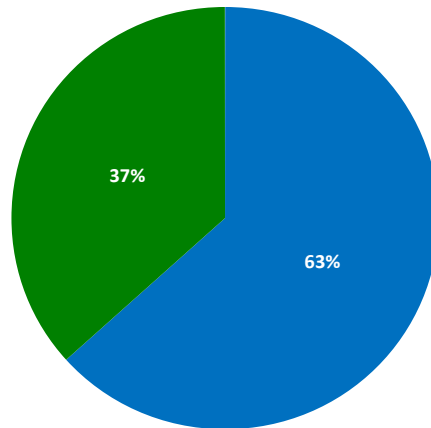
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Pelvis; Perineum; Male and Female Reproductive Organs



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

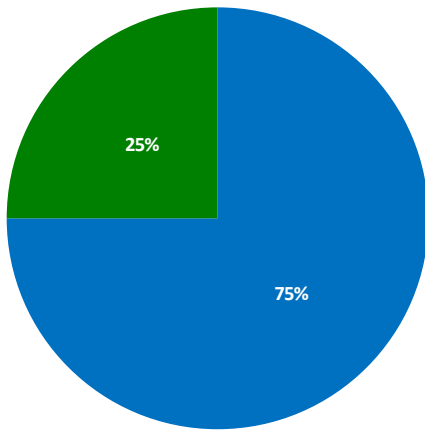
Cubital Fossa, Forearm, Wrist and Hand



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

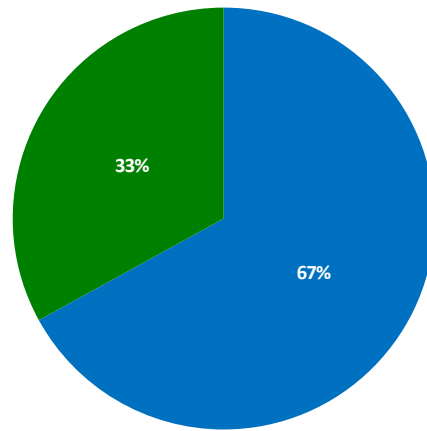
Overall Teaching Feedback

Heart and Lung



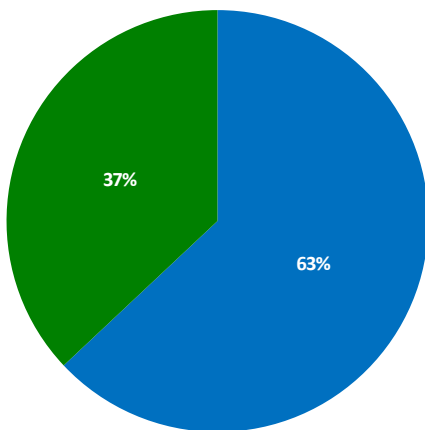
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Liver, Gall Bladder, Pancreas, Spleen and Stomach



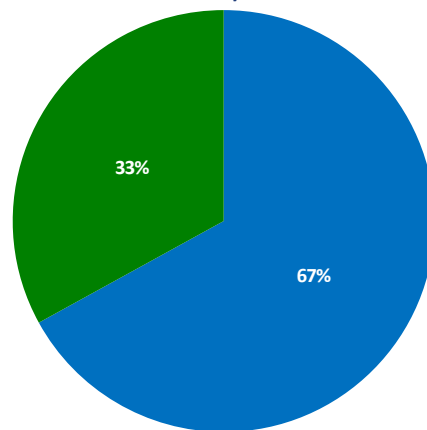
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Knee, Lower Leg and Ankle



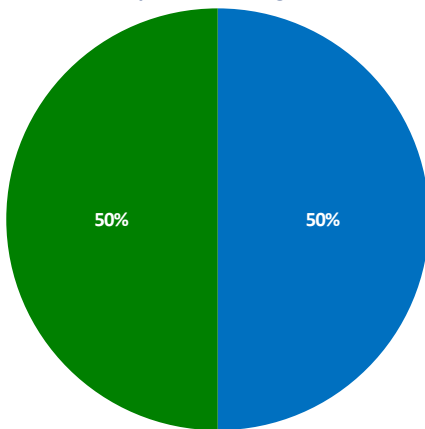
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Hollow Organs of the Abdomen/Small Intestine/Colon



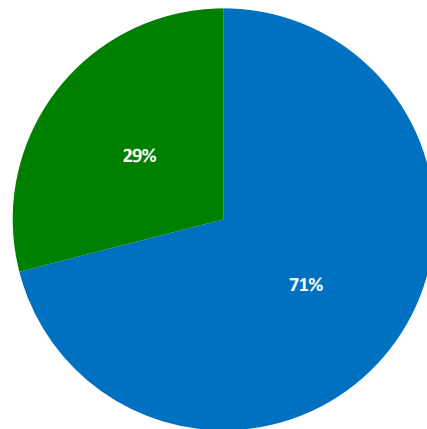
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Pelvis; Perineum; Male and Female Reproductive Organs



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

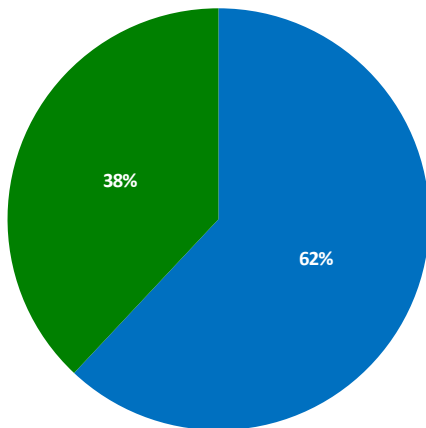
Cubital Fossa, Forearm, Wrist and Hand



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

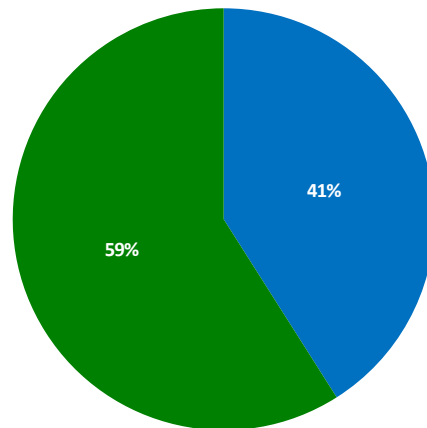
Overall Teaching Feedback

Anatomy of Brain and Its Pathologies



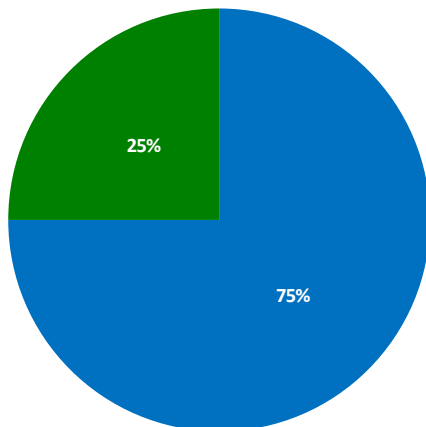
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Discussion of General Pathology



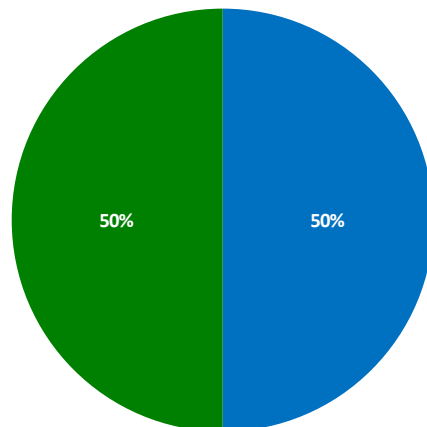
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Would you recommend this course to a friend?



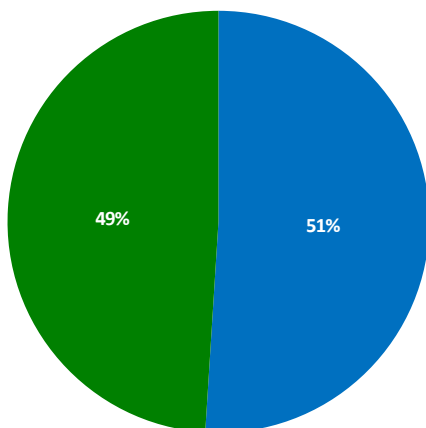
■ Most certainly ■ Certainly ■ Neutral ■ Maybe ■ Don't think so

How were the refreshments and lunch?



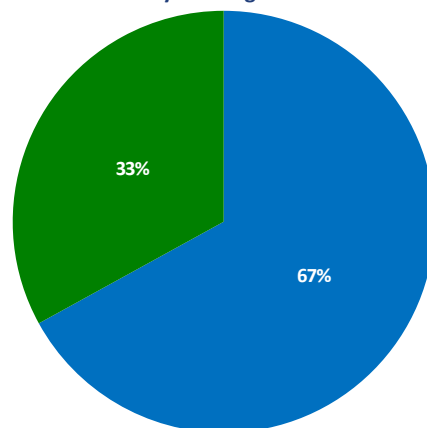
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

How were the facilities and venue?



■ 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

Good.

AS
Queen Elizabeth Medical Centre, Birmingham, UK

It was exhausting, but I was satisfied with vast amount of reinforced knowledge.

MZ
Queen Elizabeth Medical Centre, Birmingham, UK

Very good.

SC
Columbia Asia Hospital, Pune, India

It was an enjoyable experience. I would highly recommend it.

EC
St Helier Hospital, Carshalton, UK

Great.

AM
North Manchester General Hospital, Manchester, UK

Great - thank you.

LH
Musgrove Park Hospital, Taunton, UK

It was useful to get an idea of what needs to be focused on, the majority of the stations were excellent with particular focus on the neuro and spine stations - those tutors really stood out.

AC
Russells Hall Hospital, Dudley, UK

Good.

LS
Royal Gwent Hospital, Newport, UK

It was excellent.

AB
Southmead Hospital, Bristol, UK

Excellent.

MA
Monklands Hospital, North Lanarkshire, UK

Individual Comments

Incredible anatomy course. It was as good as I was told by my colleagues. I would highly recommend the anatomy session to everyone.

PR

Frimley Park Hospital, Frimley, UK

Excellent.

SE

Mater Dei Hospital, Malta

Excellent.

JG

Mater Dei Hospital, Malta

Amazing.

MQ

Blackpool Victoria Hospital, Blackpool, UK

Very good.

HW

Torbay and Southern Devon Health and Care NHS Trust, 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



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
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