

# Bedside echocardiography and lung ultrasound – *ICE-BLU*

High-quality e-learning for intensive care and acute medicine doctors



- Equips you with the theoretical knowledge to undertake basic echo and lung ultrasound
- Written by UK clinicians who use echocardiography in their daily practice
- Endorsed by the UK Intensive Care Society, the Faculty of Intensive Care Medicine and the Association for Cardiothoracic Anaesthesia and Critical Care

**In a critical care scenario, basic echocardiograms and lung ultrasound examinations can identify serious and life-threatening pathology in patients.**

*ICE-BLU* covers the theoretical knowledge required to undertake these procedures at the bedside. It is suitable for intensive care and acute medicine practitioners, anaesthetists and all clinicians who look after critically-ill patients.

The highly interactive course content is available online so you can study in work, at home or even on the move.

## key features at a glance

- **Comprehensive course content**  
*ICE-BLU* is structured around the UK's Focused Intensive Care Echocardiography (FICE) curriculum. However, it is relevant to healthcare professionals globally.
- **Highly interactive, certificated course**  
The sessions feature many echocardiography videos and self-assessment exercises. You will receive a certificate on successful completion of the final assessment.
- **Written by clinicians for clinicians**  
*ICE-BLU* has been written by expert clinicians who use echocardiography in their daily practice and teach on FICE courses. So, it meets the highest quality standards.
- **Any time, anywhere**  
You can access *ICE-BLU* via the Internet. So, you can study at your own pace and return to any sessions, as needed.
- **Quality assured in the UK**  
*ICE-BLU* is mapped to the joint Intensive Care Society and British Society of Echocardiography accreditation programme. It has been endorsed by all the relevant professional bodies in the UK.

In partnership with:

The Faculty of  
**Intensive Care Medicine**



**NHS**  
Health Education England



### Highly engaging, flexible learning

Bedside transthoracic echocardiography is a well-established technique, although intensive care physician-delivered echocardiography is a relatively recent development.

*ICE-BLU*, which is suitable for both training and continuing professional development, meets the demand for high-quality learning in this area. With this resource, you can view clinical diagrams, echo images and videos – providing enhanced spatial awareness and realism.

*ICE-BLU* can be used to prepare for hands-on training, helping you to get

the most out of your face-to-face learning, or simply to refresh and expand your knowledge.

### Interactive exercises

Self-assessment exercises test your understanding on key themes. Completion of the eight knowledge sessions ‘unlocks’ a summative assessment test. On successful completion, you can download a certificate as evidence of your learning.

Accessible online, *ICE-BLU* offers a flexible, comprehensive training resource that fits around your busy working life.

*“ Learning a new skill can be a major challenge for an experienced consultant. Attending courses helps of course but what I really needed was a straightforward and accessible training package at my finger tips. The ICE-BLU package delivers that perfectly for me. ”*

**Dr Gary Masterson MA FRCA FRCP FFICM  
Consultant in Critical Care Medicine and Anaesthesia**

**PURCHASE NOW**

## course content

*ICE-BLU* contains nine e-learning sessions, each taking around 30 minutes to complete:

- Which patients benefit from basic echo?
- Physics of ultrasound and image optimisation
- Anatomy and basic views
- Left ventricular function
- Right ventricular function
- Pathology
- Basic lung ultrasound
- Limitations and pitfalls
- *ICE-BLU* summative MCQ assessment

You can find more detailed course content information on our [programme page](#) on the website.

You can also complete a [sample session](#) free of charge. This session explores the anatomy of the heart and lungs related to ultrasound imaging.

