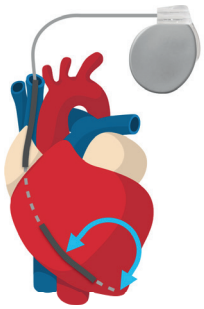
DISCRIMINATING BETWEEN DIFFERENT ARRHYTHMIAS

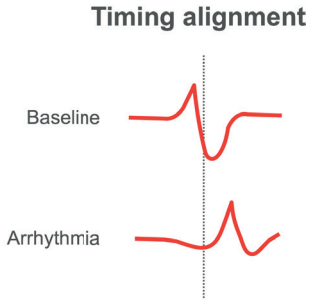
QRS morphology—a 'normal' template

Key take-away points

- Morphology looks at the structure and waveform of an arrhythmia.
- Requires a baseline template of a normal QRS.
- Requires intrinsic rhythm in ordered to be utilized.

Rhythm	Onset	Ventricular rate	QRS morphology	AV association	Regular R-to-R
Sinus tachycardia		>100 bpm		*As = Vs*	
Atrial fibrillation		~ 30–200 bpm		*As > Vs*	
Ventricular tachycardia		~ 170 bpm +		*As < Vs*	
Ventricular fibrillation		Up to ~ 500 bpm		*As < Vs*	





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