

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

**Feedback - January 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

<b>Course date:</b>	<b>26<sup>th</sup> and 27<sup>th</sup> January 2018</b>
<b>Venue:</b>	<b>Welsh Centre for Anatomical Education, Sir Martin Evans Building, University of Cardiff</b>
<b>Attendance:</b>	<b>50 Delegates</b>
<b>Aimed at:</b>	<b>Delegates looking to take their membership to the Royal College of Surgeons Part B exam.</b>
<b>Course fee:</b>	<b>£395.00</b>

## 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: Hip Joint, Gluteal Region, Femoral Triangle, Compartments of the Thigh
- Station 6: Lower Limb Osteology
- Station 7: Vertebrae and Spinal Cord

**1250 - 1340**

**Lunch break; venue E1.03**

# Course Programme

**1340 - 1700** (including 20 minute break for refreshments from 1510 - 1530):

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

- Station 1: Bony boundaries of the Orbit, Temporal bone, Maxilla, Nasal cavity, Lateral wall of Nose, Soft Tissue of Face, Sinuses, Facial Muscles
- Station 2: Soft tissues of the Neck, Larynx, Pharynx, Palate, Floor of Mouth, Tongue
- Station 3: Heart and Lung
- Station 4: Liver, Gall Bladder, Pancreas, Spleen and Stomach
- Station 5: Knee, Knee Joint, Compartment of the Lower Leg, Ankle, Ankle Joint and Foot
- Station 6: Upper Limb Osteology
- Station 7: Spinal Cord, Blood Supply, Lesions, Cauda Equina

**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 - 0900** Venue: Anatomy lecture theatre

- General and System Specific Pathology - Part II (75 mins) - Professor S Enoch

**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: Hollow Organs of the Abdomen/Small Intestine/Colon
- Station 3: Pelvis, Renal System, Kidneys and Ureters; Urological Conditions
- Station 4: Cubital fossa, Forearm, Wrist and Hand
- Station 5: Overview of Vascular Anatomy
- Station 6: Perineum; Anal Canal; Male and Female Reproductive Organs
- Station 7: Lower Limb Revision including Osteology
- Station 8: HPB and Upper GI Surgery including Abdominal Trauma/Damage Control Surgery

**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

**1820 - 1830**                      Summary and general feedback

**1830**                                End of Course!

# Faculty List

## Tutors

**Dr Alan Watson, BSc, PhD**

Reader in Anatomy and Neuroanatomist  
University of Cardiff

**Mr Andrew Miller, MB BCh, MSc, MRCS**

Senior Registrar in Orthopaedic Surgery  
University Hospital of Wales

**Ms Danielle Lowry, MBChB, MRCS**

Speciality Registrar in Vascular Surgery  
Royal Glamorgan Hospital

**Mr Edmund Leung, DMedSci, MRCS, FRCS**

Consultant General Surgeon  
Hereford County Hospital

**Dr Hannah Shaw, PhD**

Lecturer in Anatomy  
University of Cardiff

**Ms Katarzyn Konieczny, MD, MRCS, DOHNS**

Speciality Registrar in Otorhinolaryngology  
East Surrey Hospital

**Miss Maria Loredana Popescu, MBBS, MRCP, MRCS**

Speciality Registrar in Trauma and Orthopaedics  
Derriford Hospital, Plymouth

**Mr Murtadhah Mohammed Kurdi Jalal, MBChB, MRCS, MD**

Speciality Registrar in Orthopaedic Surgery  
Royal Infirmary of Edinburgh, Edinburgh

**Mr Pallavoor Anandaram, MBBS, MS, FRCS Ed, Dip Urol. (London)**

Consultant Urological Surgeon  
Wrexham Maelor Hospital

**Mr Rahul Deshpande, MBBS, MS, FRCS, FRCS (Gen Surg)**

Consultant Hepatobiliary and Pancreatic Surgeon  
Central Manchester University Hospitals

**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

**Mr Umair Aslam, MRCS**

Senior Registrar in Cardiothoracic Surgery  
Morrison Hospital, Swansea

## Faculty List

**Mr Vishal Kumar, MBBS, MRCS**

Speciality Registrar in Trauma and Orthopaedics  
Glan Clwyd Hospital

**Miss Yan Li Goh, MBChB, MRCS, PG Dip, Clin Ed.**

Speciality Registrar in General Surgery  
West Midlands Deanery

**Miss Yan Mei Goh, MBChB, MRCS, PG Dip, Clin Ed.**

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

### Trainee Tutors

**Mr Adrien Yvon, MBChB, MRes(Dist), MRCS(Eng)**

Speciality Trainee in Surgery  
Nottingham University Hospitals NHS Trust

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

Registrar in General Surgery  
Queen Alexandra Hospital, Portsmouth

**Mr Mohammedabbas Remtulla, MBBS, BSc, MRCS(Ed)**

Registrar in Trauma and Orthopaedics  
Russells Hall Hospital, Dudley

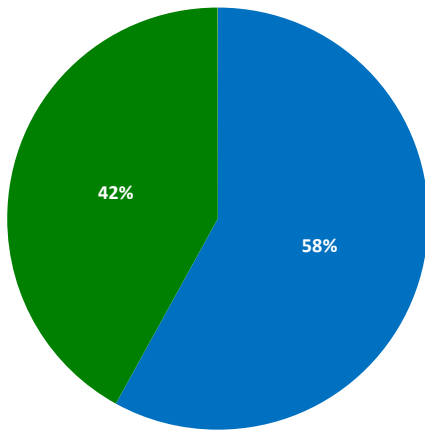
**Mr Yousif Hamad, MBBS, MRCS(Eng)**

Registrar in General Surgery  
Weston Area Health NHS Trust



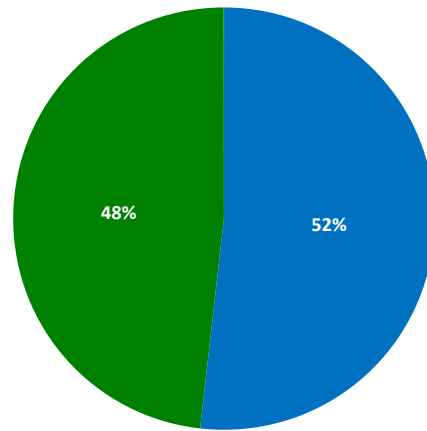
# Overall Teaching Feedback

How useful was the introductory Anatomy session on Friday morning?



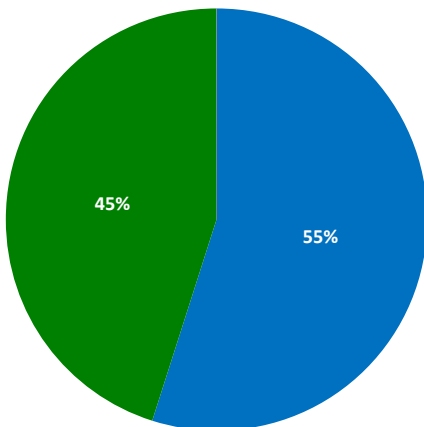
■ Very useful ■ Useful ■ Neutral ■ Limited Usefulness ■ Useless

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



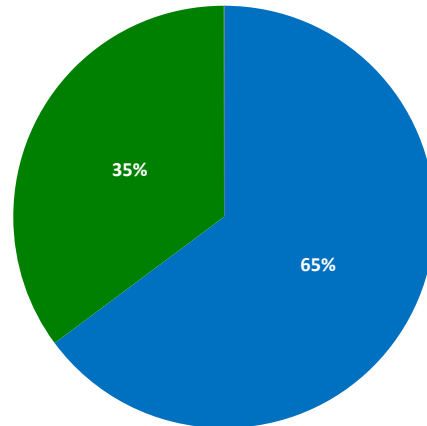
■ Very useful ■ Useful ■ Neutral ■ Limited Usefulness ■ Useless

How useful was the teaching on general pathology and tumours on Saturday morning?



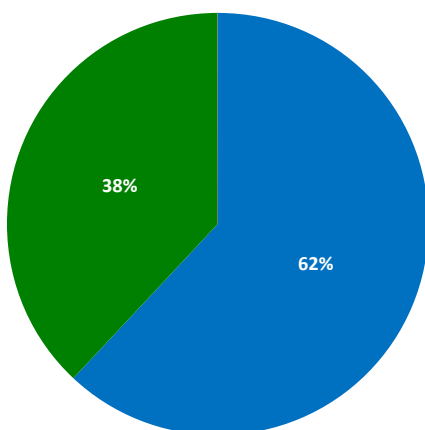
■ Very useful ■ Useful ■ Neutral ■ Limited Usefulness ■ Useless

How was the teaching using prosections and anatomical material?



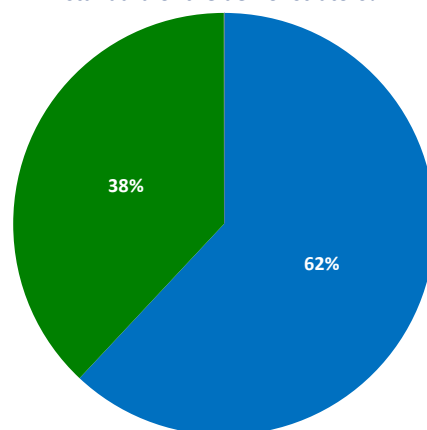
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

How was the clarity of the demonstrations?



■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

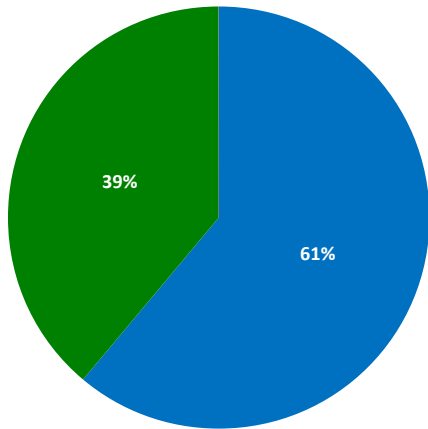
How would you rate the general academic standard of the demonstrators?



■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

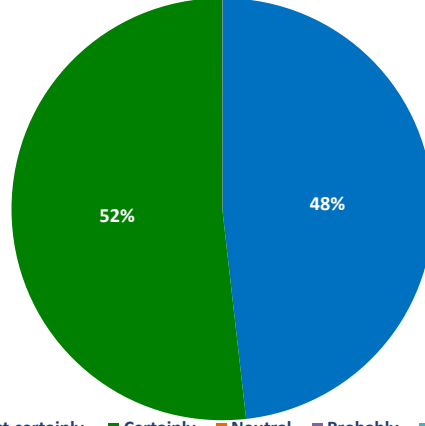
# Overall Teaching Feedback

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



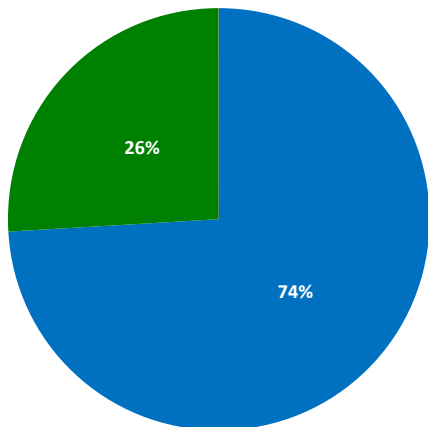
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

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



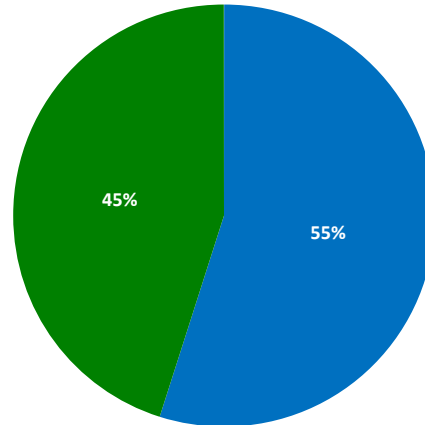
■ Most certainly ■ Certainly ■ Neutral ■ Probably ■ No way

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



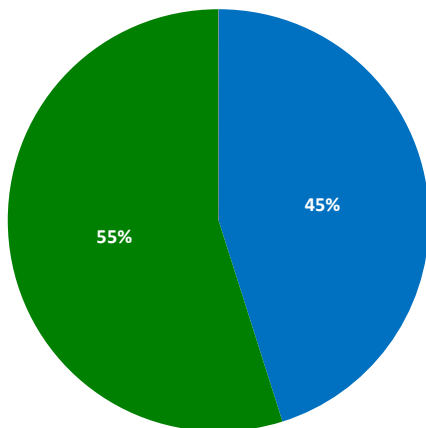
■ Very useful ■ Useful ■ Neutral ■ Limited Usefulness ■ Useless

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



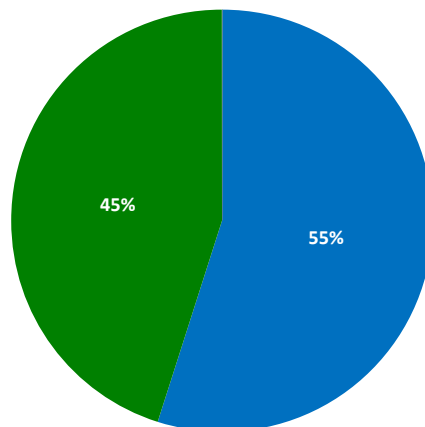
■ Very useful ■ Useful ■ Neutral ■ Limited Usefulness ■ Useless

Introduction to the Format of the Course



■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

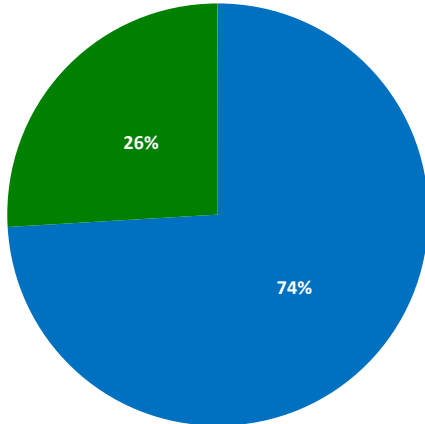
Overview of anatomy relevant to MRCS OSCE



■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

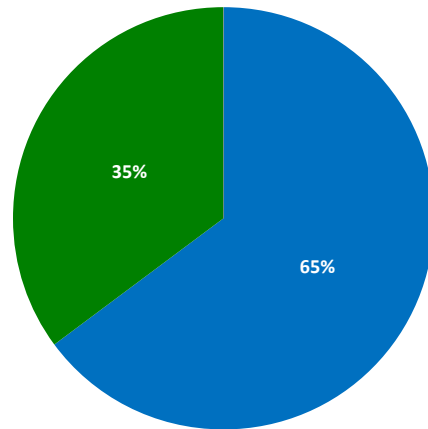
# Overall Teaching Feedback

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



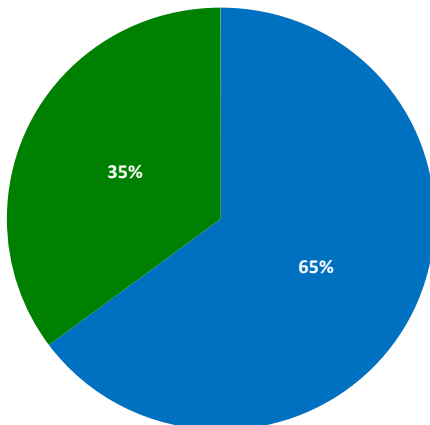
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

Thoracic Skeleton, Ribs, Sternum, Thorax and Mediastinum



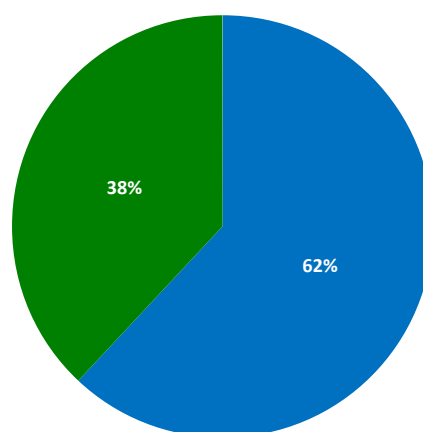
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

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



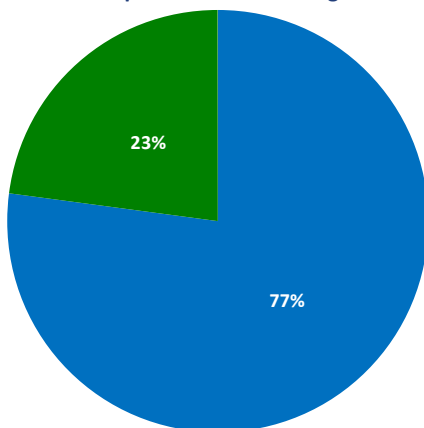
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

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



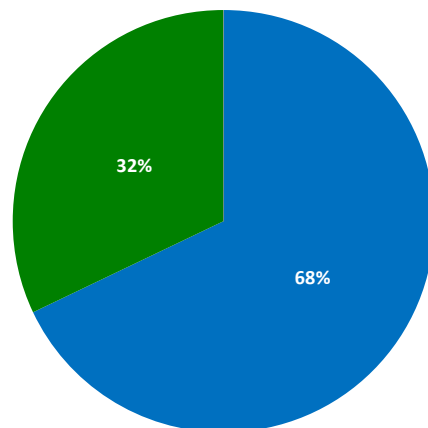
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

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



■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

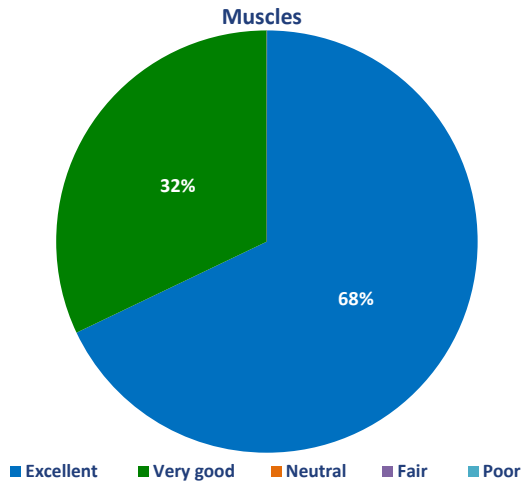
Vertebrae and Spinal Cord



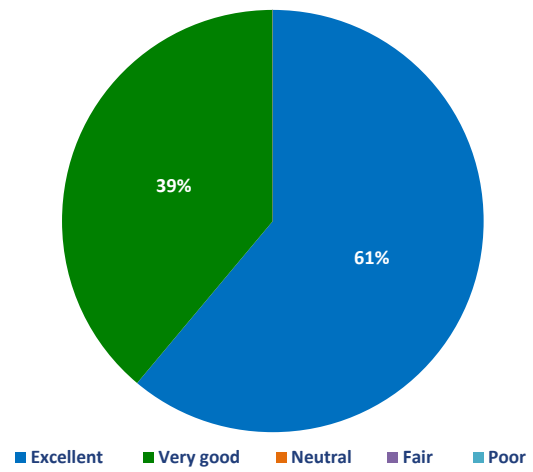
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

# Overall Teaching Feedback

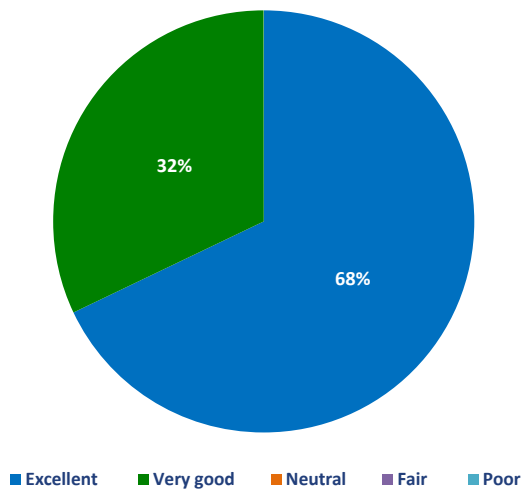
Bony boundaries of the Orbit, Temporal bone, Maxilla, Nasal cavity, Lateral wall of Nose, Soft Tissue of Face, Sinuses, Facial Muscles



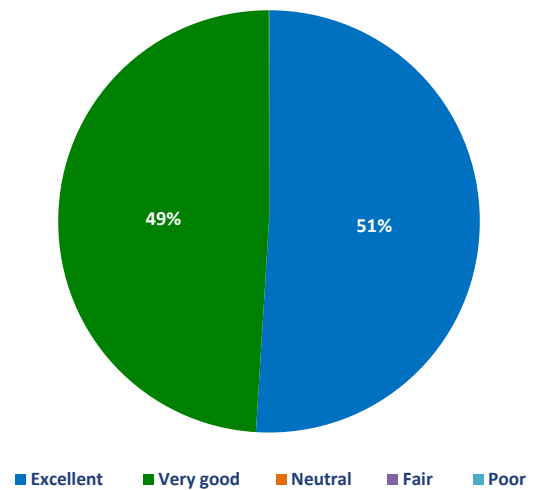
Soft tissues of the Neck, Larynx, Pharynx, Palate, Floor of Mouth, Tongue



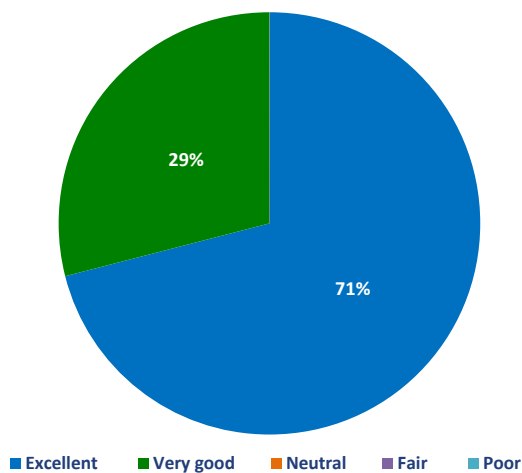
Heart and Lung



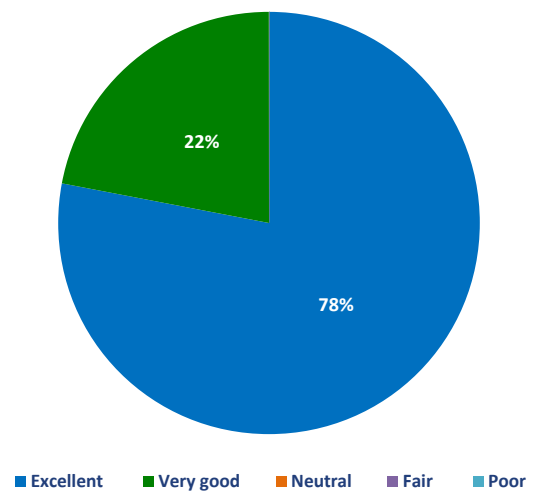
Liver, Gall Bladder, Pancreas, Spleen and Stomach



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

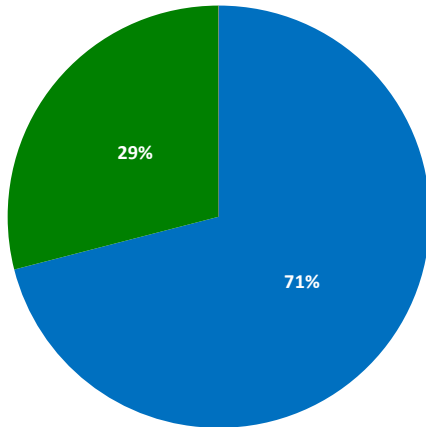


Upper Limb Osteology



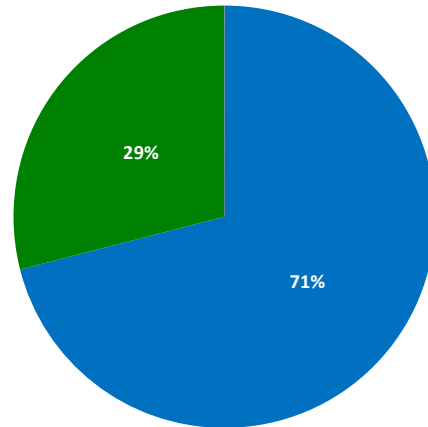
# Overall Teaching Feedback

Spinal Cord, Blood Supply, Lesions, Cauda Equina



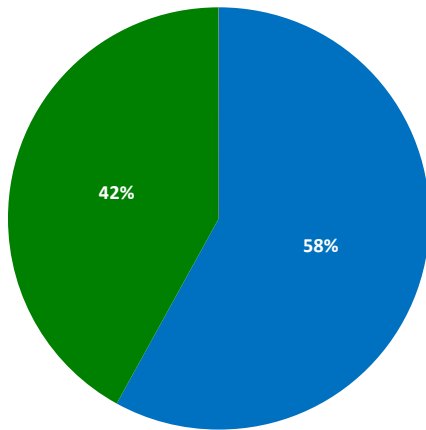
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

Revision of Skull, Face and Neck



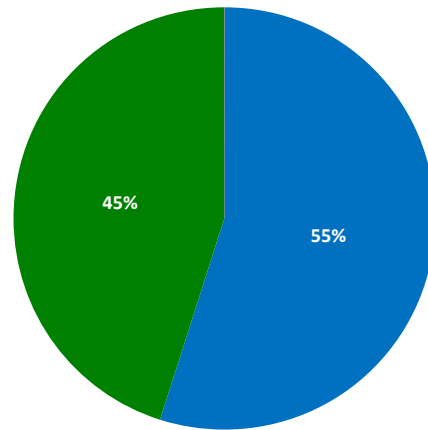
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

Hollow Organs of the Abdomen/Small Intestine/Colon



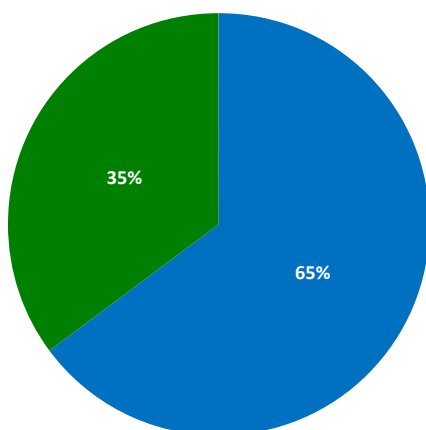
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

Pelvis, Renal System, Kidneys and Ureters; Urological Conditions



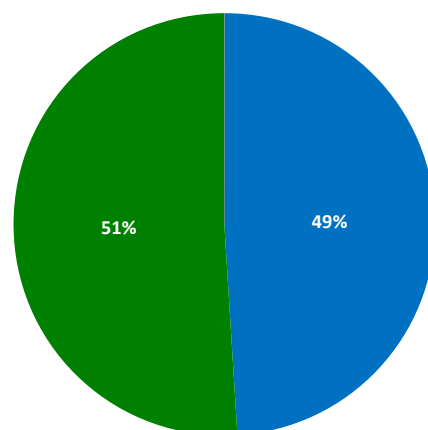
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

Cubital fossa, Forearm, Wrist and Hand



■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

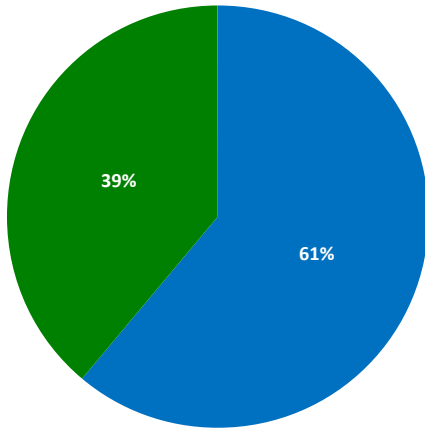
Overview of Vascular Anatomy



■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

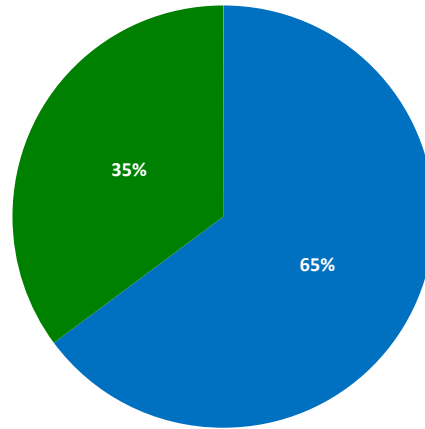
# Overall Teaching Feedback

Perineum; Anal Canal; Male and Female Reproductive Organs



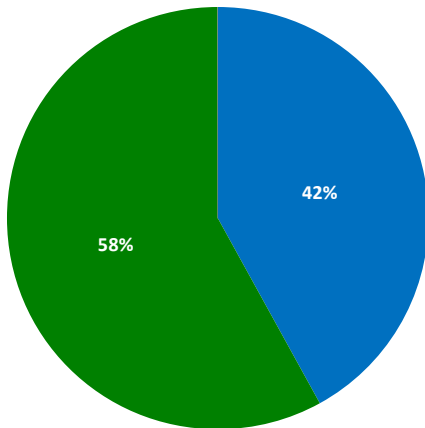
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

Lower Limb Revision including Osteology



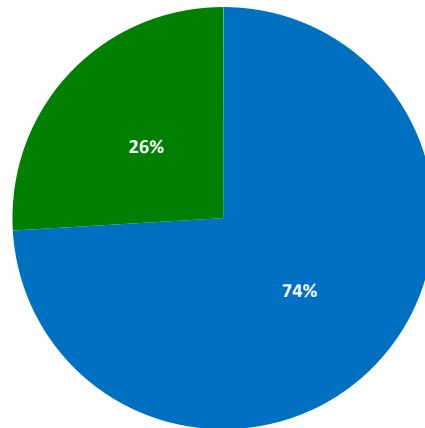
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

HPB and Upper GI Surgery including Abdominal Trauma/Damage Control Surgery



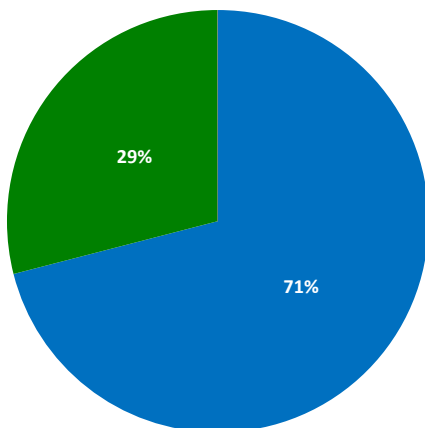
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

Head and Neck



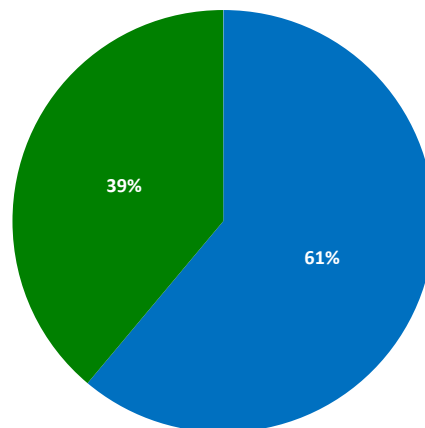
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

Thorax



■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

Upper limb

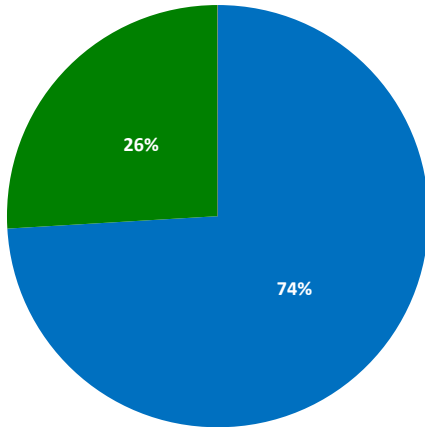


■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor



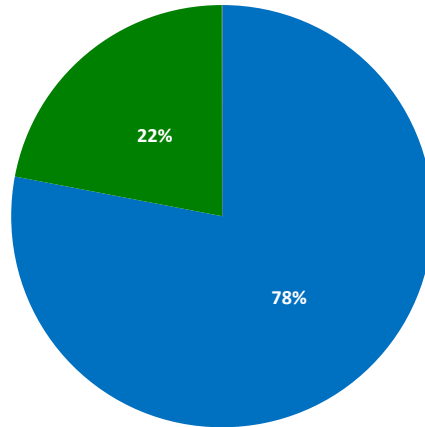
# Overall Teaching Feedback

Abdomen



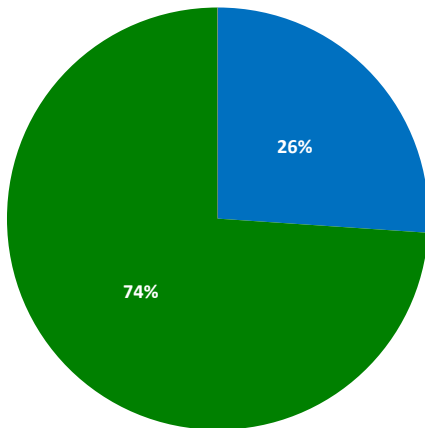
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

Pelvis



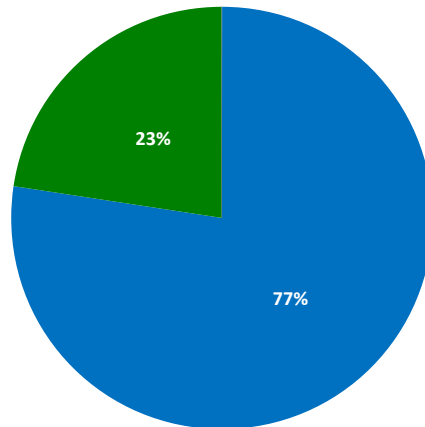
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

Lower limb



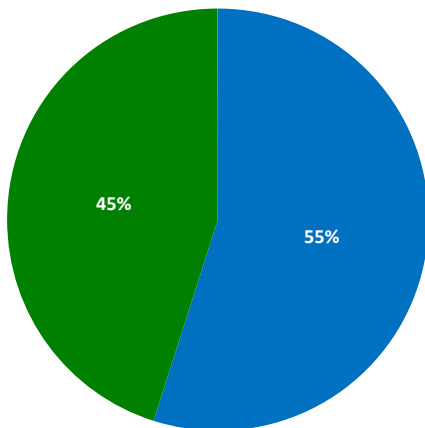
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

Would you recommend this course to a friend?



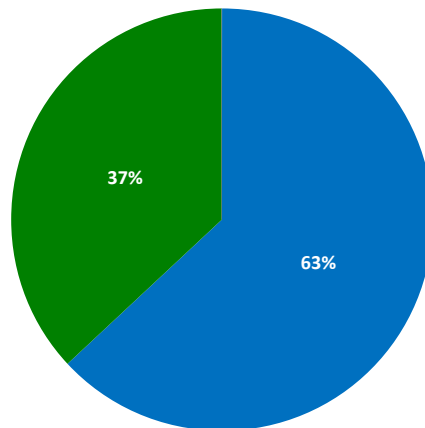
■ Most certainly ■ Certainly ■ Neutral ■ May be ■ Don't think so

Do you think that this course provided good value for money?



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

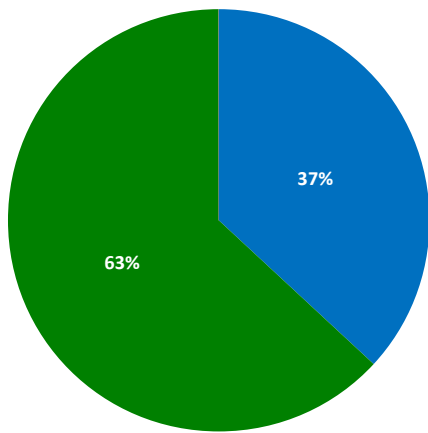
How were the facilities and venue?



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

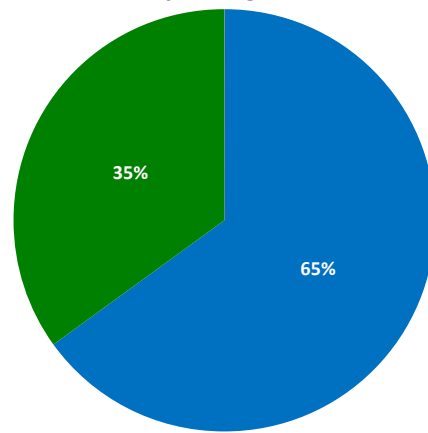
# Overall Teaching Feedback

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

Excellent course and meticulous organisation.

**AA**  
*University Hospital of Wales, Cardiff*

Specific mention to Ronak Ved and Maria Popescu as excellent demonstrators.

**RC**  
*Western General Hospital, Edinburgh*

Overall it has been excellent. Would definitely recommend. I now feel ready.

**JM**  
*University Hospital of North Staffordshire, Stoke on Trent*

Very impressed, phenomenal organisation, good pace, covered a vast amount. Thank you very much.

**KP**  
*Maidstone Hospital, Maidstone*

Great course. Mock OSCE was excellent.

**DS**  
*Raigmore Hospital, Inverness*



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

## Publications



[publications.doctorsacademy.org](http://publications.doctorsacademy.org)

## World Journal of Medical Education & Research



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### Resources for:

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