

**5th Cardiff Cadaveric Ultrasound-
Guided Musculoskeletal
Intervention Course (CCUMIC)**

Feedback - January 2015

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: 23rd - 24th January 2015

Venue: Sir Martin Evans Building
Cardiff University, UK

Attendance: 24 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 - 1530	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
1550 - 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

0845 - 0900	Registration & Coffee
0900 - 0930	Discussion on - Drugs, its indication & potential complications
0930 - 1100	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>

1100 - 1120

Break for refreshments

1120 - 1230	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>

1230 - 1330

Lunch

1330 - 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>
1500 - 1600	Biopsy
1600 - 1615	Summary, Feedback & 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

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

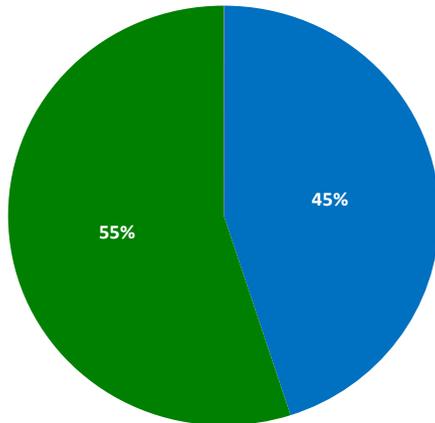
Consultant Musculoskeletal Radiologist

University Hospital of Wales, Cardiff



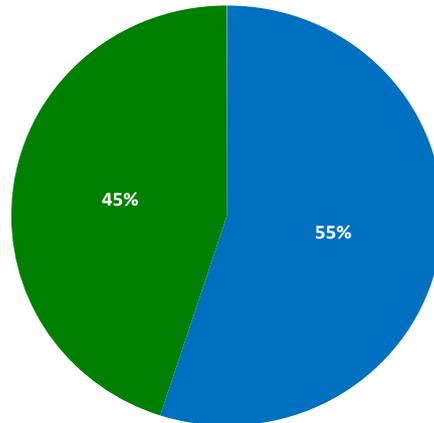
Overall Course Feedback to the Questions:

How was the overall content of the course?



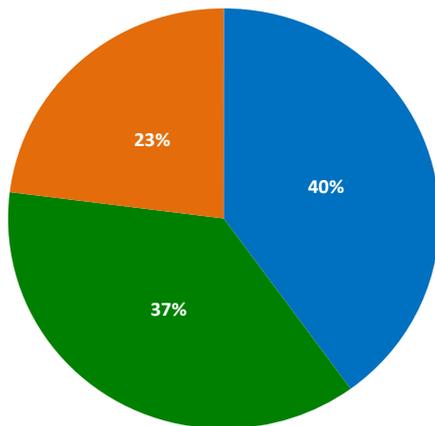
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

How was the clarity of presentations/demonstrations?



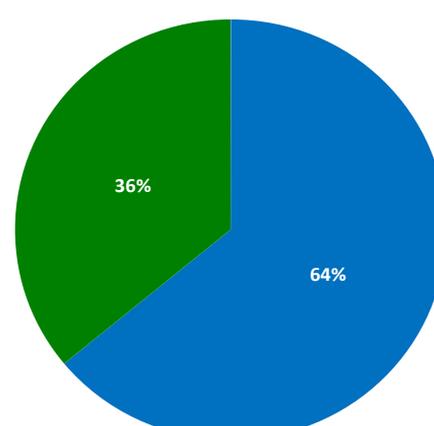
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

Did you get sufficient opportunity to practice on the cadaver?



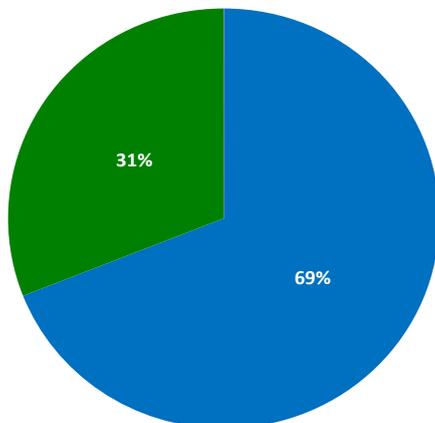
■ Most certainly ■ Certainly ■ Just about ■ Limited ■ Not at all

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



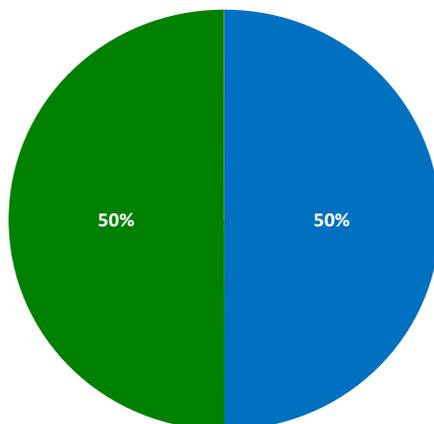
■ Excellent ■ Very good ■ Average ■ Fair ■ Poor

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



■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

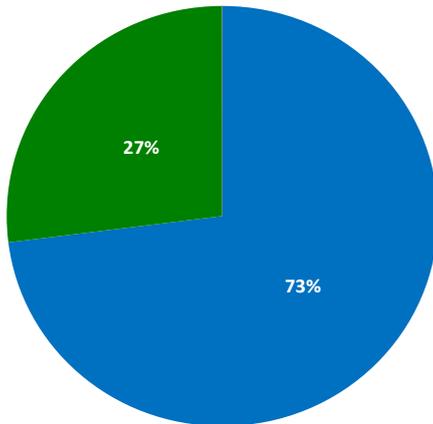
Did the course meet your objectives?



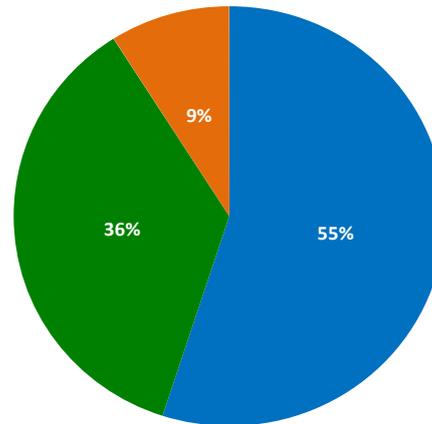
■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

Overall Course Feedback to the Questions:

Would you recommend this course to a friend?



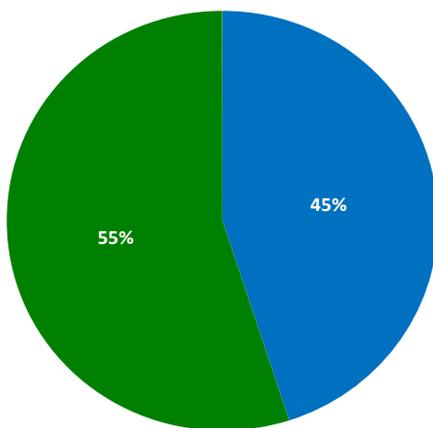
Do you think that this course provided good value for money?



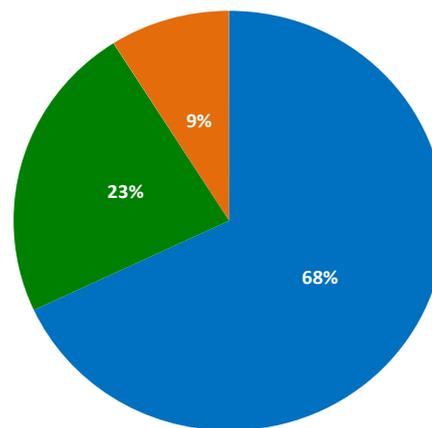
■ Most certainly ■ Certainly ■ Neutral ■ Maybe ■ No way ■ Most certainly ■ Certainly ■ Neutral ■ Yes, I think so ■ No way

Overall Teaching Feedback for the Area of:

Introductory Lecture

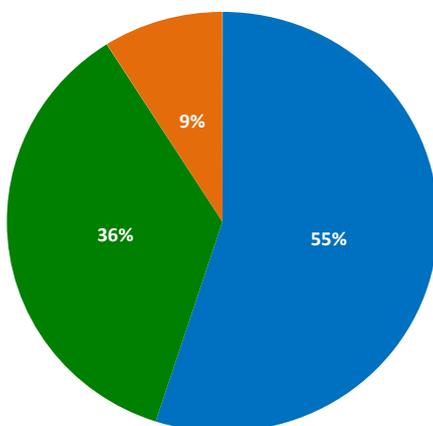


Shoulder

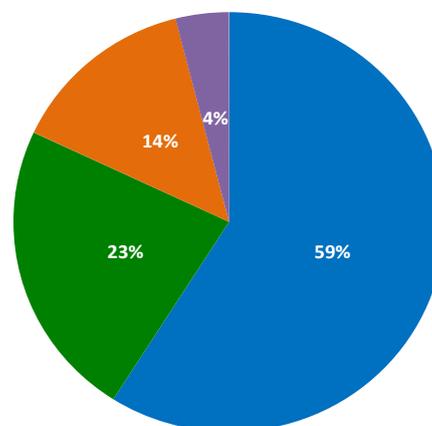


■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor ■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

Elbow & Wrist

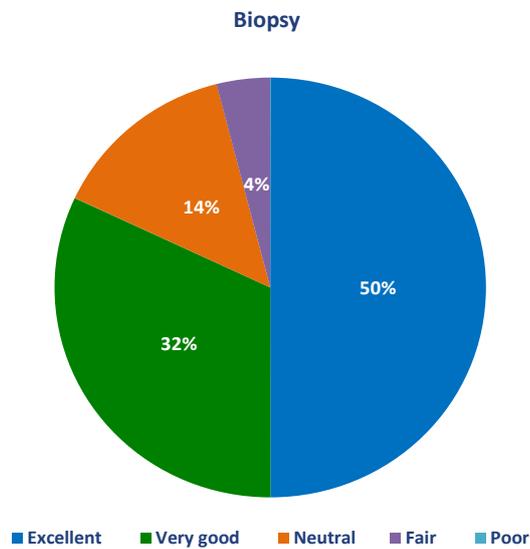
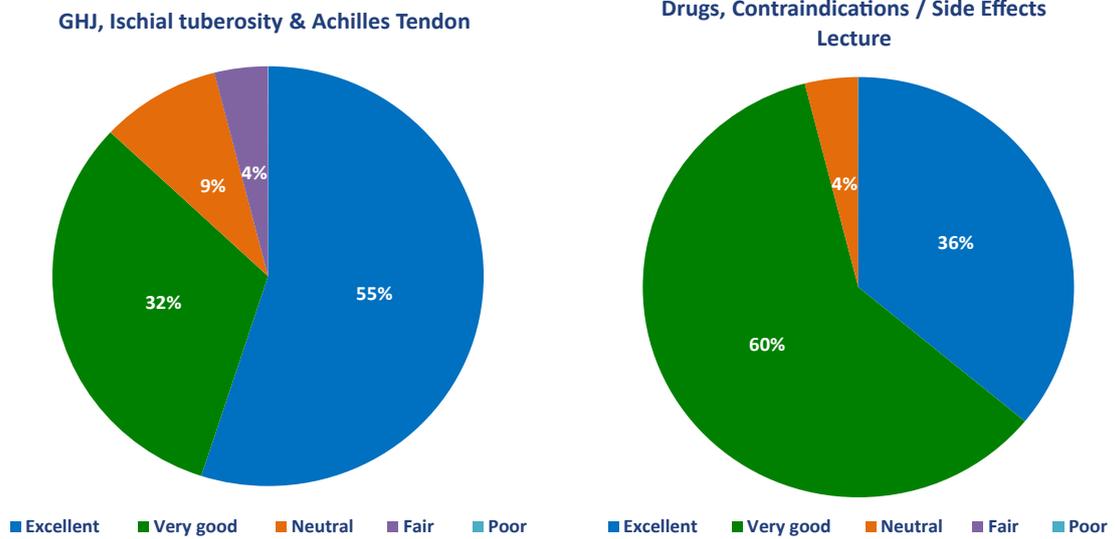
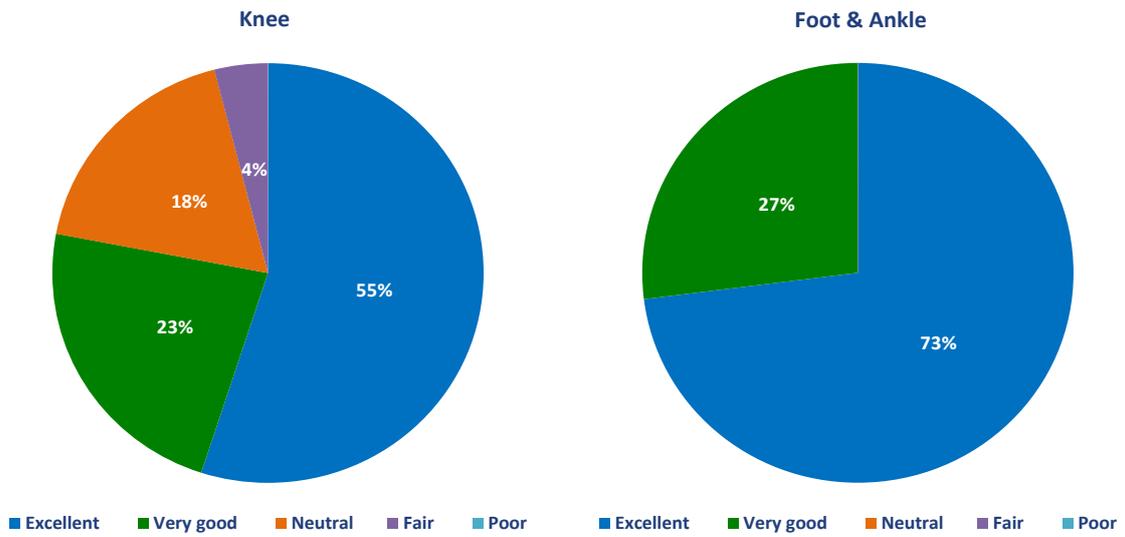


Groin & Hip



■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor ■ Excellent ■ Very good ■ Neutral ■ Fair ■ Poor

Overall Teaching Feedback for the Area of:



Individual Comments

I very much enjoyed the course, the tutors were very good and helpful. Good organisation altogether. I realised that most of the participants were radiologists with some certain background in ultrasonography. It would be useful to give some basic advice to non-radiologist participants as an introduction.

JY

Lincoln Intermediate MusculoSkeletal Service (LIMSS), UK

Well organised and well run.

KP

Institute of Sport, Exercise and Health, London, UK

Excellent.

RN

North Manchester General Hospital, Manchester, UK

An excellent course.

MB

Consultant in Sports and Exercise Medicine, UK

Very well organised course. The tutors were excellent, friendly and very approachable. This course would be very useful for anyone with a musculoskeletal practice.

AS

Colchester General Hospital, Colchester, UK

Good

OA

Milton Keynes General Hospital, Milton Keynes, UK

It is the best hand on training in the world for MSK injection.

SI

Hamad General Hospital, Doha, Qatar

Individual Comments

Very good, enjoyed, would recommend!

JA

Department of Diagnostic Imaging, Turku University Hospital, Finland

Great course. Learned a lot would be extremely useful for me.

SB

Leicester Royal Infirmary, Leicester, UK

Very helpful course.

RJ

Medway Maritime Hospital, Gillingham, UK

Very good overall. Would recommend it certainly.

AP

Rehabilitation Clinic, Italy

Excellent course, very instructive, a pleasure to have been part of it.

LG

"Aristide Serfioti" Military Hospital, Galati, Romania

Great, thank you.

JB

It was an excellent course. Well organised and delivered. It was relevant to my practice.

NV

University Hospital of North Durham, UK

Good.

AA

Private practice

Individual Comments

Excellent teaching. Some extra practice on cadavers is highly recommended to improve the experience to overall excellent level.

PM

Changi General Hospital, Singapore

My impression was very good of everyone there. Very helpful and very friendly throughout.

AE

Care UK LIMSS

Good overall.

SH

Bronglais General Hospital, Aberystwyth, UK

A very interesting and practical course.

JM

Well organised, friendly approachable staff and tutors, excellent tutors in terms of knowledge and experience. Great night organised on the Friday night. I would not hesitate to recommend the course. As an MSK sonographer starting guided injections this was certainly the best course for me.

SM

Birmingham, UK





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- MRCS 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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- **International Medical Summer School**
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Manchester, 5th August 2016

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