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Echocardiography: Pocketcard Set

Echocardiography pocketcard Set

Aortic Stenosis (AS)			Pulmonic Stenosis (PS)		
	Peak Velocity (m/s)	Peak Gradient (mm Hg)		Peak Gradient (mm Hg)	Peak Velocity (m/s)
Normal	1.0	< 10	Normal	< 30	< 3
Mild	2.0-2.9	< 20	Moderate	30-44	3-4
Moderate	3.0-4.0	20-49	Severe	> 44	> 4
Severe	> 4.0	> 49			

Mitral Stenosis (MS)			Tricuspid Stenosis (TS)		
	Mean Gradient (mm Hg)	Valve Area (cm ²)		Mean Gradient (mm Hg)	Valve Area (cm ²)
Normal	< 10	2.5-3.5	Normal	< 2	> 3
Mild	< 20	> 1.5	Mild	< 2	< 1
Moderate	20-40	1.0-1.5	Moderate	2-5	< 1
Severe	> 40	< 1.0	Severe	> 5	< 0.7

Mitral Regurgitation (MR)			Valvular Regurgitation		
	Mean Grad (mm Hg)	Area (cm ²)	Valve	Normal Peak Velocity	
Normal	-	< 6	Aortic	5-5 m/s	
Mild	< 5	< 1.5	Mitral	4-6 m/s	
Moderate	5-30	1.0-1.5	Pulmonic	< 2.5 m/s	
Severe	> 30	> 1.0	Tricuspid	2.5 m/s	

MV Pressure Half Time in MS			Aortic Regurgitation (AR)		
	Normal	Abnormal	Deceleration Rate (m/s ²)	Pres Half Time (msec)	Area (cm ²)
Normal	30-100 msec		> 2	< 500	> 0.7
Reversed	90-100 msec		Mild	2-3	200-500
Reversed	90-140 msec		Moderate	> 3	200-350
Severe	> 200 msec		Severe	> 5	> 350

MS Morphology Scoring			Mitral Regurgitation (MR)		
Morphology	Pts		Regurg Vol (mL)	RegVol (%)	RegVol (%)
Leaflets			Mild	< 30	< 0.20
Highly mobile with retracted leaflet tips	1		Mild-Moderate	30-49	0.21-0.29
Leaflet middle and base with normal mobility	2		Moderate	50-99	0.30-0.39
Valve confined to move forward in diastole, usually from the base	3		Severe	> 100	> 0.40
No or minimal forward movement of leaflet in diastole	4				
Thickening					
Mean normal thickness (3-5mm)	1				
Mild leaflet normal, minimal thickening in margin (5-6mm)	2				
Thickening extending through entire leaflet (5-6mm)	3				
Marked thickening of all leaflet (over 10mm)	4				
Subvalvular apparatus					
Mild to moderate thickening below the mitral leaflets	1				
Thickening of chordal structures extending into one-third of the chordal length	2				
Thickening extending to the distal third of chordal length	3				
Extensive thickening and widening of all chordal structures	4				
Calcification					
A large area of increased echogenicity	1				
Scattered areas of brightness confined to leaflet margins	2				
Brightness extending into the mid portion of the leaflets	3				
Extensive brightness throughout much of the leaflet tissue	4				

Mitral Valve Scallops - TEE



Synopsis

Pocket-sized laminated card offers quick access to instructions on how to read an ECG. Includes tamponade vs. cardiomyopathy, differential diagnosis, abnormal LV filling patterns, estimation of right atrial pressure, normal diastolic indices, classification of diastolic dysfunction, and more. For clinicians.

Book Information

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Customer Reviews

Handy. I am a reader at a hospital, and refer to the cards for normal values. Two problems: 1. Print is a bit small 2. Its time to bring them up to date.

i'm still in school but already seeing it useful in clinic work. quick guide with most common normal values. I took the button off so i can flip 2 pages easily.

Very practical, good to have in your pocket, especially for cardiology fellows or residents. It has all the important values you need.

A good quick reference guide. Quite busy and needs updating based on the new ASE guidelines.

The values of vena contracta in mitral regurgitation are wrong. Perhaps a printing error.

Excellent tool when you doing an echocardiogram.

Good pocket cards. Good buy. Would be PERFECt and great if the cards are split into few smaller cards that fits the pocket.

I really like these. All the info you need from the Reynolds in one place and no where near as heavy!

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