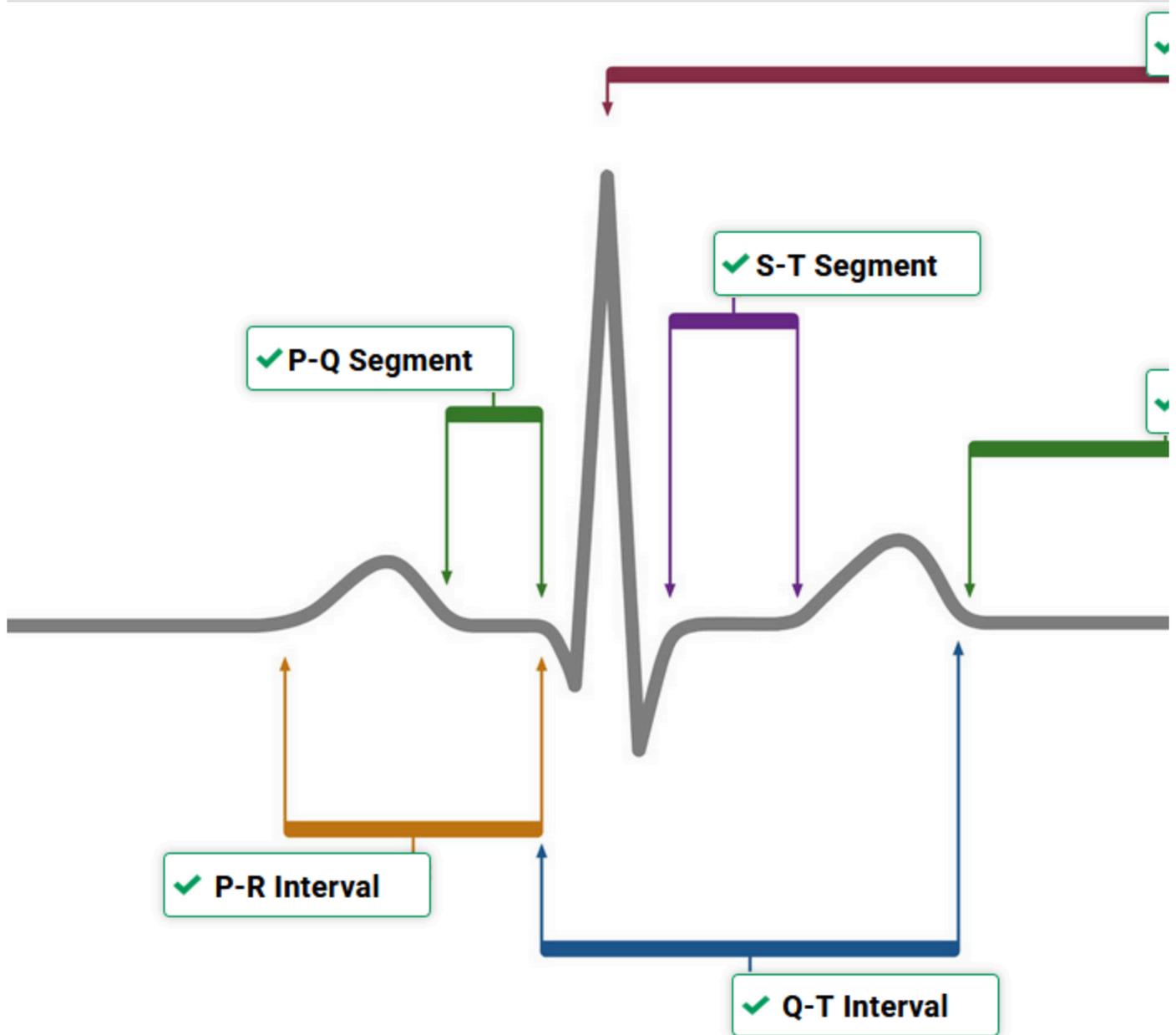


Student: Aidan Sharpe

Components of an ECG



Measure ECG - sitting at rest



Measure ECG - sitting after exercise



Apply what you have learned:

Which of the following correctly describes the electrode placements in the Einthoven's triangle arrangement?

One on each wrist and one on the left ankle.

Look at your collected lab data, what happens to the heart rate as the R-R interval decreases?

The heart rate increases.

Which waveform changes the most when heart rate increases?

T-P segment

Collected Lab Data

	Sitting at Rest	Sitting After Exercise
R-R Interval Duration (s)	1	0.5
Heart Rate (bpm)	60	120
P Wave Duration (s)	0.1	0.06
P-R Interval Duration (s)	0.18	0.1
P-Q Segment Duration (s)	0.08	0.04
QRS Complex Duration (s)	0.11	0.08
S-T Segment Duration (s)	0.13	0.07
T Wave Duration (s)	0.16	0.11
Q-T Interval Duration (s)	0.4	0.26
T-P Segment Duration (s)	0.42	0.14
