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Echocardiography: Pocketcard Set

Echocardiography pocketcard Set

Aortic Stenosis (AS)			Pulmonic Stenosis (PS)		
	Peak Velocity (cm/s)	Peak Gradient (mm Hg)		Peak Gradient (mm Hg)	Peak Velocity (cm/s)
Normal	1.0	< 10	Normal	< 36	< 3
Mild	2.0-2.9	< 20	Moderate	36-64	3-4
Moderate	3.0-4.0	20-40	Severe	> 64	> 4
Severe	> 4.0	> 40			

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	> 7.0
Mild	< 20	< 1.5	Mild	< 2	-
Moderate	20-40	1.0-1.5	Moderate	2-6	-
Severe	> 40	< 1.0	Severe	> 7	< 1

Valvular Regurgitation		
Valve	Normal Peak Velocity	
Aortic	3-5 m/s	
Mitral	4-6 m/s	
Pulmonic	2-3 m/s	
Tricuspid	2.5 m/s	

MV Pressure Half Time in MS			Aortic Regurgitation (AR)		
	Deceleration Rate (cm/s ²)	Press Half Time (msec)		Deceleration Rate (cm/s ²)	Press Half Time (msec)
Normal	30-80 msec	> 500	Mild	> 2	300-500
Moderate	40-60 msec	200-300	Moderate	1-1	200-300
Severe	> 200 msec	< 100	Severe	< 1	< 100

MS Morphology Scoring			Mitral Regurgitation (MR)		
Morphology	Pts		MR Area	VC (cm)	
Leaflet			Mild	< 4cm ² or < 20% LA	< 0.3
Leaflet middle and base with normal mobility	1		Mild-Moderate	4-6cm ² or 20-30% LA	0.3-0.7
Leaflet continues to move forward in diastole, usually from the base	2		Moderate	6-8cm ² or 30-40% LA	0.7-1.0
No or minimal forward movement of leaflet in diastole	4		Severe	> 8cm ² or > 40% LA	> 1.0
Thickening			Mild	< 30	< 0.20
Mean normal thickness (< 3mm)	1		Mild-Moderate	30-40	0.2-0.25
Mild leaflet normal, minimal thickening in regions (< 3mm)	2		Moderate	40-60	0.3-0.35
Thickening extending through entire leaflet (> 3mm)	3		Severe	> 60	> 0.40
Marked thickening of all leaflet (> 3mm)	4				
Subvalvular apparatus					
Mild or no thickening below the mitral leaflets	1				
Thickening of chordal structures extending into one third of chordal length	2				
Thickening extending to the distal third of chordal length	3				
Extensive thickening and chattering 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 - FFR

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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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