## Echocardiographic Assessment of Valve Stenosis

Aortic Stenosis


Mitral Stenosis
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Integrated and Stepwise Approach to Grading Aortic Stenosis



CW Doppler
Multippe acous
right parastern
Multiple acoustic window (apical, suprasternal
right parasternal)
Optimize signal by adjusting gain, baseline,
scale, wall filter and sweep speed VTI traced from outer edge of dense signal cu Measure peak velocity and mean gradien
Advantage: direct measurement Limitation: flow dependent, angle



