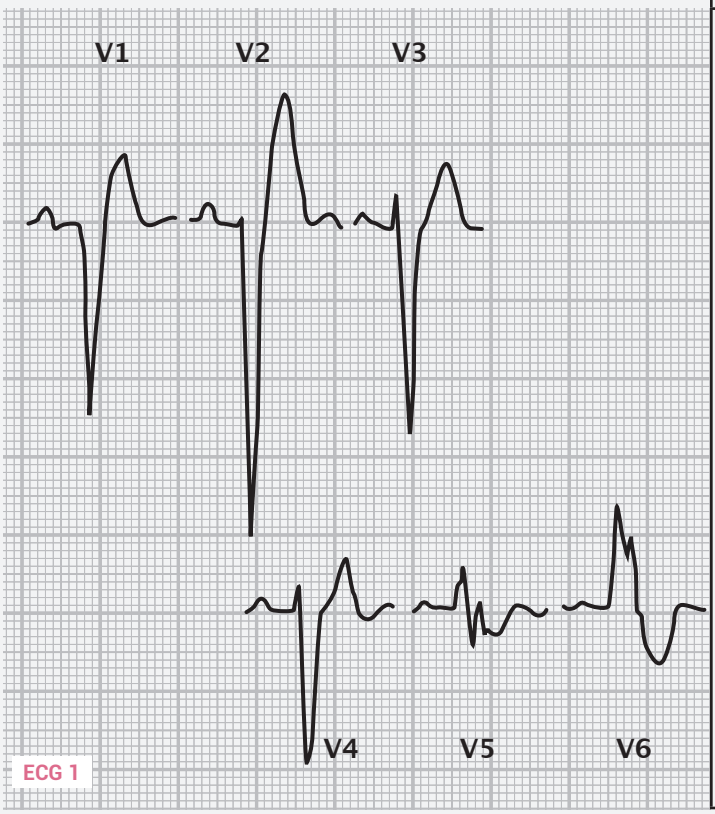
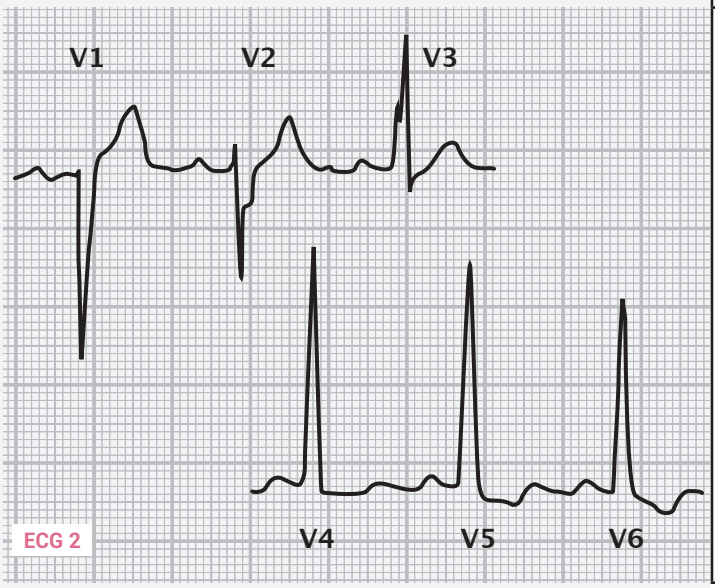
Level 7

QUIZ SECTION

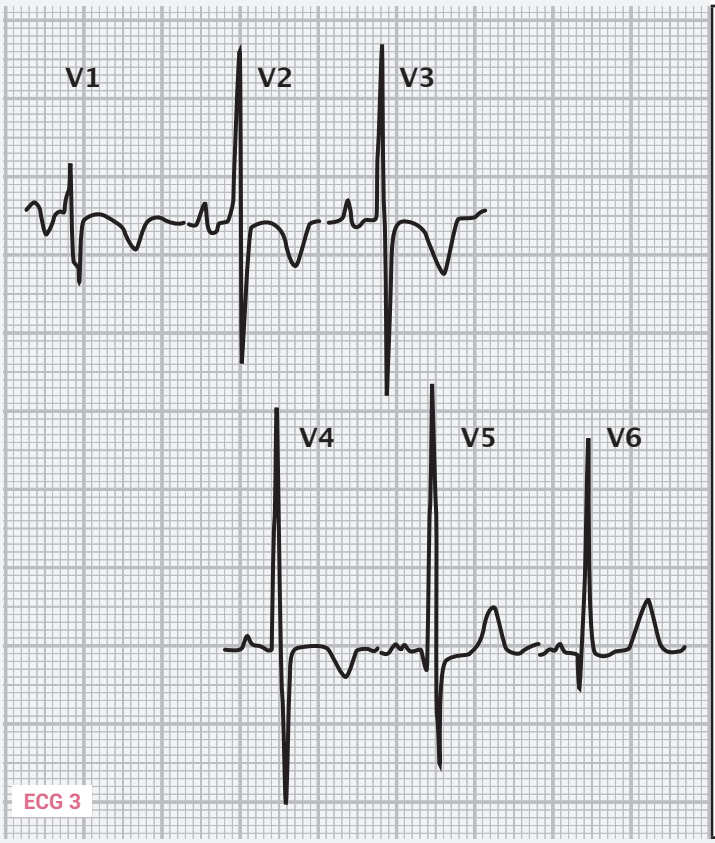
In the following exercises, please describe the pattern of ST-segment changes (e.g., horizontal, descending, etc.) as well as T-wave changes (e.g., symmetric, asymmetric, biphasic, etc.) and decide what the underlying diagnosis could be.



ST depression	T negativity	Diagnosis
Descending	Flat	Left ventricular hypertrophy
Sagging or U-shaped	Negative-positive biphasic	Right ventricular hypertrophy
Horizontal	Asymmetrically negative	Complete left bundle branch
Ascending	Symmetrically negative	Complete right bundle branch
None	Positive-negative biphasic	WPW syndrome
	None	Coronary ST depression
		Coronary T-wave inversion

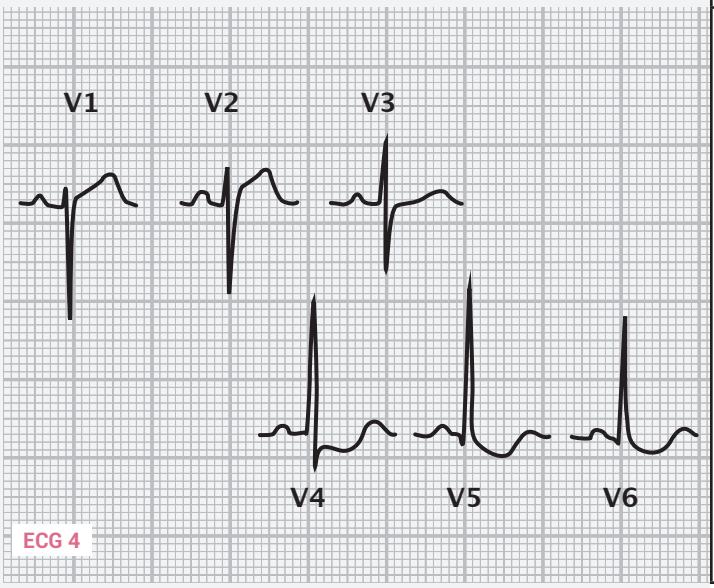


ECG 2

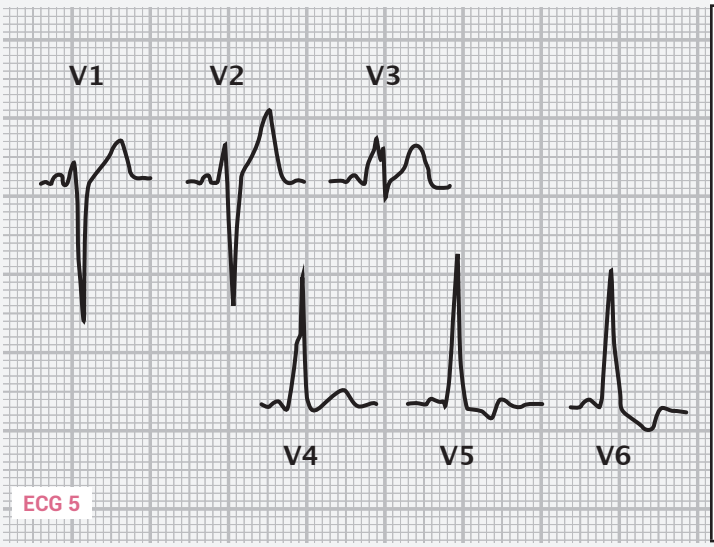


ECG 3

ST depression						T negativity						Diagnosis							
Descending	Sagging or U-shaped	Horizontal	Ascending	None		Flat	Negative-positive biphasic	Asymmetrically negative	Symmetrically negative	Positive-negative biphasic	None	Left ventricular hypertrophy	Right ventricular hypertrophy	Complete left bundle branch	Complete right bundle branch	WPW syndrome	Coronary ST depression	Coronary T-wave inversion	

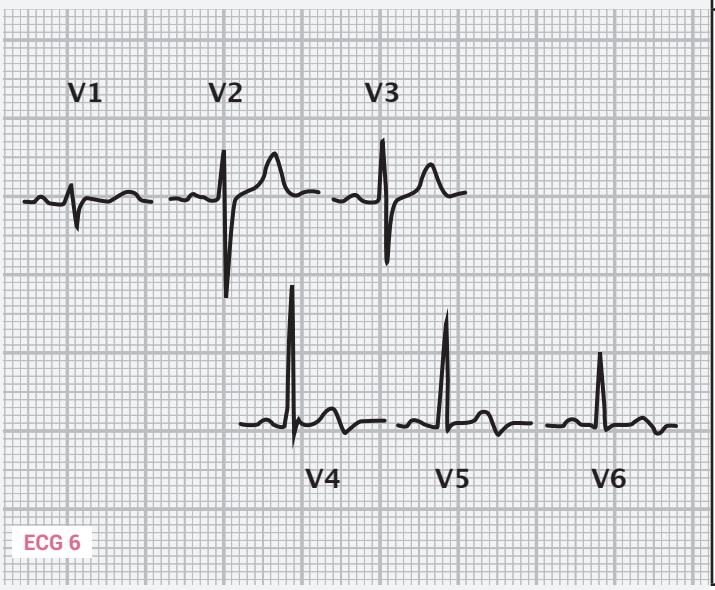


ECG 4

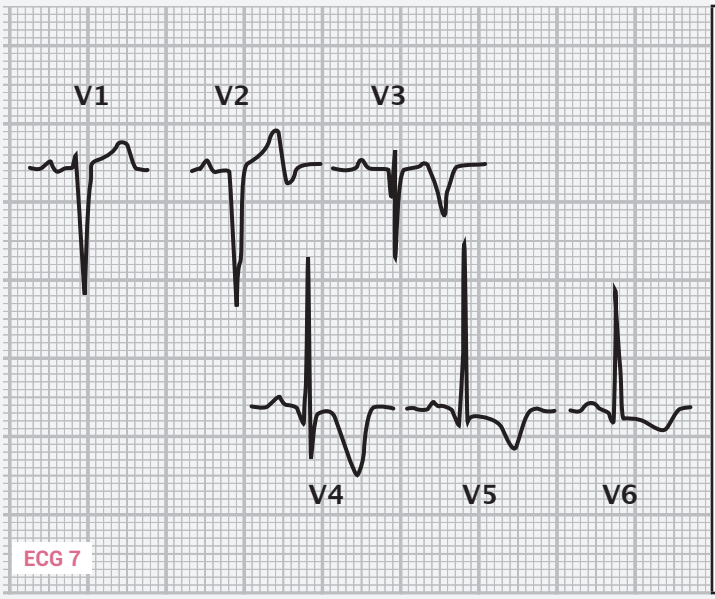


ECG 5

ST depression	T negativity	Diagnosis
Descending	Flat	Left ventricular hypertrophy
Sagging or U-shaped	Negative-positive biphasic	Right ventricular hypertrophy
Horizontal	Asymmetrically negative	Complete left bundle branch
Ascending	Symmetrically negative	Complete right bundle branch
None	Positive-negative biphasic	WPW syndrome
	None	Coronary ST depression
		Coronary T-wave inversion



ECG 6



ECG 7

ST depression						T negativity						Diagnosis							
Descending	Sagging or U-shaped	Horizontal	Ascending	None		Flat	Negative-positive biphasic	Asymmetrically negative	Symmetrically negative	Positive-negative biphasic	None	Left ventricular hypertrophy	Right ventricular hypertrophy	Complete left bundle branch	Complete right bundle branch	WPW syndrome	Coronary ST depression	Coronary T-wave inversion	