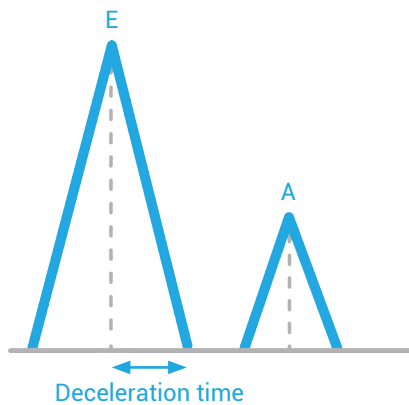


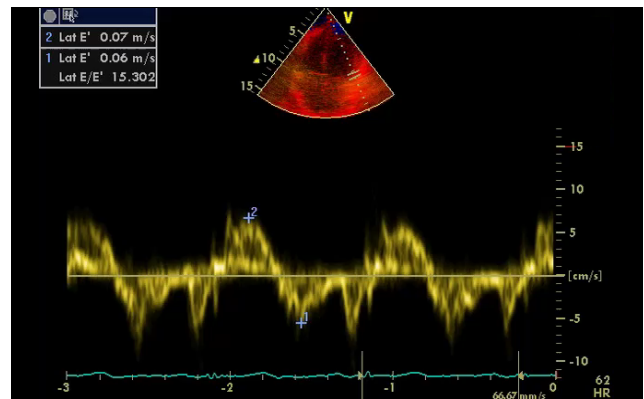
THE VENTRICLES AND PULMONARY PRESSURES

Assessing left ventricular diastolic function

Assess left ventricle diastolic function using tissue Doppler and pulsed wave Doppler at the mitral valve.



Normal filling pattern



Tissue Doppler to measure E/E'

If you measure E, A, E deceleration, and lateral E/E' you can use this composite table as a rough guide to see if it helps identify the filling pattern:

LV diastole	E/A	E deceleration time (ms)	Lateral E/E'
Normal	0.8–1.5	150–200 150–280 if >65 years	≤10
Slow	<0.8	>200 >280 if >65 years	≤10
Pseudonormal	0.8–1.5	150–200 150–280 if >65 years	>10
Restrictive	>2	<150	>10

References and further reading:

Rimington H and Chambers JB. 2016. *Echocardiography: A practical guide for reporting and interpretation*. Boca Raton, FL: CRC Press, Taylor & Francis Group.