

## Summary of RA, PCWP, and LA Waveforms

Wave forms	RA/CVP	Correlation to ECG	PCWP or LA	Correlation to ECG
<i>a</i>	Produced by atrial contractions; precedes arterial pulsation	PR Interval	Left atrial systole	Follows P wave
<i>x</i>	Negative descent caused by a reduction in pressure after atrial contraction		Decline in pressure related to a decrease in LA volume	
<i>c</i>	Movement of the tricuspid valve toward the atrium	RST junction	Produced by closure of mitral valve—may not be seen	
<i>v</i>	Occurs at end of ventricular systole	Peak of T wave	Filling of LA and bulging back of mitral valve	T-P interval
<i>y</i>	Decrease in RA volume during filling of RA		Decrease in LAP during filling of LV	