

Aortic Stenosis Competencies

1. Know the characteristic features and natural history of congenital bicuspid aortic valve disease in adult patients.
2. Know the etiology, natural history, pathophysiology, and differential diagnosis of acquired aortic, mitral, pulmonic, and tricuspid valve diseases.
3. Know the cardinal symptoms and physical findings of aortic stenosis & mitral stenosis, and their role in management decisions
4. Know the characteristic features and natural history of rheumatic VHD.
5. Know the appropriate indications for, and characteristic findings of, echocardiographic testing for diagnosis and assessment of severity during initial evaluation and upon follow-up.
6. Know the role of stress testing in assessment of VHD.
7. Know the indications for, and clinical pharmacology of, drugs used for the treatment of native and prosthetic VHD, including anticoagulation and antibiotic prophylaxis.
8. Know the indications and expected outcomes for surgical therapy in VHD, including valve selection and repair versus replacement.
9. Know the indications and expected outcomes for transcatheter therapy in VHD.