Diastolic Dysfunction Made EASY!

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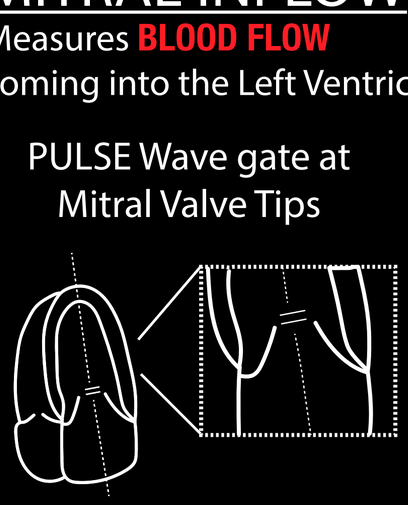
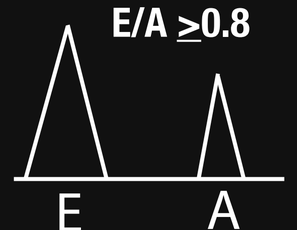
INTERPRETATION:	Grade 0 (Normal)	Grade 1 (Impaired Relaxation)	Grade 2 (Pseudonormal)	Grade 3 (Restrictive)
	E/A ≥0.8 e' ≥ 8 cm/s E/e' < 8	E/A <0.8 e' < 8 cm/s E/e' < 8	E/A ≥0.8 e' < 8 cm/s E/e' 8 - 15	E/A ≥2 e' << 8 cm/s E/e' > 15

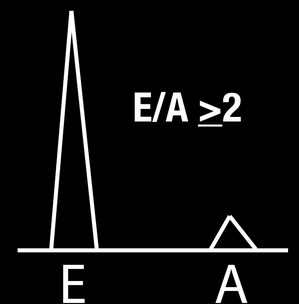
MITRAL INFLOW

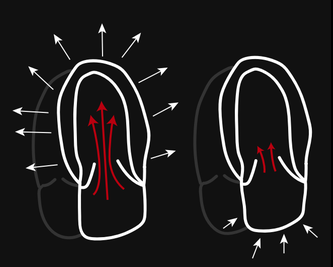
Measures **BLOOD FLOW** coming into the Left Ventricle

PULSE Wave gate at Mitral Valve Tips

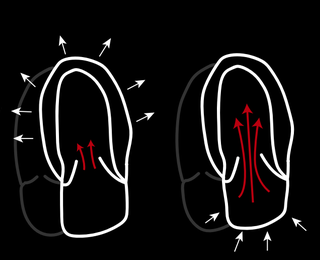




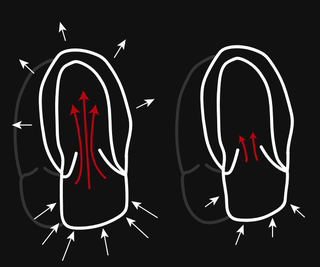




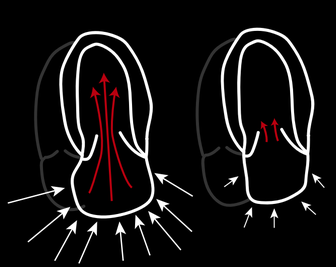
Impaired Relaxation & Decreased LV Compliance



Increase in LAP causing more "Push" from LA during Early Filling

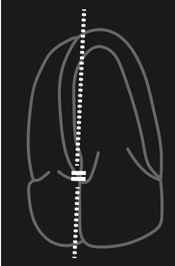


Severe increase in LAP causing more "Push" from LA during Early Filling. Also LA enlargement



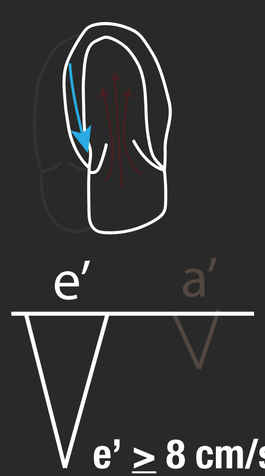
TISSUE DOPPLER

Measures **MUSCLE MOVEMENT** of the Left Ventricle AWAY from probe during Diastole



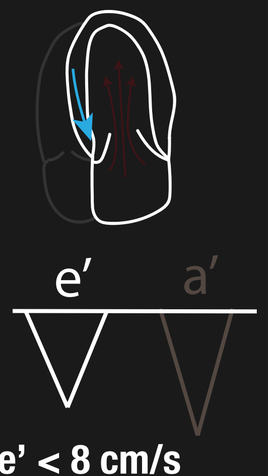
Tissue Doppler gate at Septal Annulus

POCUS 101



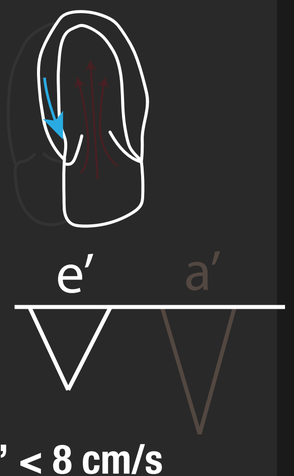
e' ≥ 8 cm/s

Mild Decrease in LV Muscle Relaxation Speed



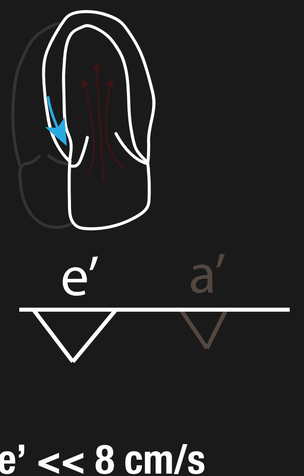
e' < 8 cm/s

Moderate Decrease in LV Muscle Relaxation Speed



e' < 8 cm/s

Severe Decrease in LV Muscle Relaxation Speed



e' << 8 cm/s