

Practical ABC Ultrasound Workshop

The use of ultrasound in intensive care and anaesthesia is rapidly expanding facilitated by the scientific evidence of its incremental value as a non-invasive diagnostic and monitoring tool.

“ABC ultrasound” or “whole-body ultrasound” are some of the widespread clinical terms used to express the versatility and pervasive strength of point-of-care ultrasound when facing the critically ill or surgical patient.

The clinical point-of-care application of ultrasound beyond the traditional use of sonography in radiology or echocardiography in cardiology, add invaluable complementary information to the objective clinical examination, facilitating effective and speedy point-of-care patient management.

Ultrasound has the great advantage of being non-invasive, safe, repetitive and applicable at the bedside.

The objective of this workshop is to provide the delegates an introduction to basic practical ultrasound skills complying with the best focused protocols for ultrasound of the heart (FATE), lung (LUS), abdomen (FAST), and peripheral vascular access (PUGVA).

The workshop focuses on hands-on-training of focused ultrasound scanning of a live model in small groups under the lead of a supervisor.

An interactive e-learning module is offered to all delegates registered to the workshop and should be completed by the delegates prior to the workshop in order to maximise the benefit of the hands-on training.

Learning objectives for the workshop:

At completion of the workshop, you become able to

- Perform the four most important transthoracic cardiac views and recognise clinically significant pathology
- Evaluate lung and pleura with respect to pleural effusion, atelectasis, pneumothorax and pulmonary oedema
- Perform a focused abdominal ultrasound examination including the identification of free fluid
- Perform ultrasound guided peripheral vascular access
- Use focused ultrasound guidance to monitor the hemodynamic unstable patient