

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

Feedback - June 2013

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: 11th and 12th June 2013
Venue: Welsh Centre For Anatomical Education, University of Cardiff

Attendance: 9 Delegates

Aimed at:

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

(Radiology / Orthopaedics / Rheumatology)

Course fee: £695.00

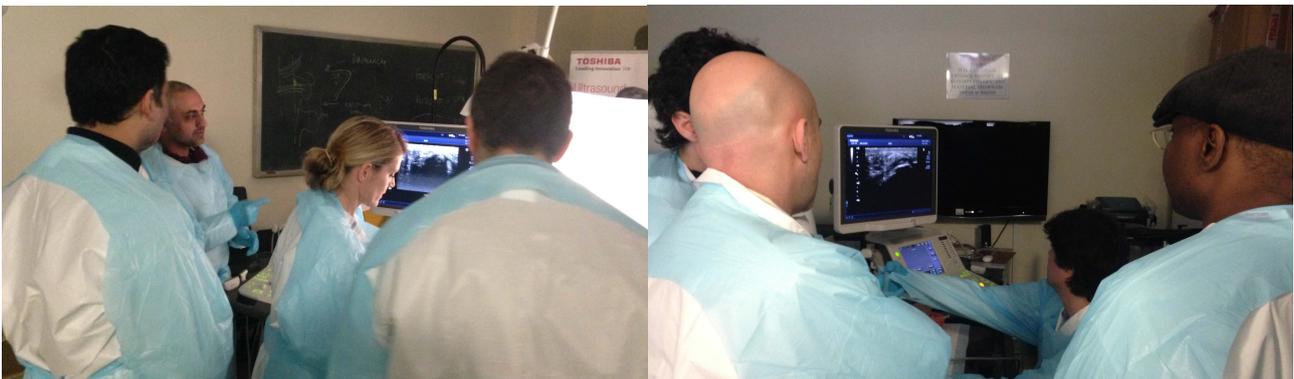
Attendance entitles participants to:

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
<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	Cadaveric Workshop - Ultrasound-guided intervention, practical sessions
<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
<i>Group A</i>	<i>Elbow, Wrist & Hand - Session 1 (Intra-articular & tendon sheath injections, Injection & dry needling for medial & lateral epicondylitis)</i>
<i>Group B</i>	<i>Groin, Hip & Knee - Session 1 (Intra-articular injections, Pubic symphysis, Adductor origin, Trochanteric & psoas bursa injection, Dry needling & 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

Course Programme - Day Two

0815 - 0830	Registration & Coffee
0830 - 0900	Discussion on - Drugs, its indication & potential complications
0900 - 1200	Cadaveric Workshop - Ultrasound-guided intervention, practical sessions
<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>

1030 - 1050

Break for refreshments

1050 - 1210	Cadaveric Workshop - Ultrasound-guided intervention, practical sessions
<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>

1210 - 1245

Lunch

1240 - 1500	Cadaveric Workshop - Ultrasound-guided intervention, practical sessions
<i>Group A</i>	<i>Groin, Hip & Knee - Session 2 (Intra-articular injections, Pubic symphysis, Adductor origin, Trochanteric & psoas bursa injection, Dry needling & Patellar Tendon)</i>
<i>Group B</i>	<i>Elbow, Wrist & Hand - Session 2 (Intra-articular & tendon sheath injections, Injection & dry needling for medial & lateral epicondylitis)</i>
1430 - 1500	Biopsy
1500 - 1530	Patient positioning

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

Dr Ramy M Mansour, MB ChB, MSc FRCR

Consultant Musculoskeletal Radiologist

Nuffield Orthopaedic Centre

Oxford University Hospital NHS Trust

Dr Kathleen Lyons, MB BCH, BAO, FRCR

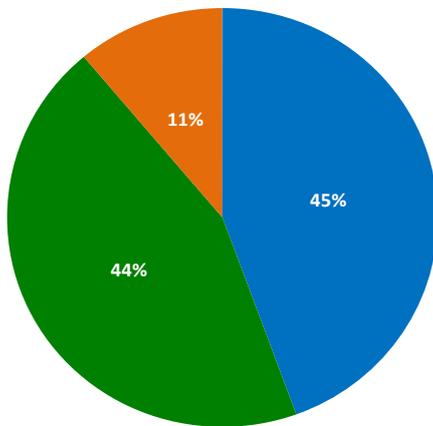
Consultant Musculoskeletal Radiologist

University Hospital of Wales, Cardiff



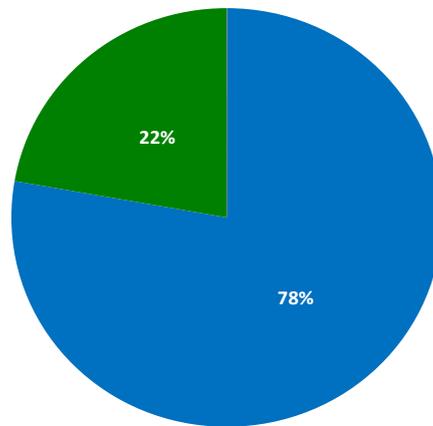
Overall Teaching Feedback

Introductory Lecture



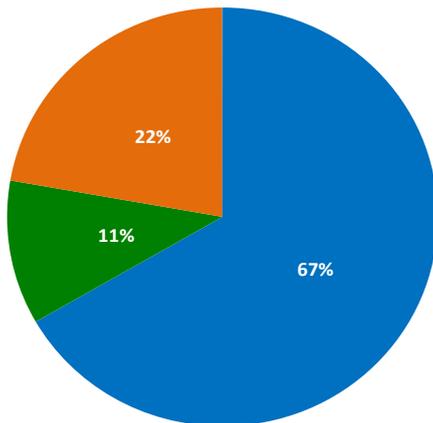
■ Excellent ■ Very good ■ Average ■ Fair ■ Poor

Shoulder



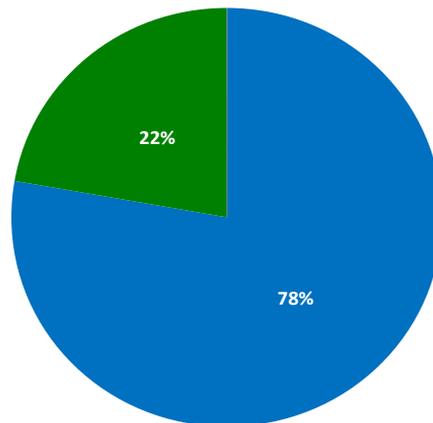
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Elbow and Wrist



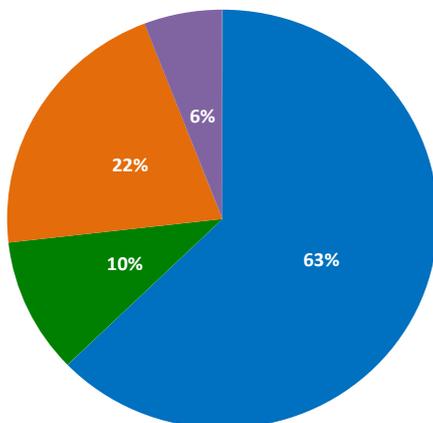
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Groin and Hip



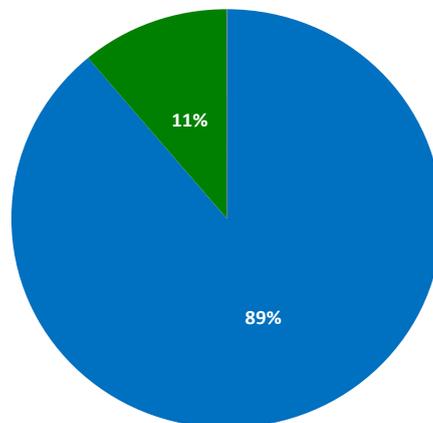
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Knee



■ Excellent ■ Very good ■ Average ■ Fair ■ Poor

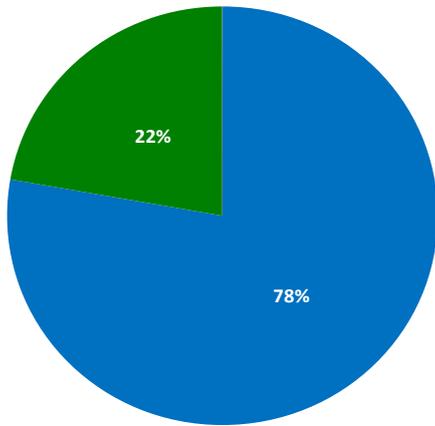
Foot and Ankle



■ Excellent ■ Very good ■ Average ■ Fair ■ Poor

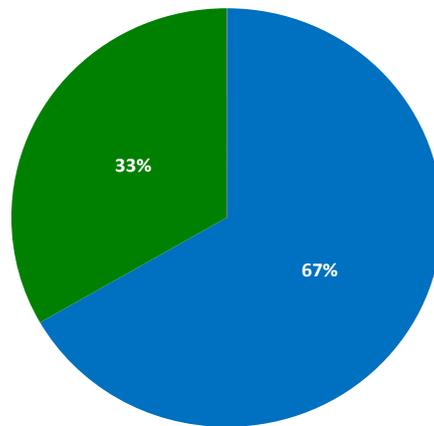
Overall Teaching Feedback

GHJ, Ischial Tuberosity, Achilles Tendon



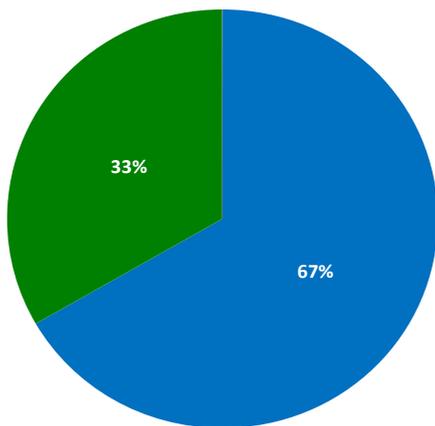
■ Excellent ■ Very good ■ Average ■ Fair ■ Poor

Lecture: Drugs, CIs/Side Effects



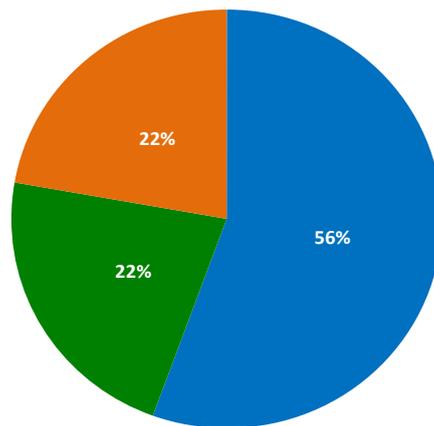
■ Excellent ■ Very good ■ Average ■ Fair ■ Poor

Shoulder



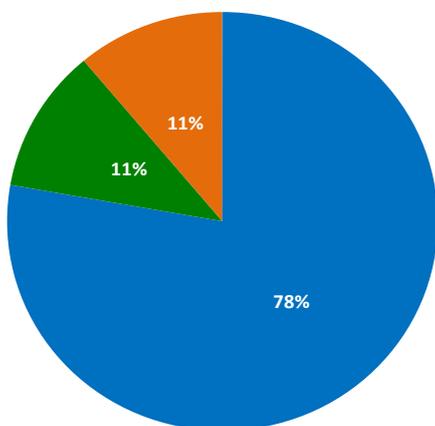
■ Excellent ■ Very good ■ Average ■ Fair ■ Poor

Elbow and Wrist



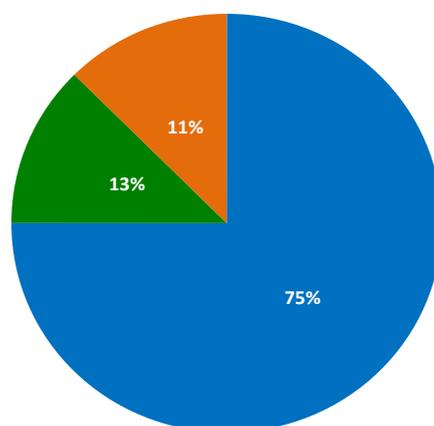
■ Excellent ■ Very good ■ Average ■ Fair ■ Poor

Groin and Hip



■ Excellent ■ Very good ■ Average ■ Fair ■ Poor

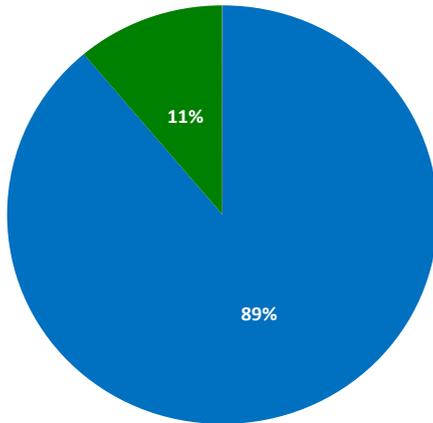
Knee



■ Excellent ■ Very good ■ Average ■ Fair ■ Poor

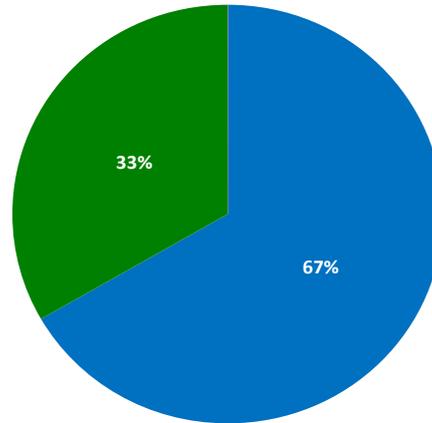
Overall Teaching Feedback

Foot and Ankle



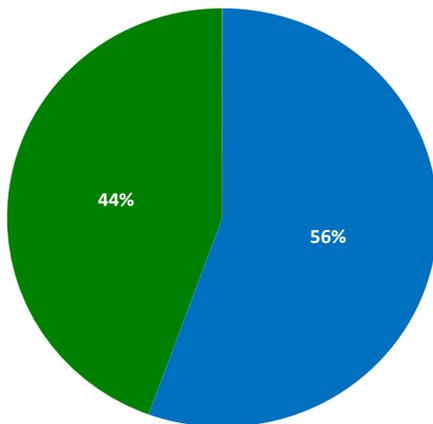
■ Excellent ■ Very good ■ Average ■ Fair ■ Poor

Biopsy



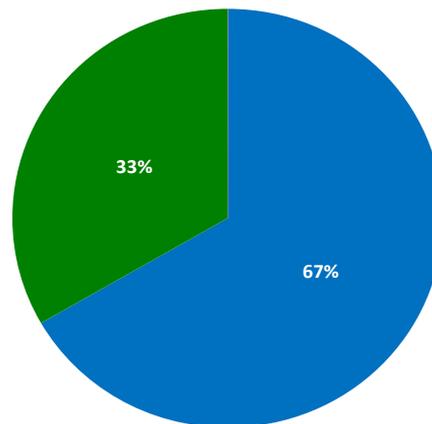
■ Excellent ■ Very good ■ Average ■ Fair ■ Poor

How was the content of the course?



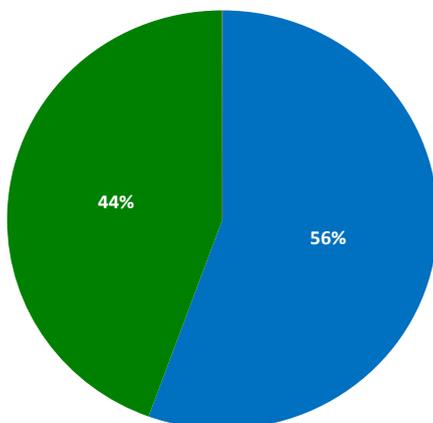
■ Excellent ■ Very good ■ Average ■ Fair ■ NA

How was the clarity of demonstrations?



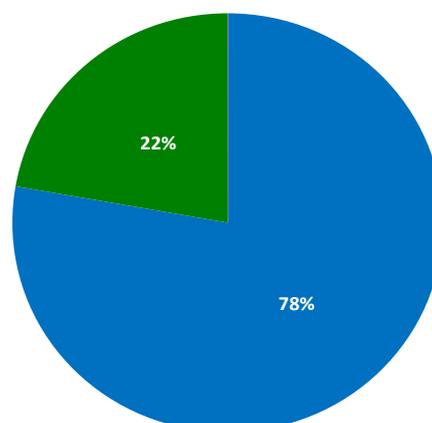
■ Excellent ■ Very good ■ Average ■ Fair ■ NA

Did you get sufficient opportunity to practice on the cadaver?



■ Most certainly ■ Certainly ■ Limited ■ Not at all

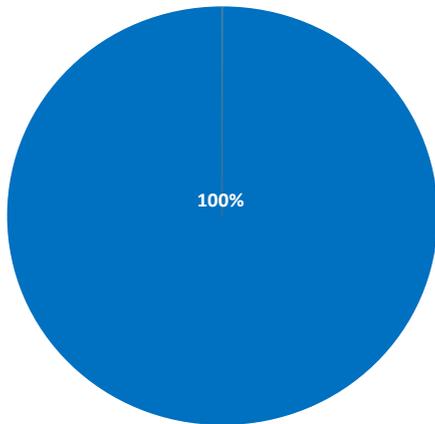
How would you rate the general academic standard of the tutors?



■ Excellent ■ Very good ■ Average ■ Fair ■ Poor

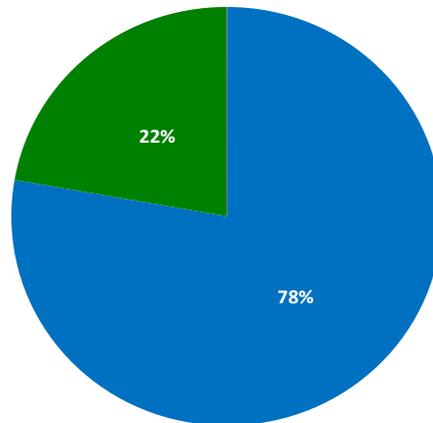
Overall Teaching Feedback

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



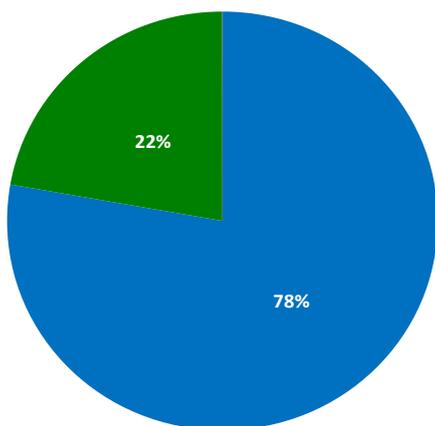
- Very relevant
- Somewhat relevant
- Mostly relevant
- Not relevant

Did the course meet your objectives?



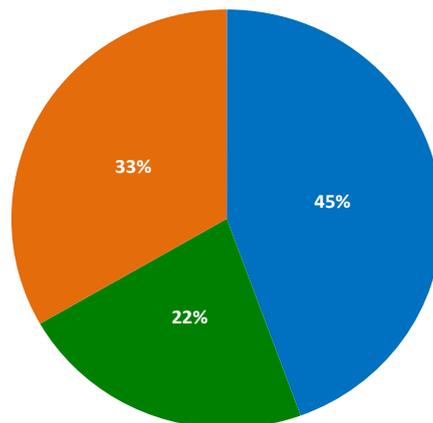
- Most certainly
- Certainly
- Maybe
- No way

Would you recommend this course to a friend?



- Most certainly
- Certainly
- Maybe
- No way

Do you think this course provided good value for money?



- Most certainly
- Certainly
- Yes, I think so
- No way

Individual Comments

Excellent course, very professional, informative and well organised. Small groups allowed opportunity to get hands on experience and discuss different teaching with the tutor and other members, lecture on drugs side effects was also excellent and would may be benefit from being a bit longer.

Exceptionally well organised. Very good facilitators. Small group of facilitate ratio was very useful for hands-on-course. Should try to advertise the course better. Will however definitely recommend the course to other trainees.

MJ

James Cook University Hospital, Middlesbrough

Very good course.Great faculty. Will recomment to other.

Feedback: Email with details should be sent earlier. Map would have been helpful.

Well organised. As new to real practice as you can set Cadaver still a little frozen on first day timing. (Not sure if course dinner is mentioned on the website prior to the final invoice)

Good first course. Covered a lot and given me confidence and a good foundation to build on. Course went to time, lectures minimal and relevant. Good food. Atleast one additional Cadaver for the group memebtrs we had would be excellent. A consensus list of injection doses and volumes to take home.

HI

Royal Blackburn Hospital, Blackburn

Very talented and productive/instructive tutors. Generally satisfied with the course. I would like to have an assessment feedback.

On hand Cadaveric experience in a small group was amazing. Distance(can help as cardiff is off centered) was only little criticism.



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- MRCS Part A
- MRCEM Part A
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- 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
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