ECG COMPONENT	DURATION / HEIGHT	ABNORMALIT(IES)
P wave	<0.12 sec / 2.5-3 mm	1. P Pulmonale (peaked, higher, narrower): *Right atrial enlargement* 2. P Mitrale (notched, prolonged duration): *Left atrial enlargement*
PR interval	0.12–0.22 sec	1. Short PR interval: *Abnormally fast conduction from A to V* 2. Long PR interval: *First degree heart block*
QRS complex	0.06 - 0.1 sec / 0.5-2.0 mV sum must be 4 mV max	1. Increased QRS width: **Cardiac hypertrophy or dilatation* **Bundle branch block >.12 sec* 2. Low voltage: **Old myocardial infarctions* **Pericardial or pleural effusion* 3. High voltage: *Cardiac hypertrophy*
T wave	<5mm limb leads, <10mm chest leads	1. T wave inversion **Mild ischemia* ** Ventricular hypertrophy* **Bundle Branch Block* **Digoxin Toxicity* 2. Peaked & tall T waves: **Early stages of myocardial infarction* **Hyperkalemia* 3. Flattened T Wave: **Hyperkalemia* *ischemia
QT interval QT corrected = QT observed / sqrt RR interval	<0.43 sec	Prolonged QT interval: **Long QT syndrome* **hypokalemia* **hypocalemia* **hypothyroidism*
ST segment	Should be isolectric compared to TP segment	Depressed or raised ST: **ischemia* **myocardial infarction*