

# Workshop Objectives

1. To appreciate heart anatomy.
2. Understand acoustic windows & imaging planes used in echo.
3. Outline common pathologies associated with the heart.
4. Describe how echo is used to measure cardiac output, stroke volume, Ejection Fraction AVA etc.
5. Appreciate echo as a tool to assess left & right heart systolic function.
6. Understand echo image orientation.
7. Understand the basic principles of Doppler haemodynamics.
8. Provide delegates with tutor assisted 'hands on' echo practice.
9. To appreciate normal values in an echo examination.
10. Understand the limitations of the Doppler technique.
11. Understand the components of a FOCUS echo examination.
12. Outline the role of Echo in life support.
13. Appreciate the use of Rapid Cardiac Echo in the critically ill.
14. Identify common ultrasound artefacts.

