

Eco Tech. Syllabus ✓

Objectives

~~Upon completion of this course, attendees should be able to :~~

- identify the clinical utility of emerging cardiovascular imaging modalities in complex valvular heart disease, including prosthetic valves, and apply them in their clinical utility
- identify diastolic filling patterns found in various cardiac disorders.
- show understanding of the use of Tissue Doppler Imaging and color M-mode echocardiography
- show understanding of the technique, relative advantages, and prognostic value of exercise & pharmacological stress echocardiography
- explain the technology, pitfalls and clinical uses of TEE
- identify the systolic and diastolic function / dysfunction of left and right heart.
- Understand the role of new technologies and the growing use of echo to guide interventions

Echocardiography – M-mode, Two dimensional, Doppler, color flow imaging, transesophageal echocardiography and echo directed hemodynamic studies.