

Western General Edinburgh, Focused Acute Medicine Ultrasound Course 17th December 2025

Course Program

08:45 – 09:00 Registration and Coffee

09:00 – 09:10 Welcome and Introduction to FAMUS (JB)

- Introduction
- Syllabus, Competencies, standards
- Accreditation Process

09:10 – 09:30 Physics of Ultrasound (JB)

- A concise explanation of Ultrasound physics
- Which probe do I use?
- How to perform examination

**09:30 – 10:00 Practical 1: Machine instrumentation and orientation
4 x stations; 4 groups of 4**

Station 1	Station 2	Station 3	Station 4
<i>Group 1</i>	<i>Group 2</i>	<i>Group 3</i>	<i>Group 4</i>

10:00– 10:20 Abdominal Ultrasound Lecture (MT)

- Identification of liver, spleen and kidneys and bladder
- Free fluid in abdomen and localisation of ascites
- Hydronephrosis, bladder scan

10:20 – 10:40 Coffee break

10:40 – 11:40 Practical 2: Abdominal Ultrasound, 4 x stations; 4 groups of 4

	Station 1	Station 2	Station 3	Station 4
10:40 – 11:10	Group 1	Group 2	Group 3	Group 4
11:10 – 11:40	Group 4	Group 1	Group 2	Group 3

11:40 – 12:05 Lung pathologies (RH)

- Identification of pneumothorax
- Pleural effusions
- US signs of pneumonia
- Alveolar interstitial syndrome
- BLUE protocol with pathologies

12:05 – 13:05 Practical 3: Lung pathology, 4 x stations; 4 groups of 4

	Station 1	Station 2	Station 3	Station 4
12:05 – 12:35	Group 1	Group 2	Group 3	Group 4
12:35 – 13:05	Group 4	Group 1	Group 2	Group 3

13:05 – 13:45 Lunch break (lunch provided)

13:45 – 14:05 DVT Rule-in Ultrasound Lecture (RH)

14:05 – 14:20 Vascular Access Lecture (RH)

14:20 – 15:20 Practical 3: DVT and Vascular access 4 x stations; 4 groups of 4

	Station 1	Station 2	Station 3	Station 4
	DVT	DVT	DVT	DVT
14:20 – 14:50	Group 1	Group 2	Group 3	Group 4
14:50 – 15:20	Group 2	Group 3	Group 4	Group 1

15:20 – 15:35 Coffee Break

15:35 – 16:15
Ultrasound guided lumbar puncture – Talk and Demonstration (JB)

16:15 – 16:45
Practical 4 and 5

Vascular access and Lumbar Puncture US marking

	Station 1	Station 2	Station 3	Station 4
	Vasc access	Vasc Access	US-LP	US-LP
16:00 – 16:15	Group 1	Group 2	Group 3	Group 4
16:15 – 16:30	Group 2	Group 1	Group 4	Group 3

16:45– 17:00 Clinical governance, summary

FACULTY:

Dr Jonathan Bardgett - Acute Medicine Consultant, Course Organiser. FAMUS Supervisor. Western General Hospital Edinburgh.

Annabel Welsh - Administrator

Dr Roy Harris - Acute Medicine Consultant - **South East Scotland**

Dr Alice Wakefield Acute Medicine Registrar NHS Lothian

Dr Janey Mckane Acute Medicine Registrar NHS Lothian

Dr Imma Shah – Acute Medicine Registrar NHS Lothian

Dr Gordon McKinnon – Acute Medicine Consultant West of Scotland

Dr Anna Jamieson – Acute Medicine Registrar NHS Lothian

Dr Anna Te Water Naude – Anaesthesia Registrar NHS Lothian

Dr David Hall – Intensive Care Medicine Consultant NHS Lothian

Dr Andrew Merriman – Acute Medicine Registrar NHS Lothian

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Dr Rachel Sutherland Acute Medicine Consultant

Dr Jessica Ng – Acute Medicine Registrar NHS Lothian