

Figure 1

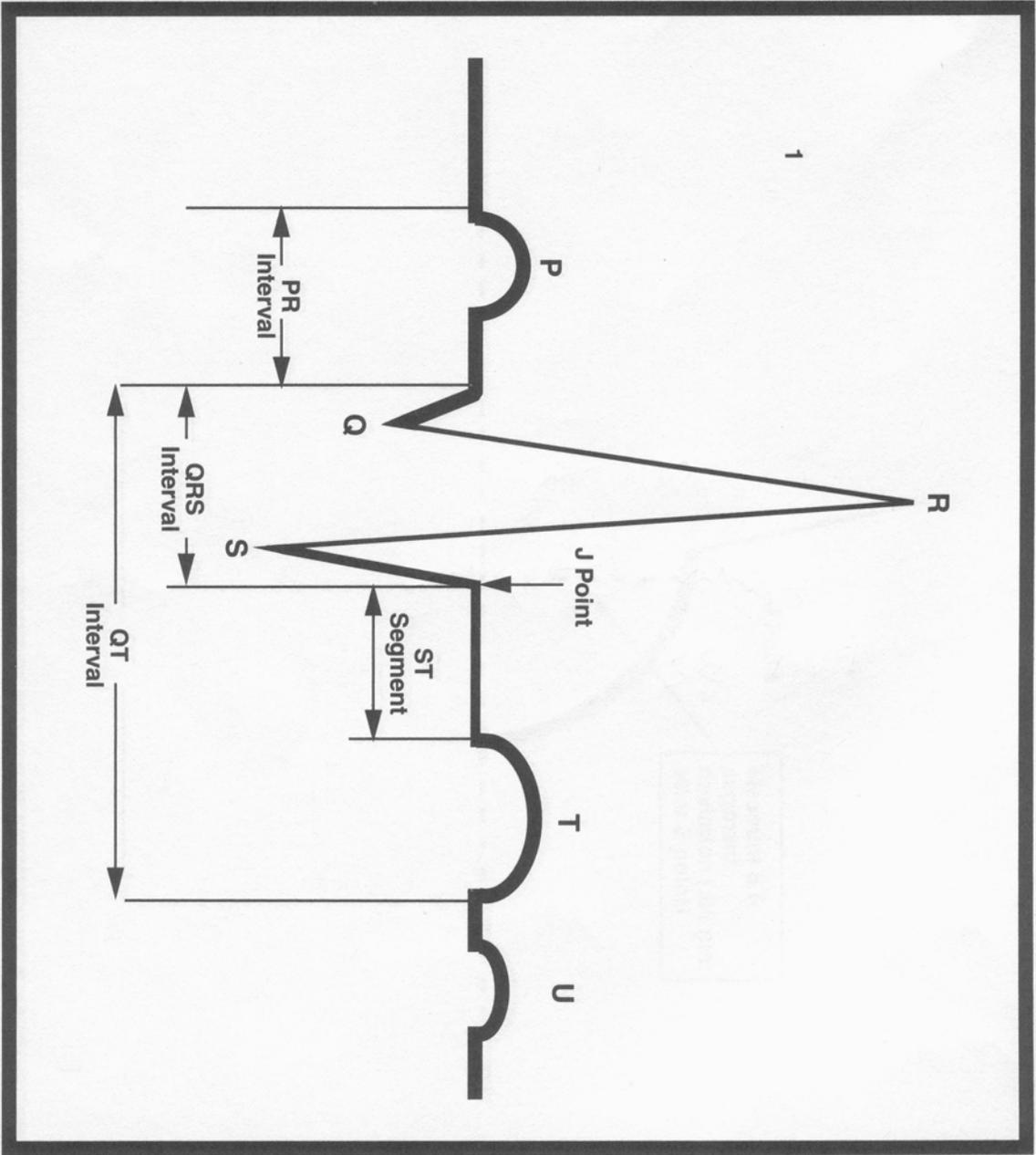
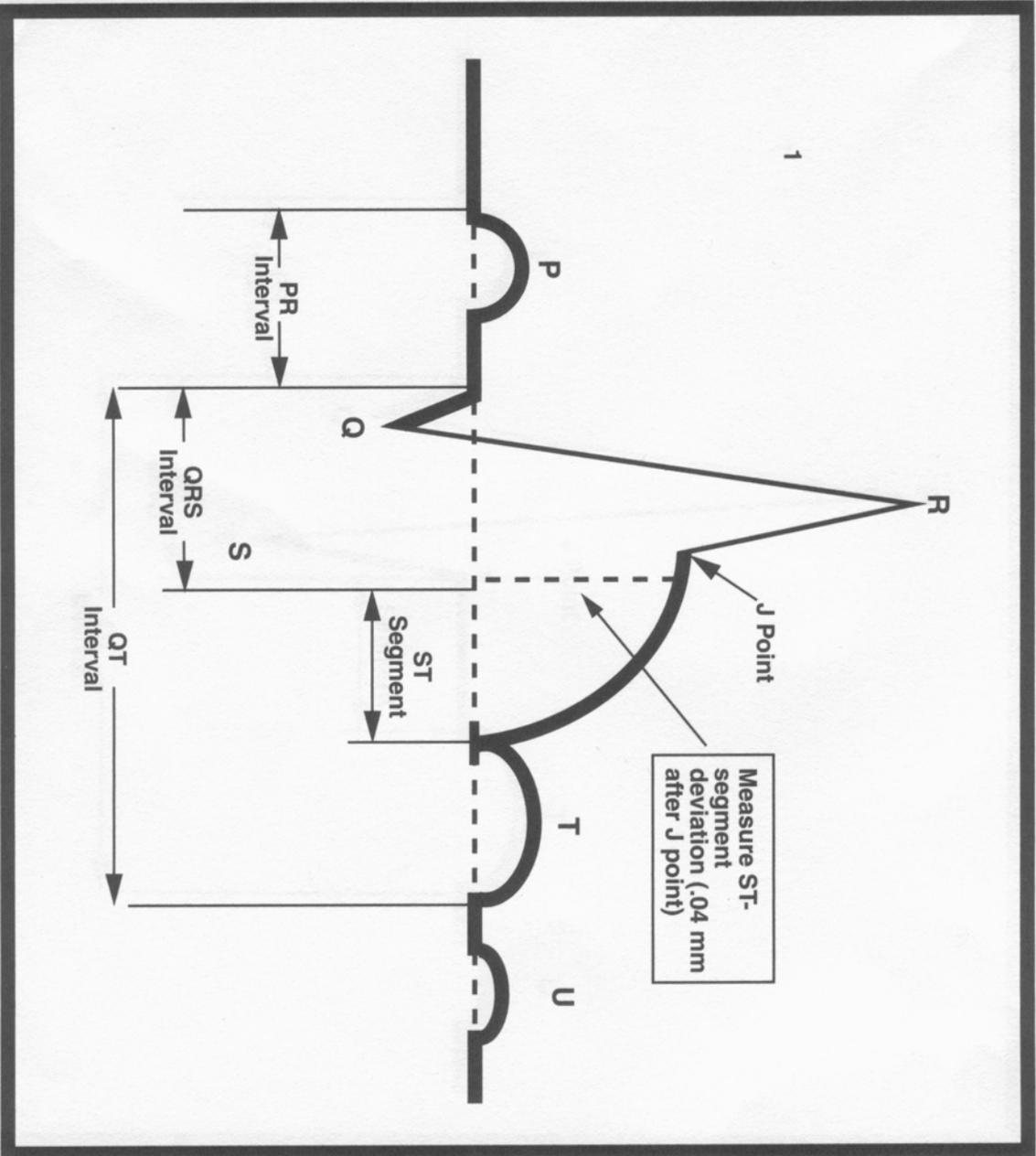


Figure 2



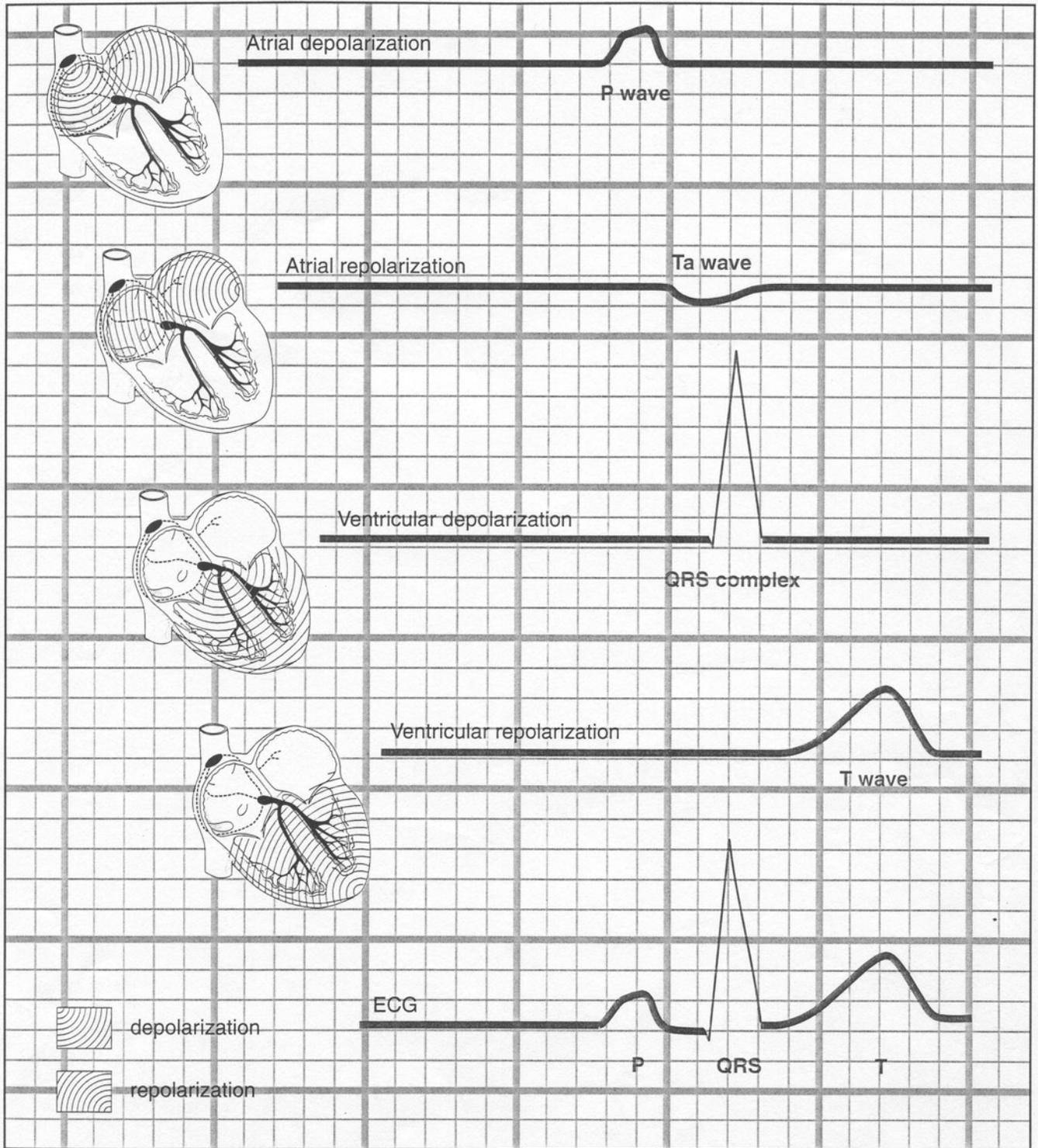
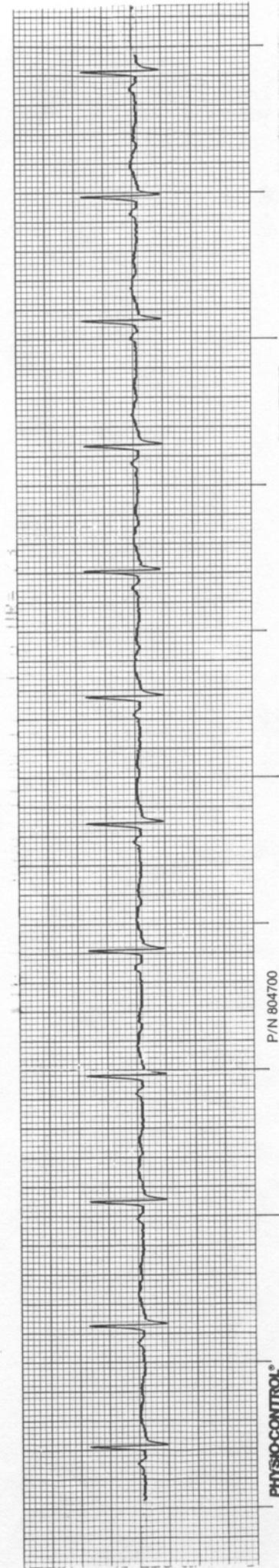


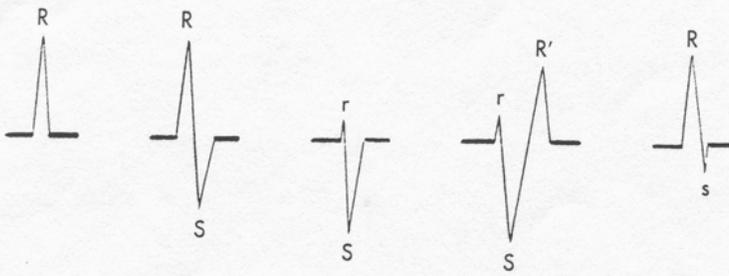
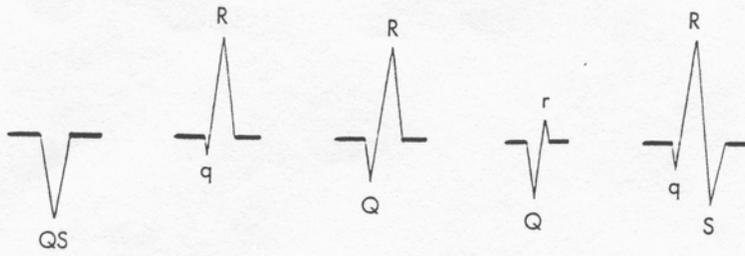
Figure 2-1 Electrical basis of the ECG.

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PV119

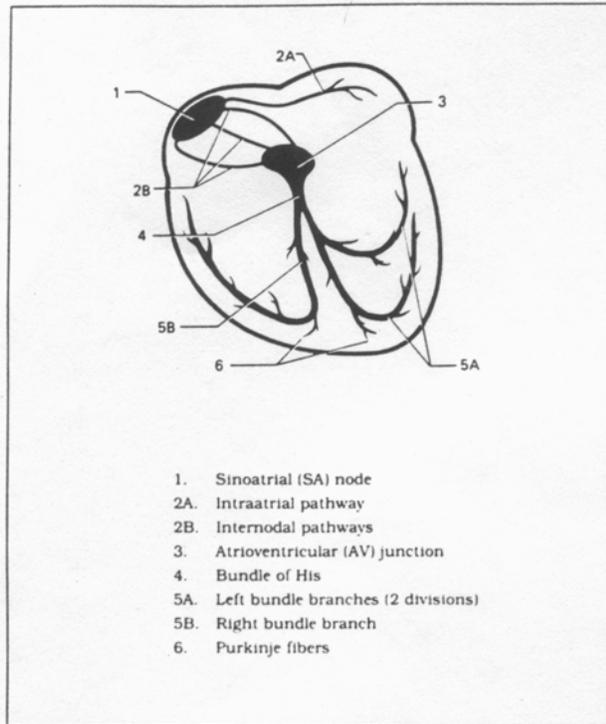


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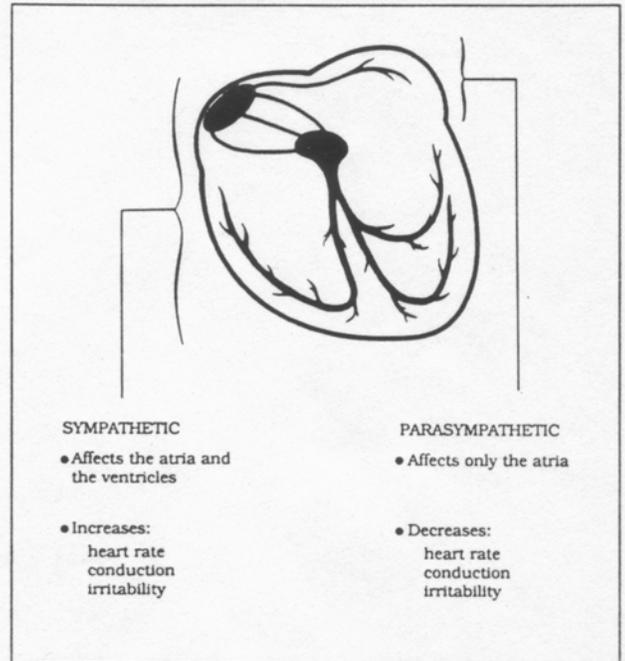
PHYSIO-CONTROL®



Electrical Conduction through the Heart



Innervation of the Heart by the Autonomic Nervous System

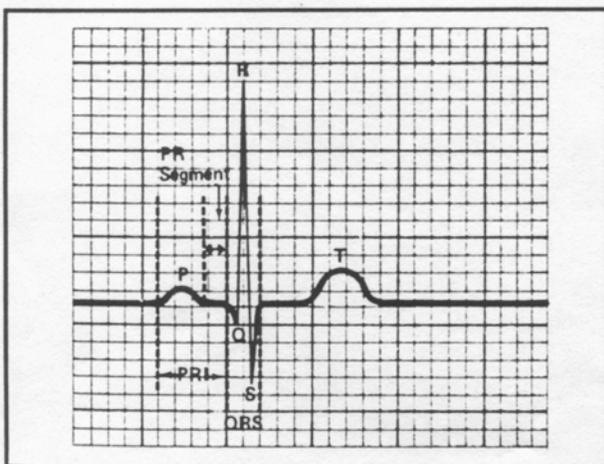


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EKG Wave Patterns

EKG Complex



Electrical Activity	Associated Pattern	Graphic Depiction
Atrial Depolarization	P Wave	
Delay at AV Node	PR Segment	
Ventricular Depolarization	QRS Complex	
Ventricular Repolarization	T Wave	
No Electrical Activity	Isoelectric Line	

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ELECTROCARDIAGRAM (ECG)

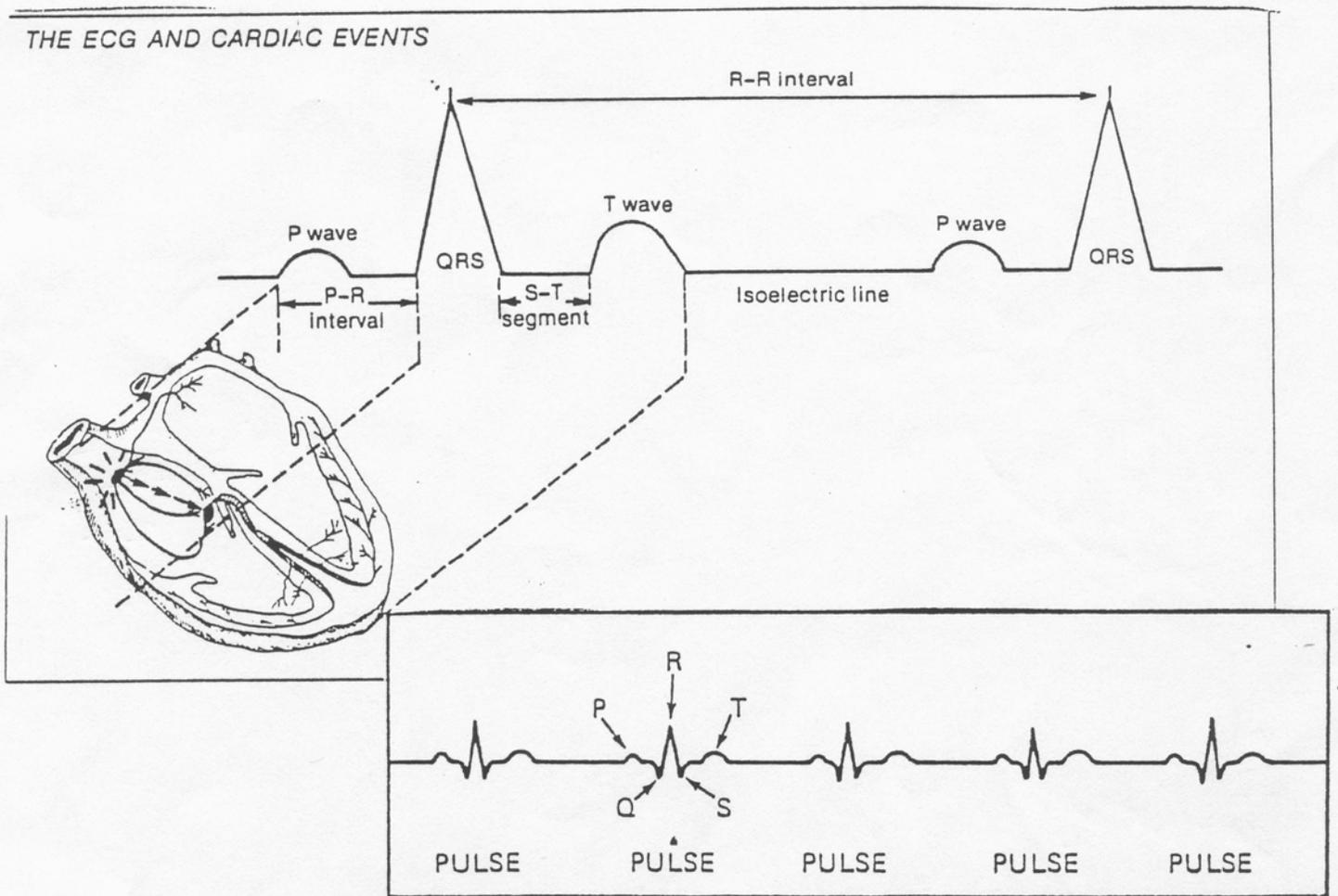
The electrical events of the heart can be recorded as a series of waves and complexes.

The P-wave represents the contraction (depolarization) of the atria.

The QRS complex represents the contraction of the ventricles.

The T-wave represents the repolarization of the ventricles.

You do not see the repolarization of the atria. WHY?



In a healthy heart, each cardiac cycle would be expected to correlate with the patient's individual pulse beats.