

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

Feedback - April 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:	13th and 14th April 2018
Venue:	Welsh Centre for Anatomical Education, Sir Martin Evans Building, University of Cardiff
Attendance:	31 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 LT
- 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 1040-1100)

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: Scapula, Clavicle, Humerus, Brachial Plexus, Shoulder and Arm
- 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: Knee, Knee Joint, Lower Leg, Ankle, Ankle Joint and Foot

1250 - 1330

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: Soft tissue of the face, orbit, nasal cavity, lateral wall of nose, infratemporal fossa, pterygopalatine fossa, muscles of mastication, TMJ
- Station 2: Forearm, Wrist and Hand
- Station 3: Vertebrae, Back and Spinal Cord
- Station 4: Pelvis; Perineum; Male and Female Reproductive Organs
- Station 5: Heart and Lung
- Station 6: Lower Limb Revision and Vascular Anatomy

1715 - 1915 Venue - Anatomy LT

- General and System Specific Pathology (120 mins) - Professor S Enoch

1915 **END OF DAY 1**

Course Programme

Day Two

0730 Start of Day

0735 - 0835 Venue: Anatomy lecture theatre

- Surface Anatomy and OSCE Pointers - Professor S Enoch (60 mins)

0840 – 1220 (including break for refreshments from 1020 - 1040):

Small group demonstration (30 minutes per station); venue: Dissection room

- Station 1: Revision of Skull and Face
- Station 2: Soft tissues Of the Neck, Larynx, Pharynx, Palate, Floor of Mouth, Tongue
- Station 3: Liver, Gall Bladder, Pancreas, Spleen; Retroperitoneum
- Station 4: Oesophagus, Stomach; Kidneys, Ureter, Adrenals
- Station 5: Hollow Organs, Colon and Colorectal Surgery
- Station 6: Osteology – Upper and Lower Limb Osteology/Revision

1220 - 1250

Lunch Break; venue: C0.12

Course Programme

1250 – 1650 (with break for refreshments 1440 – 1500):

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

1650 - 1830 Discussion of Spotters and OSCE questions; General Revision

1830 - 1845 Summary and general feedback

1845 End of Course!

Faculty List

Tutors

Mr Ahmed Waqas, MBBS, MCPS, FCPS, MRCS(Ed), FRCS

Senior Registrar in General Surgery
Queen Alexandra Hospital, Portsmouth

Mr Andrew Miller, MB BCh, MSc, MRCS

Senior Registrar in Orthopaedic Surgery
University Hospital of Wales

Mr Edmund Leung, DMedSci, MRCS, FRCS

Consultant General Surgeon
Hereford County Hospital

Mr Farhan Khalid, BDS, MFDS, FFD, MBChB, MRCSEd

Speciality Registrar in MaxFax Surgery
Arrowe Park Hospital, Wirral

Miss Helen Perry, MRCS

Speciality Registrar in Vascular Surgery
Royal Glamorgan Hospital

Ms Katarzyn Konieczny, MD, MRCS, DOHNS

Speciality Registrar in Otorhinolaryngology
East Surrey Hospital

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 Mike Rees, MBChB, MRCS

Speciality Registrar in General Surgery
Royal Gwent Hospital, Newport

Mr Osian James, MRCS

Speciality Trainee in General Surgery
Royal Glamorgan Hospital

Dr Paul Morgan, FRCA

Consultant Intensivist
University Hospital of Wales, Cardiff

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

Registrar in Trauma and Orthopaedics
Wales Deanery

Faculty List

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

Trainee Tutors

Mr Carlon Fitzpatrick, BSc, MD, MRCS

Speciality Trainee in Trauma and Orthopaedics
William Harvey Hospital, Ashford

Mr Martin Sharrock, MBChB, MRCS

Speciality Trainee in Orthopaedics
The Royal Oldham Hospital, Oldham

Ms Sumera Baloch, MBBS, MRCS

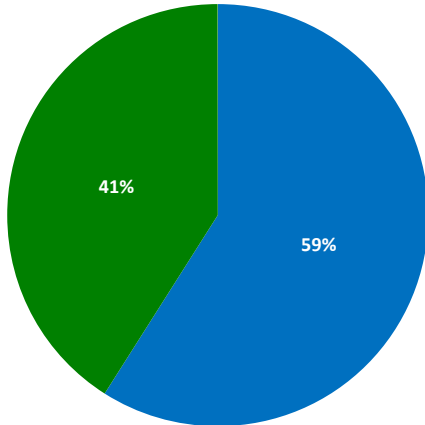
Speciality Trainee in General Surgery
Wrexham Maelor Hospital, Wrexham

Mr Thomas Edwards, MRCS

Speciality Registrar in Trauma and Orthopaedics
North West Thames Deanery

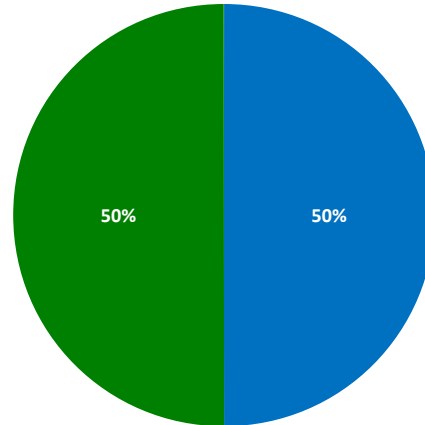
Overall Teaching Feedback

How useful was the introductory Anatomy session on Friday morning?



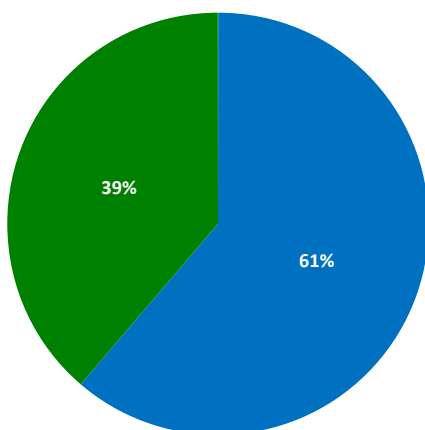
■ Very useful ■ Useful ■ Neutral ■ Limited Usefulness ■ Useless

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



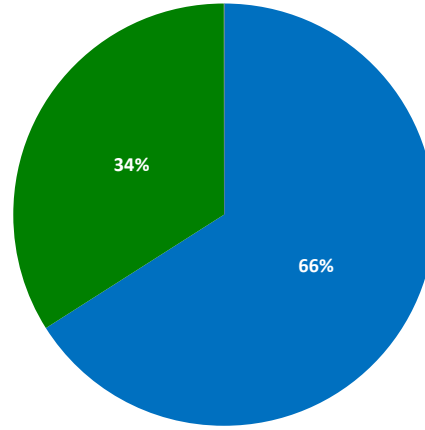
■ Very useful ■ Useful ■ Neutral ■ Limited Usefulness ■ Useless

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



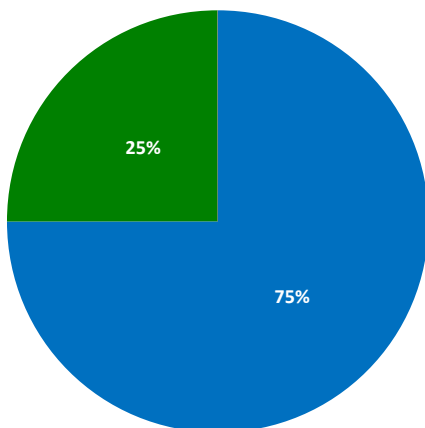
■ Very useful ■ Useful ■ Neutral ■ Limited Usefulness ■ Useless

How was the teaching using prosections and anatomical material?



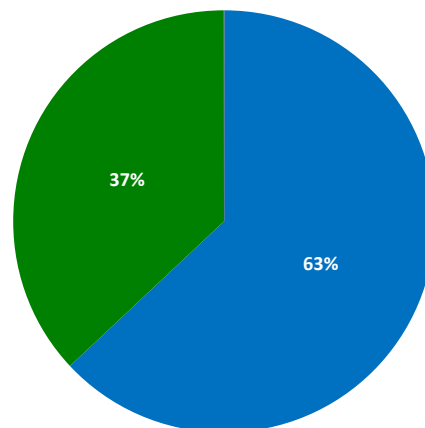
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

How was the clarity of the demonstrations?



■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

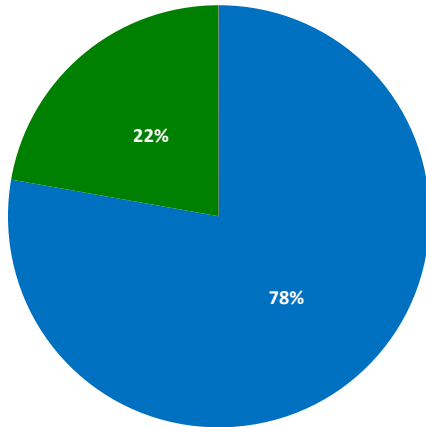
How would you rate the general academic standard of the demonstrators?



■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

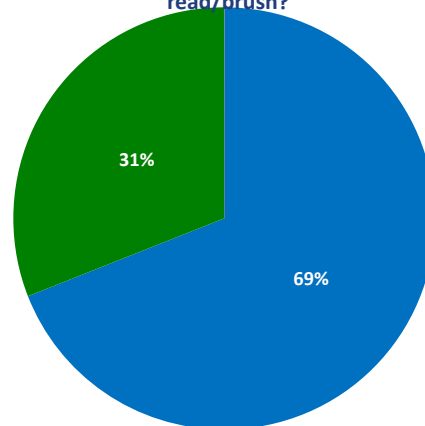
Overall Teaching Feedback

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



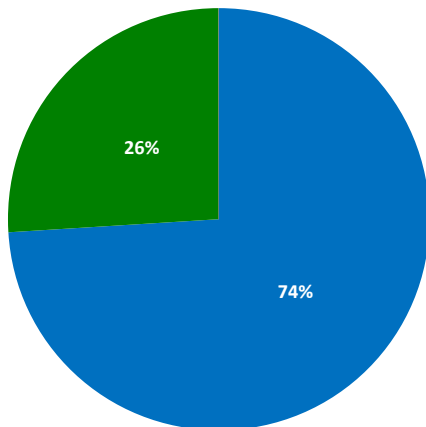
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

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



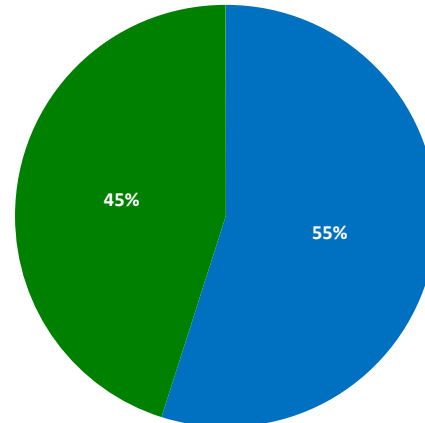
■ Most certainly ■ Certainly ■ Neutral ■ Probably ■ No way

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



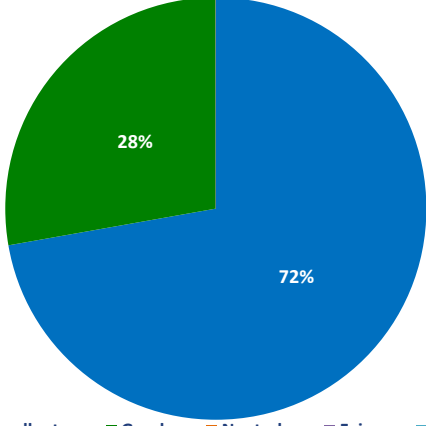
■ Very useful ■ Useful ■ Neutral ■ Limited Usefulness ■ Useless

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



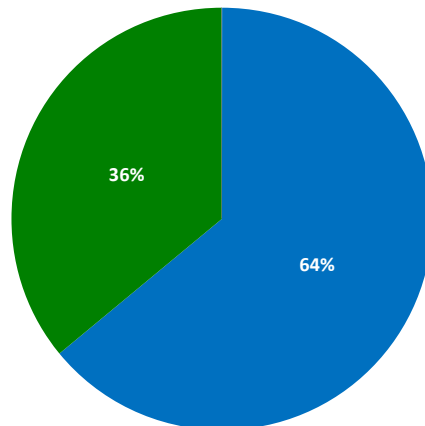
■ Very useful ■ Useful ■ Neutral ■ Limited Usefulness ■ Useless

Sutures, Vault of the Skull, Dural Partitions, Dural Venous Sinuses, Cranial Fossae, Foramina and Structures Traversing the Foramina



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

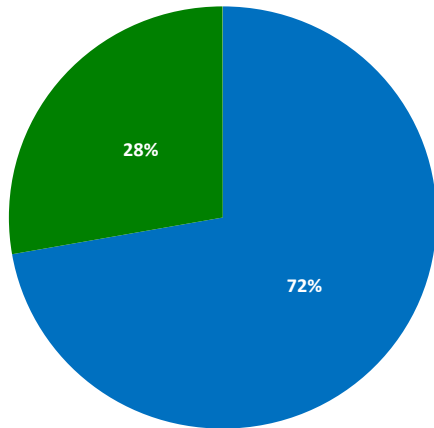
Thoracic Skeleton, Ribs, Sternum, Thorax and Mediastinum



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

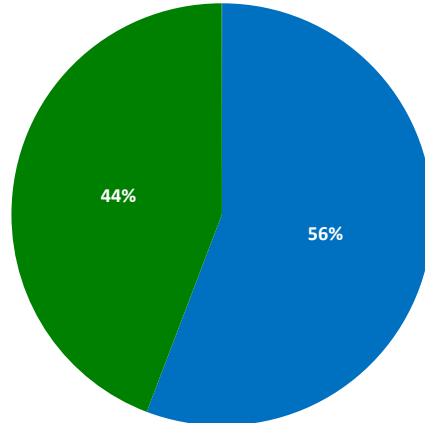
Overall Teaching Feedback

Scapula, Clavicle, Humerus, Brachial Plexus, Shoulder and Arm



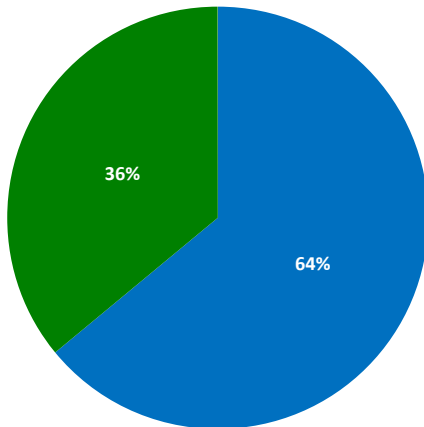
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Anterior Abdominal Wall, Abdominal Incisions, Inguinal Region and External Genitalia



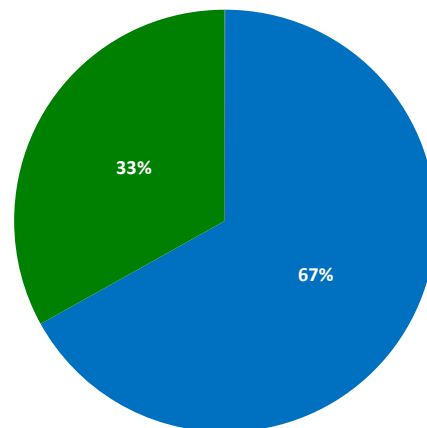
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Hip Joint, Gluteal Region, Femoral Triangle, Compartments of the Thigh



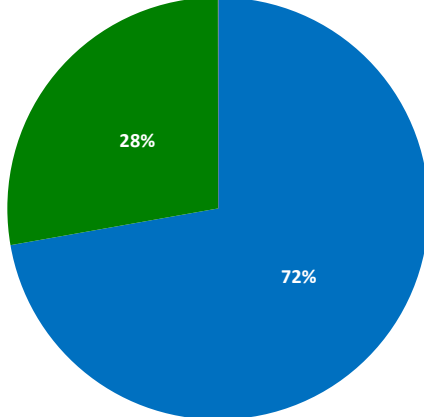
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Vertebrae and Spinal Cord



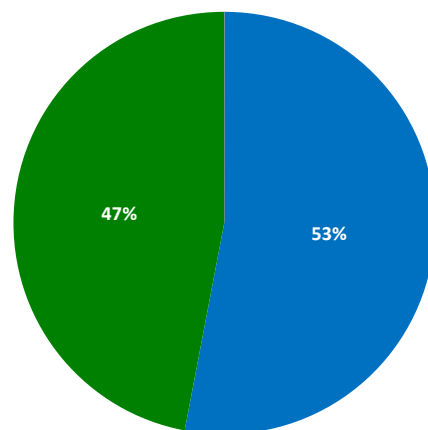
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Bony boundaries of the Orbit, Temporal bone, Maxilla, Nasal cavity, Lateral wall of Nose, Soft Tissue of Face, Sinuses, Facial Muscles



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

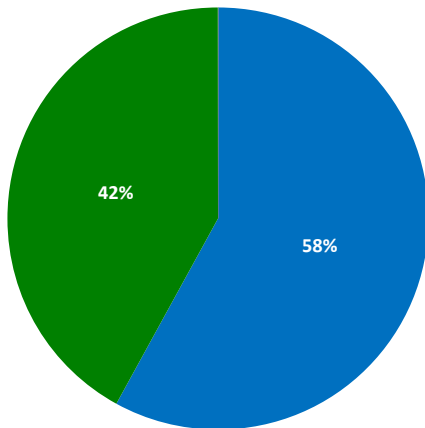
Soft tissues of the Neck, Larynx, Pharynx, Palate, Floor of Mouth, Tongue



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

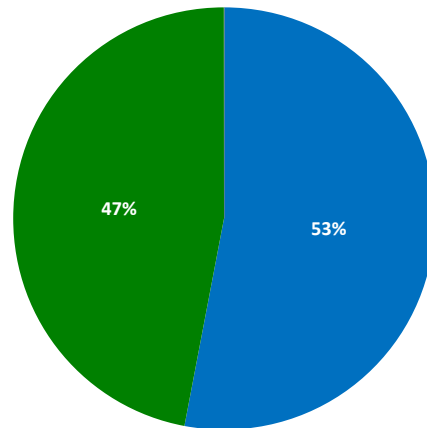
Overall Teaching Feedback

Heart and Lung



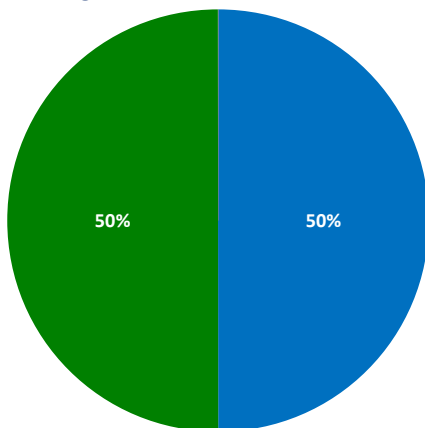
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Liver, Gall Bladder, Pancreas, Spleen and Stomach



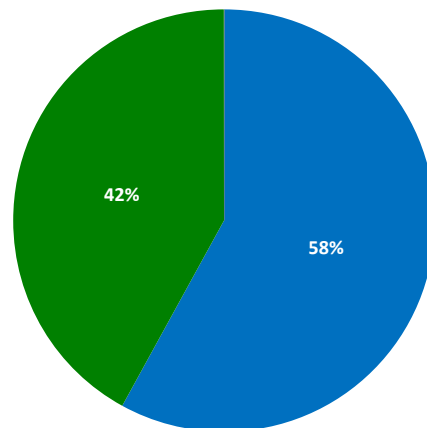
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Knee, Knee Joint, Compartment of the Lower Leg, Ankle, Ankle Joint and Foot



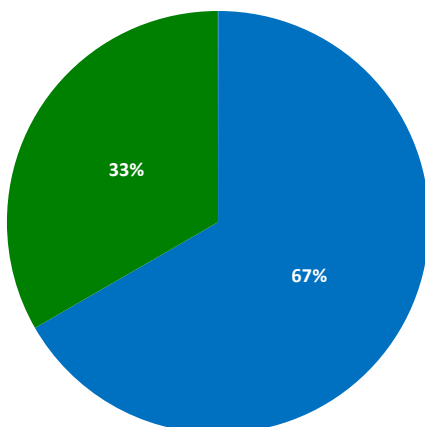
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Upper Limb Osteology



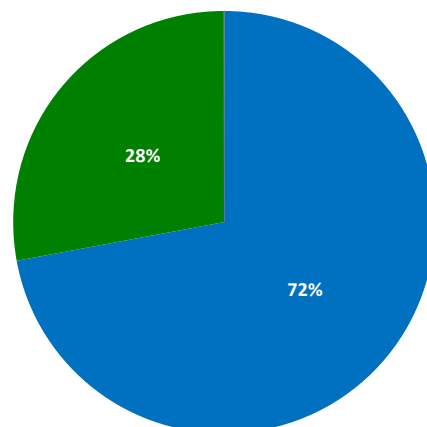
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Lower Limb Osteology



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

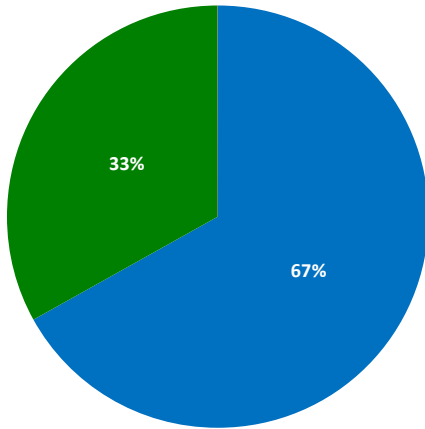
Revision of Skull and Face



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

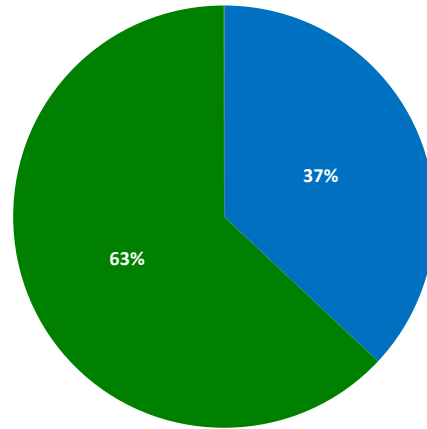
Overall Teaching Feedback

Hollow Organs of the Abdomen/Small Intestine/Colon



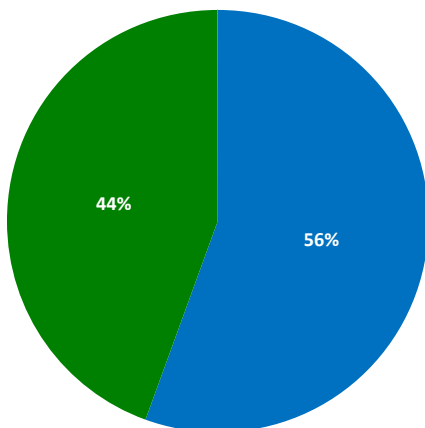
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Pelvis, Renal System, Kidneys and Ureters; Urological Conditions



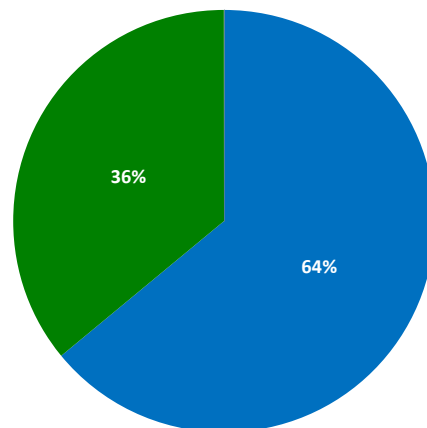
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Cubital fossa, Forearm, Wrist and Hand



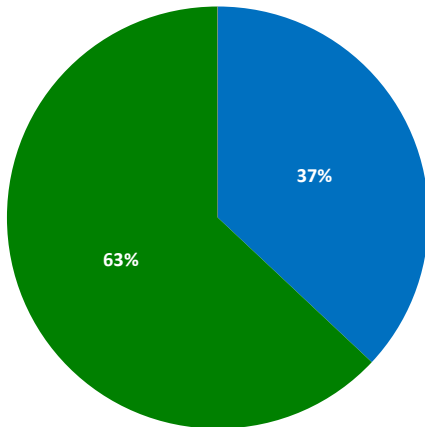
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Kidney, Suprarenal gland, Ureter



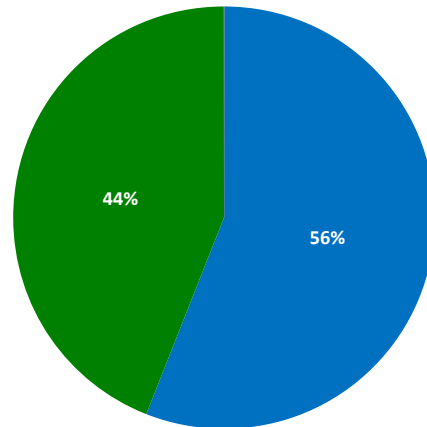
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Perineum; Anal Canal; Male and Female Reproductive Organs



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

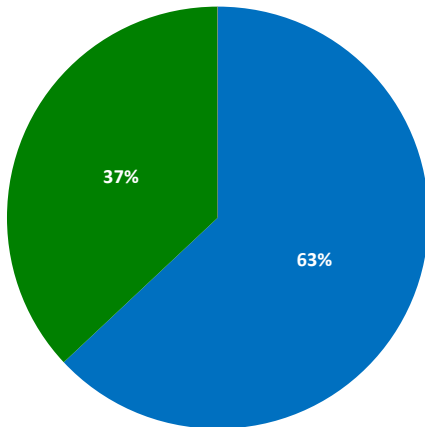
Stomach, Oesophagus and Upper GI Surgery



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

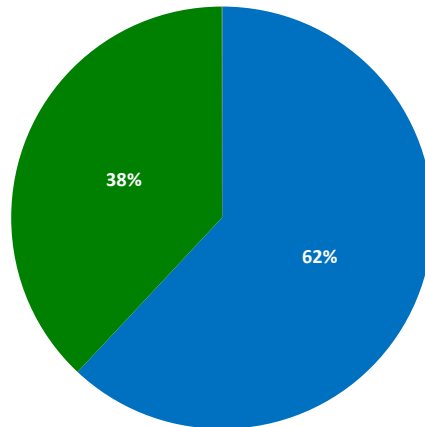
Overall Teaching Feedback

Head and Neck



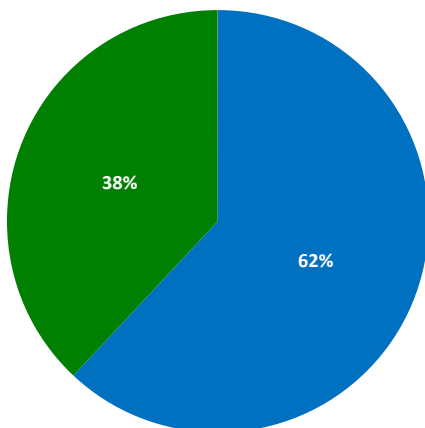
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Upper limb



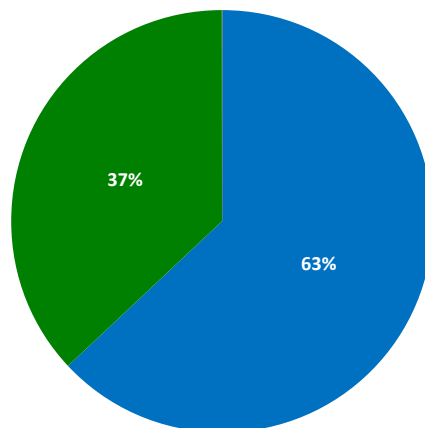
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Abdomen



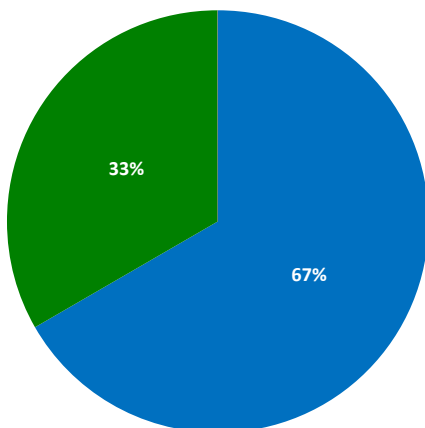
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Pelvis



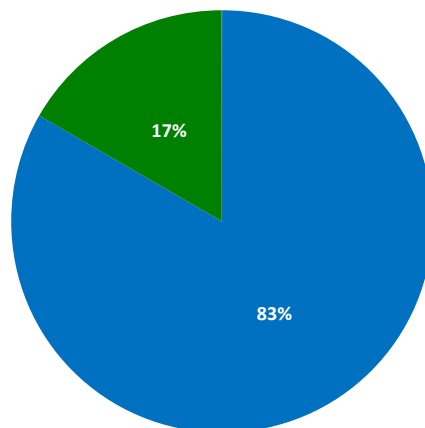
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Lower limb



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

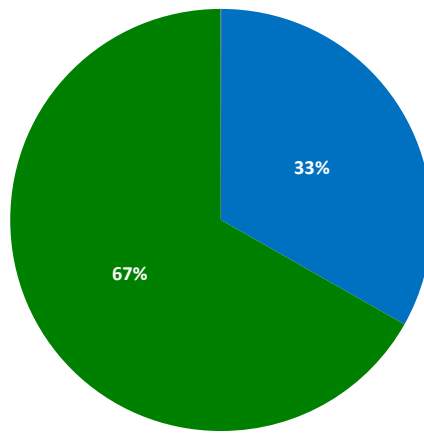
Would you recommend this course to a friend?



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

Overall Teaching Feedback

How were the refreshments and lunch?



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

Individual Comments

Very well organised. Ran to time.

EK

Southmead Hospital, Bristol

Very good.

AA

Addenbrooke's Hospital, Cambridge

This was the most useful part of the course. They were 2 days very well spent in terms of course content, style and clarity of delivery etc. I will certainly recommend this course.

OK

Doncaster Royal Infirmary, Doncaster

Very well organised, ran to time. Very intense but good!

AS

St George's Hospital (London), London

Good.

KR

Altnagelvin Area Hospital, Londonderry



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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, 6th to 10th August 2018
- **International Academic and Research Conference**
Manchester, 11th August 2018
- **World University Anatomy Challenge**
Manchester, 9th and 10th August 2018

Publications



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