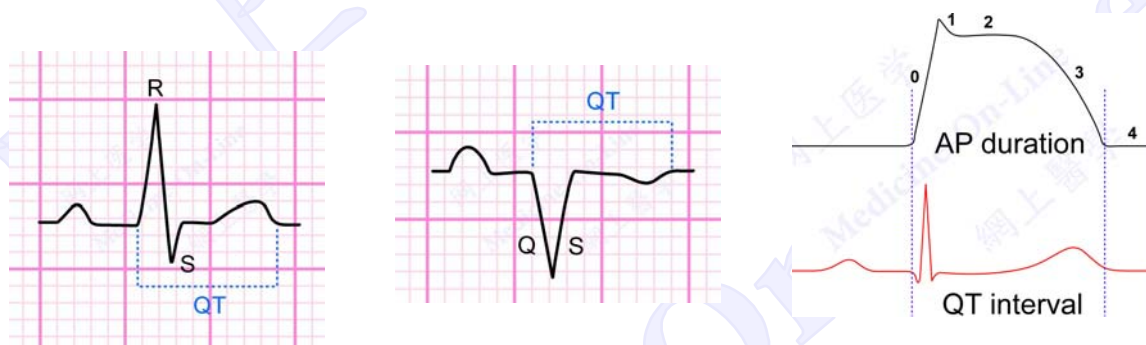


depolarization of the atria to the initial depolarization of the ventricles and reflects a physiological delay in AV conduction imposed by the AV node. Normal range is 120 – 200 ms (3 to 5 1-mm-divisions) and no longer.

The QT Interval

The QT interval is measured from the beginning of the QRS to the end of the T wave. It represents the time in which the ventricles depolarize and repolarize and is a measure of ventricular action potential (AP) duration. This interval should be



determined in the ECG lead where it is longest. Normal intervals are < 460 ms for women and < 450 ms for men. But QT values are heart-rate dependent and can vary from 270 ms at a heart rate of 150 beats/min to 500 ms at a heart rate of 40 beats/min. Corrected QT interval (QT_c), obtained by dividing the measured QT interval by the square root of the RR interval, can be used in place of raw QT interval. Normal QT_c is 440 ms or less.

