

**Cardiff Cadaveric Ultrasound-
Guided Musculoskeletal
Intervention Course (CCUMIC)**

Feedback - January 2016

Cardiff Cadaveric Ultrasound-Guided Musculoskeletal Intervention Course (CCUMIC)

This unique two-day 'hands-on' course allows participants to perform ultrasound-guided musculoskeletal interventional procedures on unembalmed freeze-preserved cadavers whilst under the direct supervision of Consultant Musculoskeletal Interventional Radiologists.

With a high tutor-to-participant ratio, this practical course was delivered in small groups using a series of tutor demonstrations whereby participants undertake various interventional procedures on cadavers to simulate clinical practice.

Practical sessions included injection of joints and surrounding soft tissue structures, and techniques such as dry needling and biopsies. The indications and contraindications for musculoskeletal interventions, and the role of pertinent drugs including potential complications was also discussed. Use of a simulated patient was used to convey pertinent anatomy with emphasis on 'positioning of the patient' when undertaking various interventional procedures. A following workshop at the end of the course then provided participants with an opportunity to consolidate on their particular area of interest and freely interact with tutors to gain further insight.

Course Information

Course date: 15th and 16th January 2016

Venue: Welsh Centre For Anatomical Education, University of Cardiff

Attendance: 12 Delegates

Aimed at:

- Consultants
- Speciality Trainees
- Registrar Level Doctors
- Specialist Allied Health Professionals

(Radiology / Orthopaedics / Rheumatology)

Course fee: £695.00

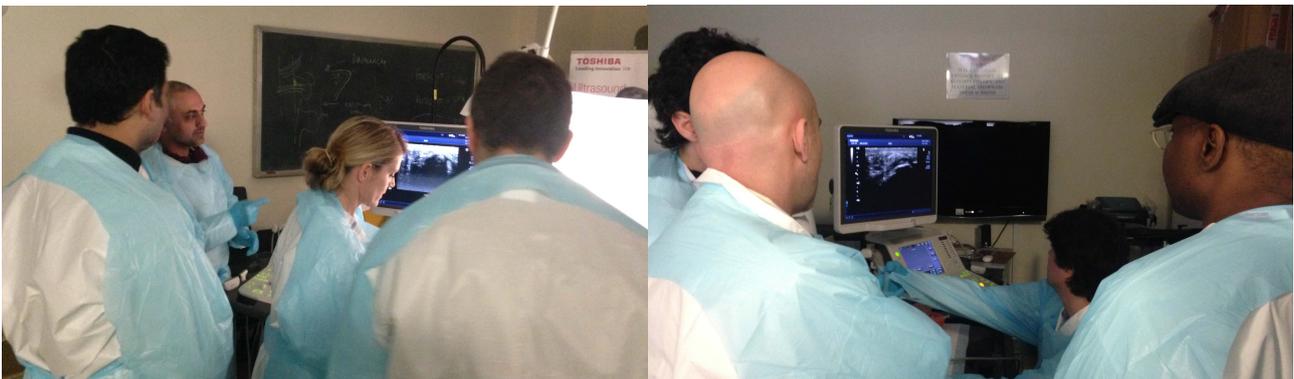
Attendance entitles participants to:

13 CPD points from the Royal College of Radiologists.

1.5 credits from the European Society of Musculoskeletal Radiologists (ESSR) and is accredited towards the ESSR diploma.

Objectives of Course:

- Understand the basic principles of ultrasound-guided musculoskeletal procedures.
- Understand the indications, contraindications and potential risks of interventional procedures.
- Practice various ultrasound-guided interventional procedures on unembalmed freeze-preserved cadavers.



Course Programme - Day One

0900 - 0930	Registration & Welcome
0930 - 1000	Introduction to MSK Intervention <ul style="list-style-type: none">- Ultrasound interventional techniques- Indications & contraindications for interventional procedures- Consent
1000 - 1300	Cadaveric Workshop - Ultrasound-guided intervention, practical sessions
1000 - 1130	
<i>Group A</i>	<i>Shoulder - Part 1 (Anterior approach glena-humeral joint injection, Barbotage, Subacromial, Biceps tendon sheath & ACJ injections)</i>
<i>Group B</i>	<i>Foot & Ankle - Part 1 (Intra articular ankle & small joint injections, Morton's Neuroma, Plantar fascia, Tendon sheath & Sinus tarsi injection)</i>
1130 - 1150	Break for Refreshments
1150 - 1300	
<i>Group A</i>	<i>Shoulder - Part 2 (Anterior approach glena-humeral joint injection, Barbotage, Subacromial, Biceps tendon sheath & ACJ injections)</i>
<i>Group B</i>	<i>Foot & Ankle - Part 2 (Intra articular ankle & small joint injections, Morton's Neuroma, Plantar fascia, Tendon sheath & Sinus tarsi injection)</i>
1300 - 1400	Lunch
1400 - 1700	Cadaveric Workshop - Ultrasound-guided intervention, practical sessions
1400 - 1530	
<i>Group A</i>	<i>Elbow, Wrist and Hand (Intra articular and tendon sheath injections, Injection and dry needling for medial and lateral epicondylitis)</i>
<i>Group B</i>	<i>Groin, Hip and Knee (Intra-articular injections, pubic symphysis, adductor origin, trochanteric and psoas bursa injections, Dry needling of patellar tendon)</i>
1530 - 1550	Break for Refreshments
1530 - 1700	Prone Scanning; Posterior approach GHJ Injection, Ischial tuberosity injection, Achilles tendon hydrodissection (with swabbing between groups)
1700 - 1715	Summary & End of Day One
1900 - 2200	Complimentary Course Dinner

Course Programme - Day Two

0845 - 0900	Registration & Coffee
0900 - 0930	Discussion on - Drugs, its indication & potential complications
0930 - 1230	Cadaveric Workshop - Ultrasound-guided intervention, practical sessions
0930 - 1100	
<i>Group A</i>	<i>Foot & Ankle - Part 1 (Intra articular ankle & small joint injections, Morton's Neuroma, Plantar fascia, Tendon sheath & Sinus tarsi injection)</i>
<i>Group B</i>	<i>Shoulder - Part 1 (Anterior approach glena-humeral joint injection, Barbotage, Subacromial, Biceps tendon sheath & ACJ injections)</i>
1100 - 1120	Break for refreshments
1120 - 1230	
<i>Group A</i>	<i>Foot & Ankle - Part 2 (Intra articular ankle & small joint injections, Morton's Neuroma, Plantar fascia, Tendon sheath & Sinus tarsi injection)</i>
<i>Group B</i>	<i>Shoulder - Part 2 (Anterior approach glena-humeral joint injection, Barbotage, Subacromial, Biceps tendon sheath & ACJ injections)</i>
1230 - 1330	Lunch
1330 - 1500	Cadaveric Workshop - Ultrasound-guided intervention, practical sessions
1330 - 1500	
<i>Group A</i>	<i>Groin, Hip and Knee (Intra-articular injections, pubic symphysis, adductor origin, trochanteric and psoas bursa injections, Dry needling of patellar tendon)</i>
<i>Group B</i>	<i>Elbow, Wrist and Hand (Intra articular and tendon sheaths injections, Injection and dry needling for medial and lateral epicondylitis)</i>
1500 - 1600	Biopsy
1600 - 1615	Summary, feedback and end of course.

Faculty List

Dr Ramakrishna Kishore, MBBS, MRCS, FRCR

Course Director

Consultant Musculoskeletal Radiologist

University Hospital of Wales, Cardiff

Dr Peter Mullaney, BMed Sci, BMBS, MRCS, FRCR

Consultant Musculoskeletal Radiologist

University Hospital of Wales, Cardiff

Dr Vineet Bhat, MBBS, MRCS, FRCR

Consultant Musculoskeletal Radiologist

University Hospital of Wales, Cardiff

Dr Sridhar Kamath, MBBS, MD, MRCP, FRCR

Consultant Musculoskeletal Radiologist

University Hospital of Wales, Cardiff

Dr Kausik Mukherjee, MBBS, FRCS, FRCR

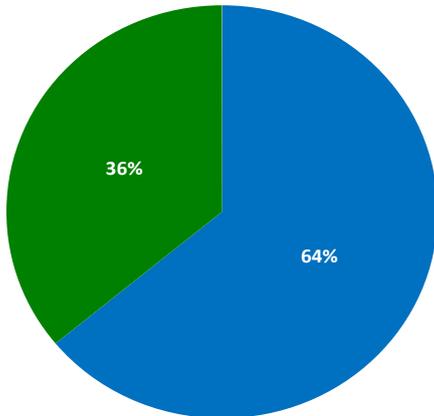
Consultant Musculoskeletal Radiologist

University Hospital of Wales, Cardiff



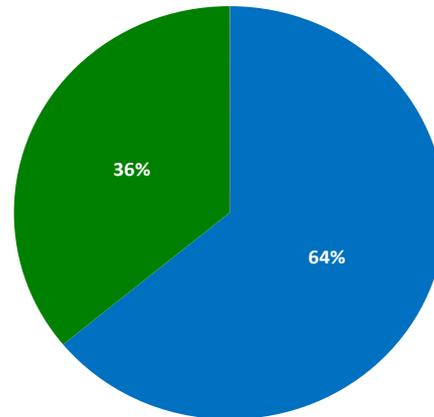
Overall Course Feedback to the Questions:

How was the content of the course?



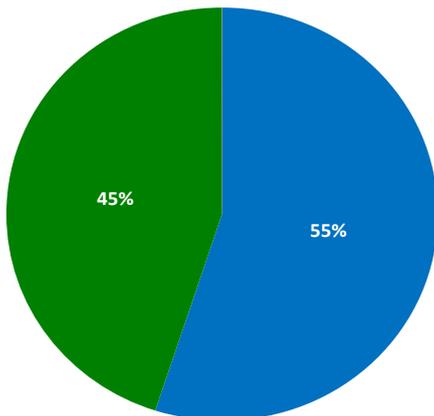
■ Excellent ■ Very good ■ Average ■ Fair ■ Poor

How was the clarity of demonstrations?



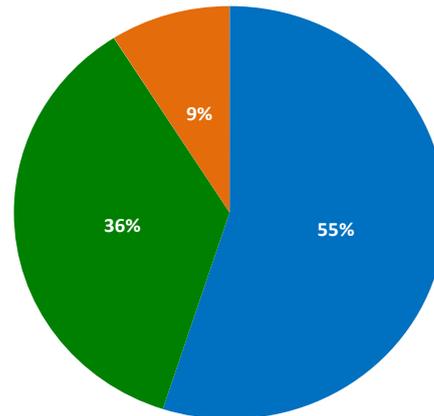
■ Excellent ■ Very good ■ Average ■ Fair ■ Poor

Did you get sufficient opportunity to practice on the cadaver?



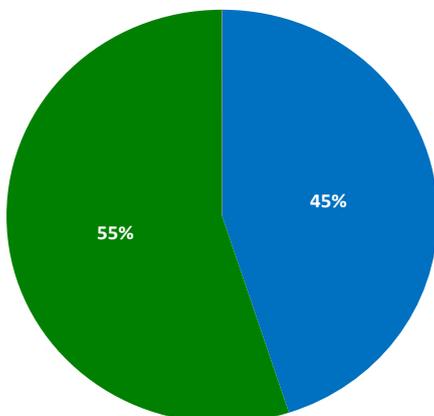
■ Most certainly ■ Certainly ■ Just about ■ Limited ■ Not at all

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



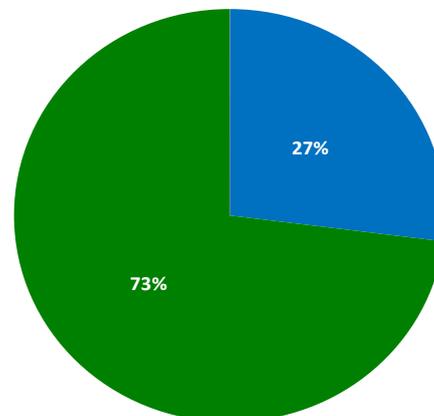
■ Excellent ■ Very good ■ Average ■ Fair ■ Poor

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



■ Very relevant ■ Mostly relevant ■ Neutral ■ Somewhat relevant ■ Not relevant

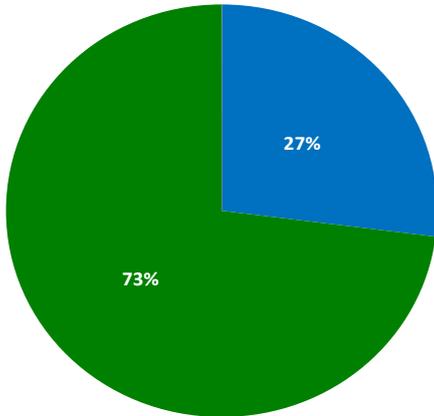
Did the course meet your objectives?



■ Most certainly ■ Certainly ■ Neutral ■ Maybe ■ No way

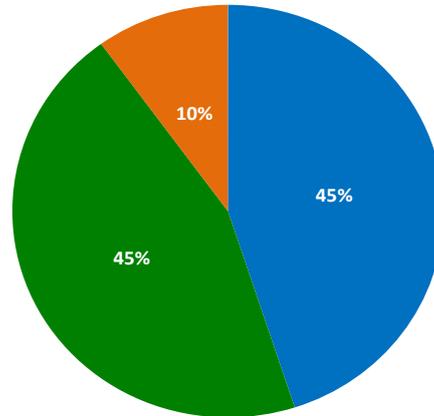
Overall Course Feedback to the Questions:

Introductory Lecture



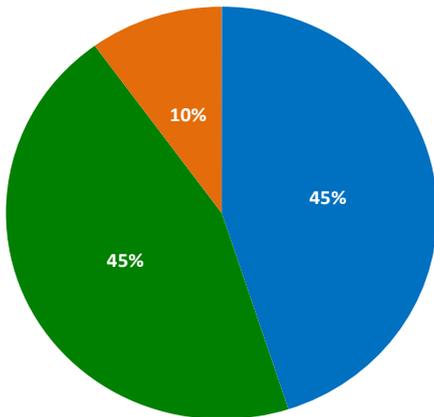
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Shoulder



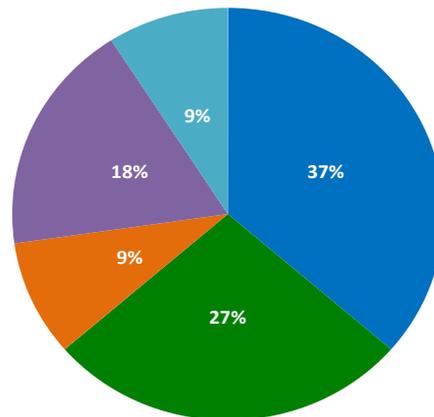
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Elbow & Wrist



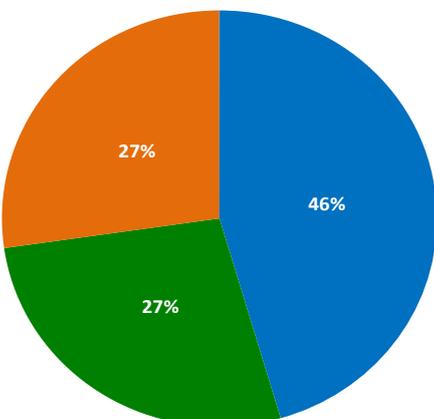
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Groin & Hip



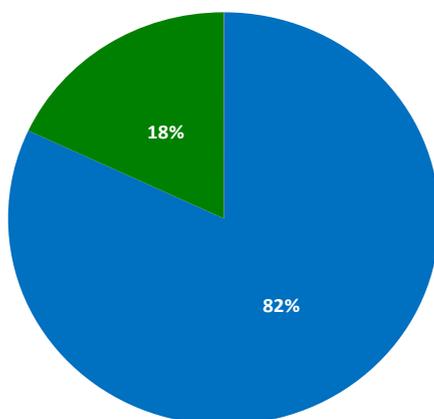
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Knee



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

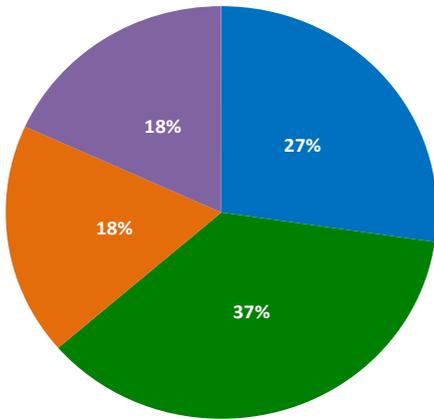
Foot & Ankle



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

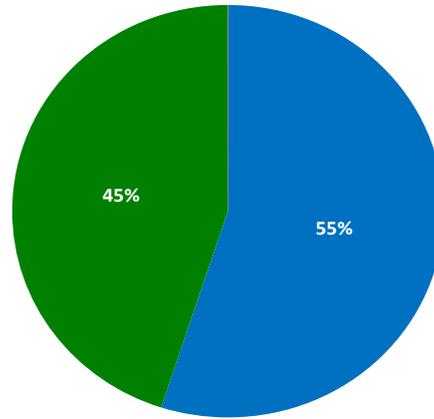
Overall Teaching Feedback for the Area of:

GHJ, Ischial Tuberosity, Achilles Tendon



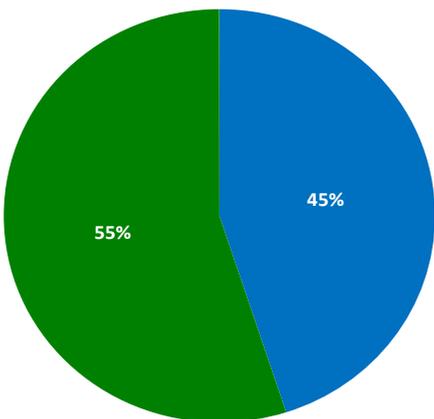
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Lecture: Drugs, CIs/Side Effects



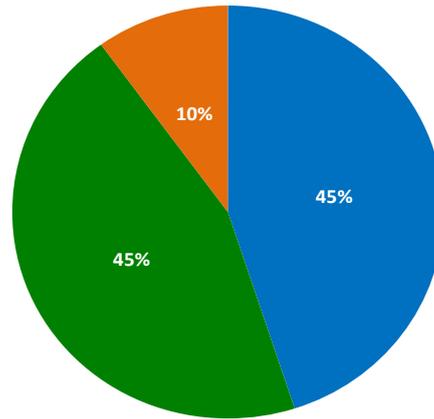
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Shoulder



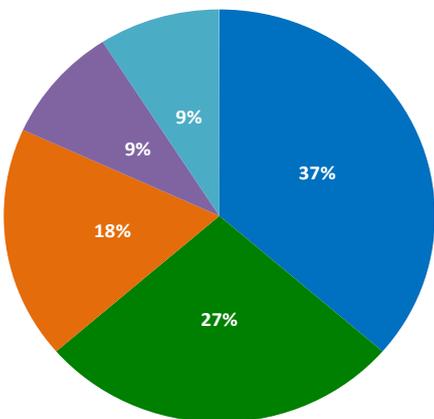
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Elbow & Wrist



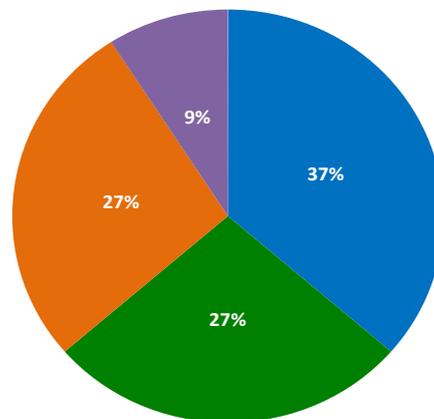
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Groin & Hip



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

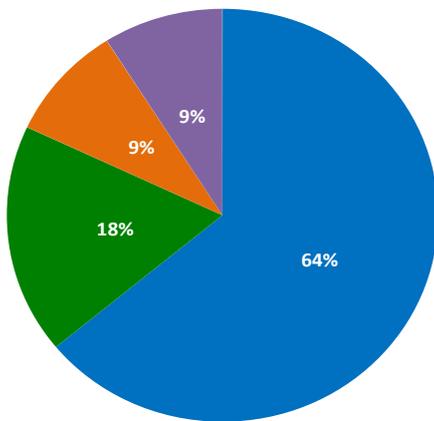
Knee



■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

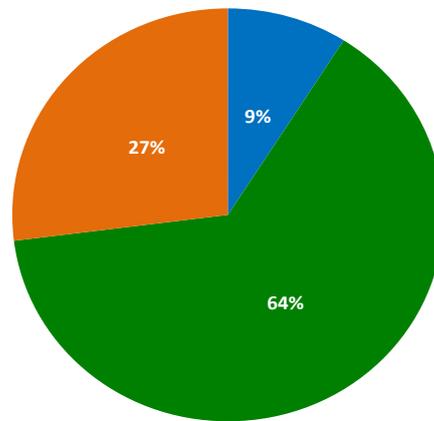
Overall Teaching Feedback for the Area of:

Foot & Ankle



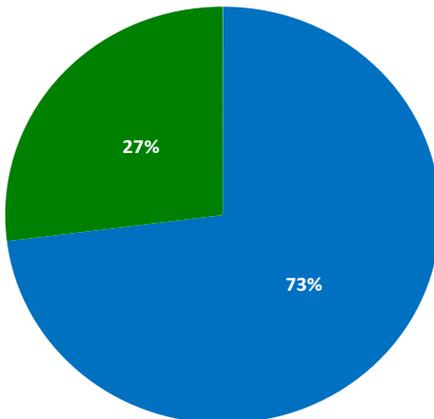
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Biopsy



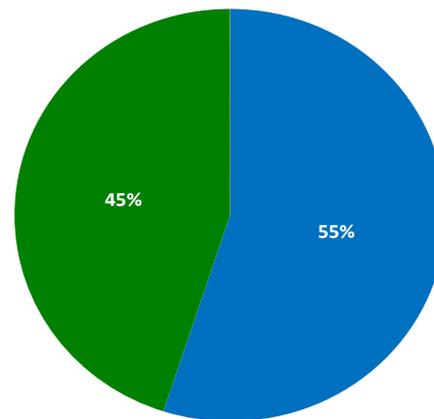
■ Excellent ■ Good ■ Neutral ■ Fair ■ Poor

Would you recommend this course to a friend?



■ Most certainly ■ Certainly ■ Neutral ■ Maybe ■ No way

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



■ Most certainly ■ Certainly ■ Neutral ■ Yes, I think so ■ No way

Individual Comments

It was the best ultrasound intervention course I have ever attended. Thank you and proceed with such courses.

MR

Vendsyssel Hospital, Hjoerring, Denmark

Overall amazing experience!! The tutors were extremely friendly and very helpful. They managed to consider the level of knowledge of each attendee and adjust according to that. They were all experienced and knew what they were talking about. The hospitality was outstanding !!! Simple & easy presentations. Brilliant work keep up the good work.. Wish you all the best !!

SA

King George Hospital, Ilford, United Kingdom

Excellent course in a very friendly setting.

MA

Broomfield Hospital, Chelmsford, United Kingdom

Very useful techniques for various MSK injections.

ZA

Wrightington Hospital, Wigan, United Kingdom

It is one of the best courses that I've attended during my career. I recommend this course for all junior radiologists and rheumatologists who want to develop their skills in interventional MSK.

TY

Evelina Children's Hospital, London, United Kingdom

Good course, valuable hands-on practice on cadavers, friendly and knowledgeable faculty.

RP

University Hospital, Coventry, United Kingdom

Very good. Faculty members were excellent.

MM

St George's Hospital, London, United Kingdom

It provides a unique opportunity to practice interventional procedures. I believe it is the only one in the UK. Fist day was great. Many thanks for the excellent tutors and Welsh Centre for Anatomical Education/- Cardiff university.

HA

West Wales General Hospital, Carmarthen, United Kingdom

Individual Comments

Excellent overall, rarely would you have such opportunity to work under close guidance and on top of quality frozen cadaver's. The balance was heavily towards practical application which is exactly what you need. A great course bringing together my injection therapy and Ultrasound skills nicely. very enjoyable experience. Many thanks.

MB

Royal Gwent Hospital, Newport, United Kingdom



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- 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, 1st - 5th August 2016
- **International Academic and Research Conference**
Manchester, 6th August 2016
- **World University Anatomy Challenge**
Manchester, 5th August 2016

Publications



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