

**Extended Focused Assessment by
Sonography for Trauma
(e-FAST) Course (MUSEC)**

Feedback - August 2017

Extended Focused Assessment by Sonography for Trauma (e-FAST) Course (MUSEC)

This practical 'hands-on' course was intended for all healthcare professionals involved in the management of patients in an acute care, emergency and trauma setting. There was a high tutor-to-delegate ratio, enabling attendees to gain full benefit. This highly interactive half-day course consisted of modules and simulated cases, with two thirds of the time spent training on simulated patients, as well as a preliminary theoretical part on an e-learning platform. Evaluation includes e-learning modules, hands-on assessment and MCQs.

The course was aimed specifically at junior doctors who are interested in trauma, emergency medicine, surgery or anaesthetics, and who play an integral part in trauma calls. It is envisaged that this course will teach trainees how to use the specific ultrasound machines and probes, and provide practical exposure to the use of ultrasound as a diagnostic tool in the acute emergency setting.

Attendees received theoretical pre-course material on the e-learning platform that explains the background theory and physics of the ultrasound machine. The pre-course material amounted to a total of 2 hours. The practical workshop included identification of free fluid in the abdomen, pneumothorax, haemothorax, and pericardial effusion with the use of ultrasonography.

Course Information

Course date:	5 th august 2017
Venue:	University Place, University of Manchester, United Kingdom
Attendance:	19 Delegates
Course fee:	£100.00

Aim of Course:

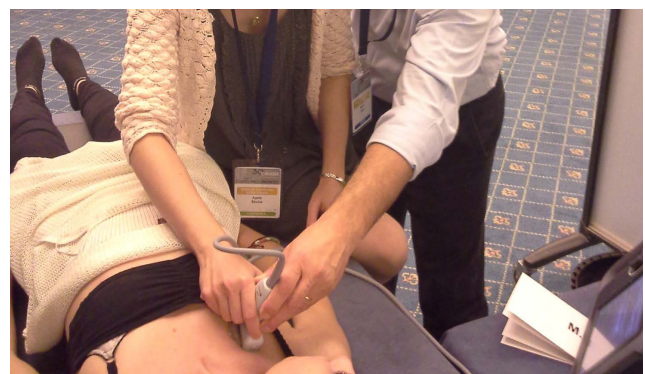
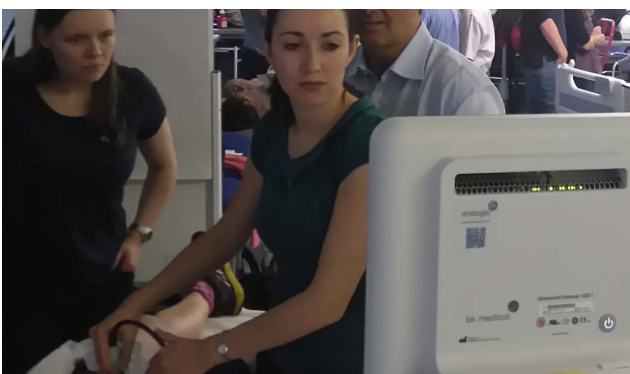
Provide delegates with an understanding of the use of ultrasound as a diagnostic and decision making tool.

Help attendees to identify acute pathology, such as free fluid in the abdomen, pneumothorax, haemothorax, and pericardial effusion.

Empower delegates working in the emergency care setting to familiarise themselves with the ultrasound machine, to achieve good views, and to aid diagnosis.

Target Audience:

Specialist Registrars in General Surgery
Specialist Registrars in Trauma Surgery
Specialist Registrars in Emergency Medicine
Core Trainees in any of the Surgical Disciplines
Foundation Doctors (Year 1 and Year 2)



Course Programme

1300 - 1315	Registration
1315 - 1330	Welcome and Presentation
1330 - 1345	Case Scenario
1345 - 1405	Revision of Knobology & Image Orientation
1405 - 1435	E-FAST
1435 - 1450	Case Scenarios
1450 - 1505	Break
1505 - 1730	Hands-On Session. Practical session for delegates to familiarise themselves with the ultrasound machine and achieve good views to make a diagnosis
1730 - 1745	Test
1745	Revision of the Test & Closing Remarks

Faculty

Mr Alan Biloslavo, MD, FACS

General Surgery Department
Cattinara Hospital, Trieste, Italy

Mr Luca Ponchiatti, FEBS, EBSQ-C

Consultant General Surgeon
Emergency Surgery Lead
Milton Keynes Hospital NHS Foundation Trust

Mr Mauro Zago, HonFEBS, EmSurg

Head of Minimally Invasive Surgery Unit
Policlinico San Pietro, Ponte San Pietro (BG), Italy

Mr Mihai Paduraru, PhD, MSc

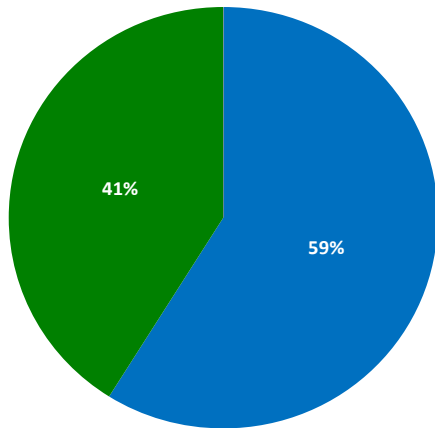
Consultant General Surgeon
Emergency Surgery
Milton Keynes Hospital NHS Foundation Trust

Miss Yan Mei Goh, MBChB, PGCE Dip Clin Ed, MRCS

Speciality Registrar in General Surgery
Milton Keynes University Hospital
Oxford Deanery

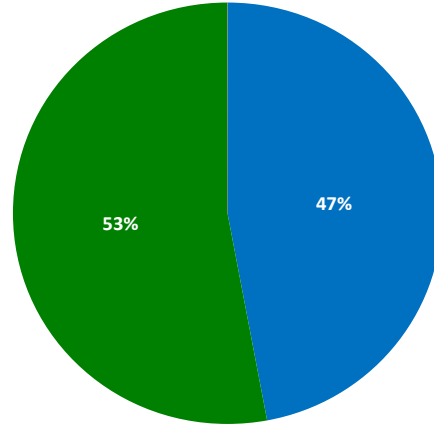
Overall Teaching Feedback

How was the content of the course?



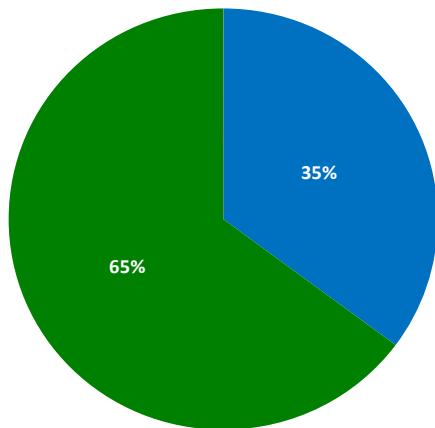
■ Excellent ■ Very Good ■ Average ■ Fair ■ Poor

How was the clarity of tutor demonstrations?



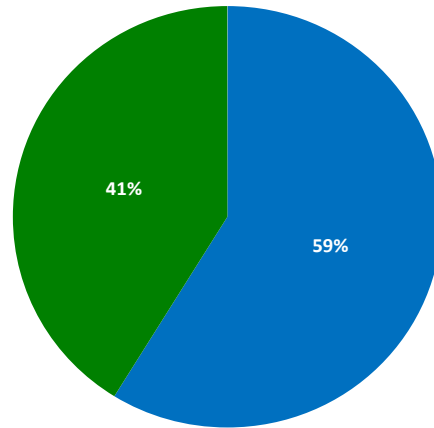
■ Excellent ■ Very Good ■ Average ■ Fair ■ Poor

Did you get sufficient opportunity to practice on the volunteer using ultrasound?



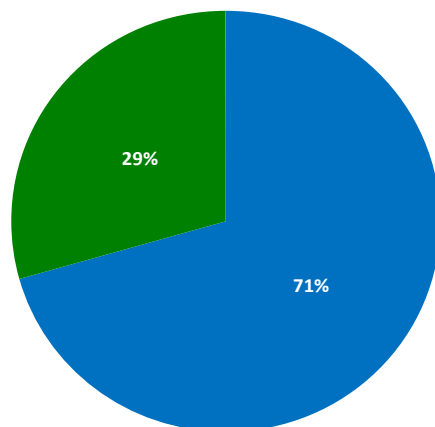
■ Most certainly ■ Certainly ■ Neutral ■ Limited ■ Not at all

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



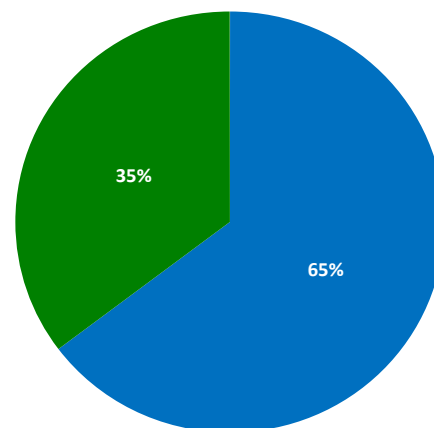
■ Excellent ■ Very Good ■ Average ■ Fair ■ Poor

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



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

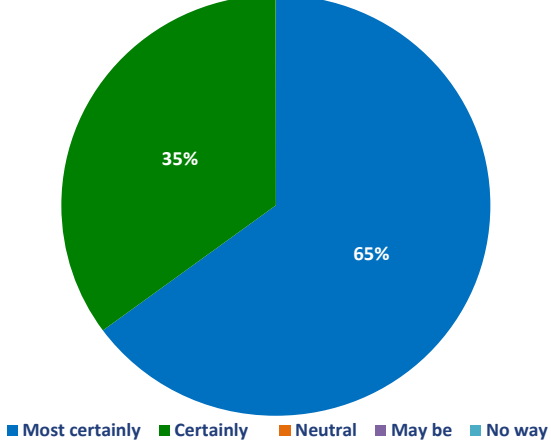
Did the course meet your objectives?



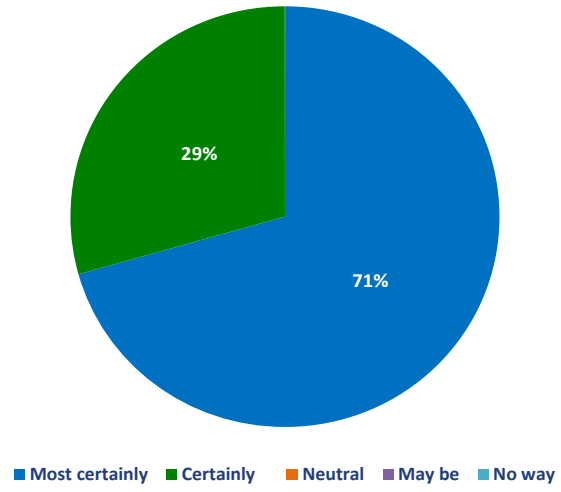
■ Most certainly ■ Certainly ■ Neutral ■ May be ■ No way

Overall Teaching Feedback

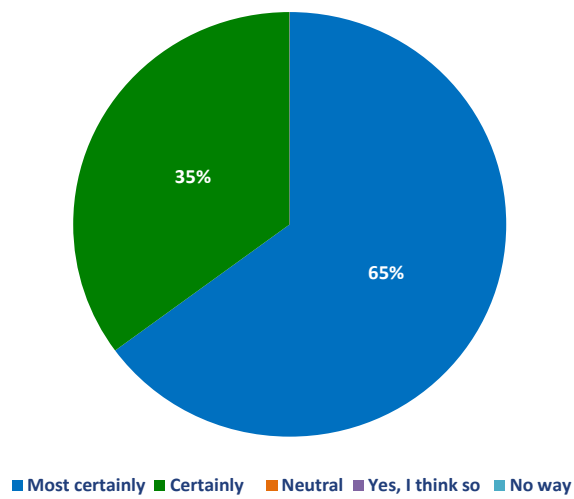
At the end of the course, did you feel more confident in using ultrasound in the diagnosis of thoracic and abdominal structures?



Would you recommend this course to a friend?



Do you think this course provided good value for money?



Individual Comments

Everything was great, fun and educational.

IG
Charles University Prague

Good emphasis on practical, hands on experience with ultrasound and the volunteers in the course.

MR
Friarage Hospital, Northallerton

Great course!

L K
Medical University of Vienna

The doctors teaching the course were always available to clarify any query we might have had. They explained the contents of the course in a clear and organized manner. The final test is a good evaluator of the knowledge obtained during the session. Overall, I think the eFAST ultrasound course is essential to every doctor in most specializations.

MC
Masaryk University, Czech Republic

The tutors explained everything clearly, and we had several opportunities to test our skill. Thank you!

TS
Masaryk University, Czech Republic

Very good organisation.

AO
Darent Valley Hospital, Dartford

Perfect workshop, enough tutors.

J H
Ghent University

Great course, great demonstrations.

T B
Royal Preston Hospital, Preston

It was a very good value for money. A very useful course.

M H
Trust Grade Doctor

Individual Comments

Good.

M Y

Milton Keynes General Hospital, Milton Keynes

It was very useful both theoretical and practical. It was a wonderful opportunity to try to use Eco FAST.

A P

University of Turin

A wonderful experience overall.

S M

University of Exeter



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Courses (a selection):

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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, 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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