

Aortic Insufficiency Scales

Method: Jet height / LVOT height

Mild	below 25%
Moderate	25-46%
Moderate/severe	47-64%
Severe	65% or more

Method: Jet area / LVOT area

Mild	below 4%
Moderate	4-24%
Moderate/severe	25-59%
Severe	60% or more

Aortic Stenosis Scales

Method: Peak gradient

Mild	16-36 mmHg
Moderate	36-50 mmHg
Moderate/severe	50-75 mmHg
Severe	75 mmHg or more

Method: Mean gradient

Mild	below 20 mmHg
Moderate	20-35 mmHg
Severe	35 mmHg or more

Method: Aortic Valve Area

Normal	3-5 sq cm
Mild	1.1-1.9 sq cm
Moderate	0.75-1.1 sq cm
Severe	below 0.75 sq cm

Mitral Regurgitation Grading

Method: CFD Regurgitant Jet Area/LA Area

Mild	10-28%
Moderate	29-54%
Severe	55% or more

Mitral Stenosis Severity Scales

Method: Pressure half-time

Normal	30-60 msec
Mild	90-150 msec
Moderate	150-219 msec
Severe	220 msec

Method: Mitral Valve Area

Normal	4-6 sq cm
Mild	1.5-2.5 sq cm
Moderate	1-1.5 sq cm
Severe	below 1 sq cm

Method: Mean pressure gradient

Mild	below 5 mm Hg
Moderate	6-12 mm Hg
Severe	above 12 mm Hg