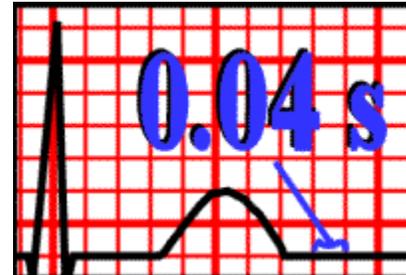


Telemetry: Measurements

Accurate measurement of an ECG is paramount for correctly analyzing and identifying the rhythm!!!



To the right are several pics of the complexes, segments and intervals associated with an ECG. Below are listed the normal values of these measurements or a description of their importance.

PR Interval: 0.12-0.20 seconds (longer may mean HB)

QRS Complex: <0.10 seconds (longer may mean Ventricular beat or a bundle branch block)

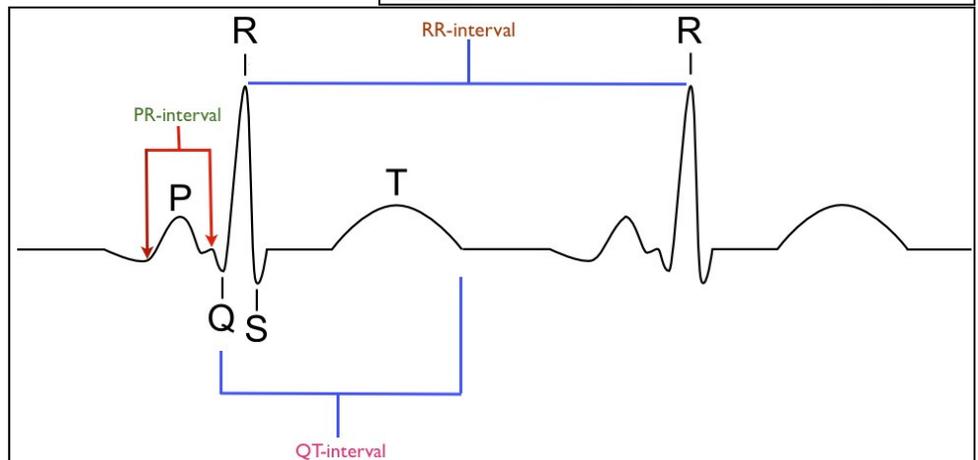
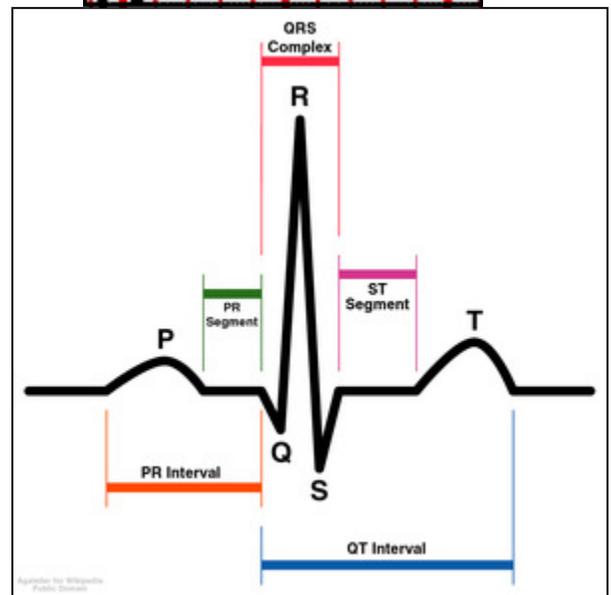
Segments:

PR Segment: Part of the PR interval; no definitive size, is activation of AV node and ventricular pathway.

ST Segment: If elevated by more than 1 box may indicate myocardial injury. If depressed by more than 0.5 of a box may indicate myocardial ischemia

R-to-R interval: Help to determine the rate and regularity of heart beats.

QT Interval: Denotes all of Ventricular activity. Should equal less than half of R-to-R. Any longer can be at risk for converting to Torsades.



Practice Strip!!!



PR Interval: **QRS Complex:** **PR Segment:** **ST Segment:** **R-to-R Interval:** **QT Interval:**