

# 6th Chesterfield FUSIC Heart Course

Chesterfield | 29 Apr 2025

FUSIC approved, 6 RCoA CPD points approved



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29th Apr 2025, 08:30 – 17:30

Medical Education Centre, Chesterfield Royal Hospital

**Consultants £160, Non-consultants £140 (incl. VAT).**  
**Contact Deborah Waine to secure a place by emailing:**  
**Deborah.waine@nhs.net**

## Programme

*CPD Matrix codes: 1A03, 1B04, 2A04, 2C01, 2C03, 3C00*

08:30 – 09:00	Registration	Coffee & refreshments
09:00 – 09:15	Welcome & introduction	Dr Suneeta Teckchandani
09:15 – 09:45	Ultrasound physics, modalities & artefacts	Dr Maneka Braganza
09:45 – 10:25	FUSIC Heart views	Dr Nicola Pawley
10:25 – 10:45	Break	Coffee & biscuits
10:45 – 12:45	Practical skills stations 1	Acquiring FUSIC-H views
12:45 – 13:30	Break	Lunch (provided)
13:30 – 13:50	LV pathology	Dr Claire Hirst
13:50 – 14:10	RV Pathology	Dr Anand Padmakumar
14:10 – 14:30	Volume assessment & pericardium	Dr Euan Mackay
14:30 – 14:45	Break	Coffee & biscuits
14:45 – 17:00	Practical skills stations 2	Supervised scans
17:00 – 17:20	FUSIC Heart accreditation	Dr Euan Mackay
17:20 – 17:30	Feedback & close	Dr Suneeta Teckchandani



**Dr Suneeta  
Teckchandani**  
**Course Director**  
*Consultant Physician*

**I would like to extend a warm welcome to all of you on our first FUSIC-Heart Course at Chesterfield.**

I am a consultant physician in Acute Medicine with specialist interest in Cardiology. I have completed my BSE (TTE) accreditation. I routinely perform echocardiography on outpatient & inpatient lists and urgent scans in emergency situations. This skill puts me at an advantage in managing patients where a cardiac scan is needed. I regularly attend BSE conferences and keep up to date with the fast pace of the echocardiography world. I am very grateful to the people who taught me this invaluable skill and would like to be able to do the same for the future clinicians through this course. I hope we can offer you the best experience in cardiac ultrasound training. Best wishes



**Dr Anand  
Padmakumar**  
**Course Co-Founder**  
*Consultant Anaesthetist  
& Intensivist*

**I am thrilled to co-host this course with my very enthusiastic colleagues at Chesterfield.**

I am a FUSIC Heart mentor, trainer and an echo enthusiast who believes that bedside echo can make a real difference in patient care. I completed my anaesthesia & ICM training in 2014 and have been a consultant at Chesterfield Royal ever since. I am currently College Tutor, UG Lead for Anaesthesia students and Honorary Lecturer at Sheffield University. I am passionate about training & education, especially in critical care echocardiography. I have helped several colleagues attain FUSIC (previously FICE) accreditation. I have taught on many FUSIC-Heart courses and am very excited to start our own at Chesterfield this year.



**I am delighted to invite you all to this exciting new course! I hope you find this day informative and useful.**

I have been working as a consultant in anaesthesia and critical care at Chesterfield since 2019, after completing my training in South Yorkshire. I organise and chair the monthly echo club meetings which is attended by cardiologists, intensivists, trainees and technicians. I use FUSIC heart and lung imaging in my daily practice and find it extremely useful. I am FICM tutor, FUSIC heart mentor & FUSIC lung mentor (awaiting approval). I would go on, but Anand told me that Ali Parnell has a much more illustrious career and there won't be much room on the page left for me



**Dr Euan Mackay**  
**Course Co-Founder**  
*Consultant*  
*Anaesthetist & Intensivist*



**Dr Ali Parnell**  
*Consultant*  
*Anaesthetist*

**Echocardiography is increasingly becoming a core skill for practitioners and I am keen to share my knowledge and expertise on this course.**

I was a consultant cardiothoracic anaesthetist at Sheffield from 2010-2022 and now work at Chesterfield Royal Hospital. I gained BSE/ACTA TOE Accreditation in 2007 and became a TOE examiner with BSE in 2011, for 8 years. My interest in TOE led me to develop basic TTE competency in a mainly cardiac surgery ICU setting. I organised and was Course Director for FEEL courses in Sheffield from 2013-14. I was also the main author and editor of the E-Learning for Healthcare (e-LfH) module 'Intensive Care Echo & Basic Lung Ultrasound' (ICE-BLU).

**Echocardiography is something close to my heart and I practice it every day to improve patient care. Join us on the course to learn more about bedside echos.**

I completed my Anaesthesia and ICM training in South Yorkshire and commenced my consultant job at Chesterfield in 2021. I completed my FUSIC Heart (previously FICE) accreditation in 2017 and have taught on echo courses since 2019. I am keen on training and education both in the form of formal courses and on the shop floor.



**Dr Maneka  
Braganza**

*Consultant Anaesthetist  
& Intensivist*

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**Practical skills in anaesthesia and critical care are crucial to make a positive change in patient outcomes. Focused echocardiography is an integral part of this skill set. We're here to help you develop some of these skills at our course.**



**Dr Claire Hirst**

*Consultant Anaesthetist  
& Intensivist*

I completed medical training in Sheffield, Wales and New Zealand and started my career as a consultant anaesthetist and intensivist at Chesterfield this month! Big fan of the great outdoors, and trail running up hills, in part to offset being a big fan of steak and ale pie. I am FUSIC Heart accredited since 2017 and have been registered as a mentor with the ICS since 2019.

## Focused Ultrasound in Critical Care (FUSIC ) Heart Course



Our 1-day course caters to all your FUSIC Heart requirements and is being delivered by very experienced faculty



Includes interactive lectures, small group hands-on training and tailored feedback to help maximise your learning needs. Breakfast, lunch and refreshments included!

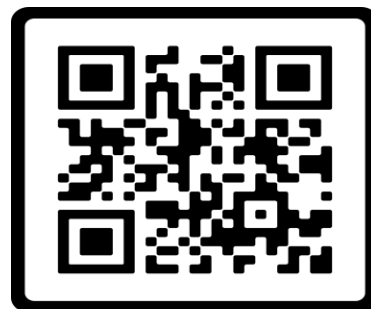
### *Course sponsors*



# Learning resources

## Information on FUSIC heart accreditation:

[https://www.ics.ac.uk/Society/Learning/FUSIC/Modules/FUSIC\\_Heart.aspx](https://www.ics.ac.uk/Society/Learning/FUSIC/Modules/FUSIC_Heart.aspx)



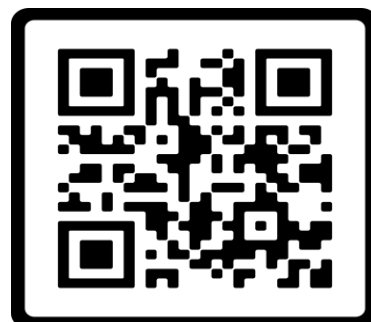
## ICE-BLU e-Lfh training module:

<https://www.e-lfh.org.uk/programmes/icu-echoultrasound/>



## South Yorkshire FUSIC learning resources:

<https://fusic-sy.co.uk/education/fusic-heart/>



## Recommended books and apps:

*Acute and Critical Care Echocardiography:* Claire Colebourn, Jim Newton  
Oxford Clinical Imaging Guides, OUP, 2017

### App Store Preview

Open the Mac App Store to buy and download apps.



#### EchoCalc 17+

The BSE echo reference app  
[British Society of Echocardiography](#)  
Designed for iPhone

★★★★★ 2.3 • 21 Ratings

Free - Offers In-App Purchases