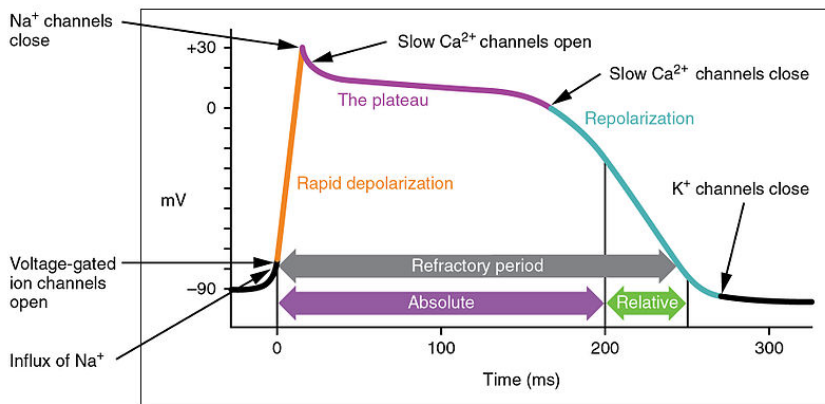


Basic ECG Analysis

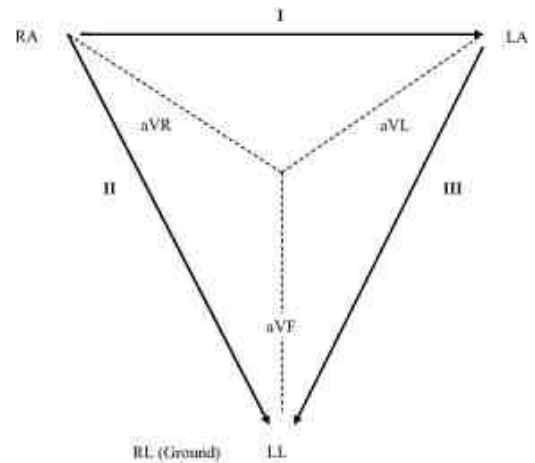
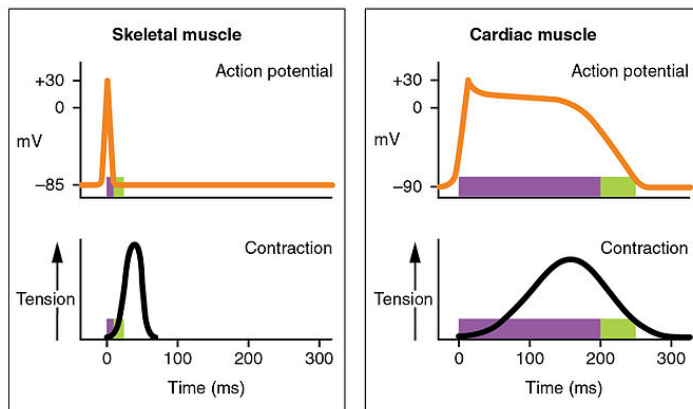
Rhythm	Originates	Rate	Regularity	P waves	QRS	P to QRS	PR Interval
Normal Sinus Rhythm	SA Node	60-100	Regular	Upright	Narrow <0.12 sec	1:1	.12sec to .20sec
Sinus Bradycardia	SA Node	<60	Regular	Upright	Narrow <0.12 sec	1:1	.12sec to .20sec
Sinus Tachycardia	SA Node	>100	Regular	Upright	Narrow <0.12 sec	1:1	.12sec to .20sec
Sinus Dysrhythmia	SA Node	60-100	Varies	Upright	Narrow <0.12 sec	1:1	.12sec to .20sec
Sinus Arrest	SA Node	Varies	Irregular	Upright	Narrow <0.12 sec	1:1	.12sec to .20sec
Sick Sinus Syndrome (Brady-Tachy)	SA Node	Varies	Varies	Upright	Narrow <0.12 sec	1:1	.12sec to .20sec
Wandering Atrial Pacemaker (Qualifier)	Atrial	<100	Regular	Varying Shape	Narrow <0.12 sec	1:1	.12sec to .20sec
Multi Focal Atrial Tach (Sinus Tach w/ WAP)	Atrial	>100	Regular	Varying Shape	Narrow <0.12 sec	1:1	.12sec to .20sec
Atrial Flutter	Atrial	Varies	Varies	Saw Tooth	Narrow <0.12 sec	Varies:1	Varies
Atrial Fibrillation	Atrial	Varies	Irregularly-Irregular	None/ Chaotic Baseline	Narrow <0.12 sec	Varies:1	None
Supraventricular Tachycardia (SVT)	Atrial or Junctional	>150	Regular (Unless RVR)	Can't See	Narrow <0.12 sec	1:1 or N/A	Unable to Measure
Junctional Escape	AV Junction	40-60	Regular	Inverted or absent	Narrow <0.12 sec	N/A	N/A
Accelerated Junctional	AV Junction	60-100	Regular	Inverted or Absent	Narrow <0.12 sec	N/A	N/A
Junctional Tachycardia	AV Junction	>100	Regular	Inverted or absent	Narrow <0.12 sec	N/A	N/A
Idioventricular	Ventricles	20-40	Regular	Absent	Wide >0.12sec	N/A	N/A
Accelerated Idioventricular	Ventricles	40-100	Regular	Absent	Wide >0.12sec	N/A	N/A
Ventricular Tachycardia	Ventricles	>100	Regular	Absent	Wide >0.12sec	N/A	N/A
Multifocal V-Tach (Torsade's de Pointes)	Ventricles	>100	Regular or Irregular	Absent	Wide Varying Amp	N/A	N/A
Ventricular Fibrillation	Ventricles	None	None	None	Chaotic Baseline	N/A	N/A
Asystole	None	None	None	None	None	N/A	N/A
Agonal	Varies	None	None	None	None	N/A	N/A

Basic ECG Analysis

Rhythm	Originates	Rate	Regularity	P waves	QRS	P to QRS	PR Interval
1st Degree AV Block (Qualifier)	SA Node	Varies	Regular	Upright	Narrow <0.12 sec	1:1	>.20sec
2nd Degree AV Block Type 1 (Wenckebach)	SA Node	Varies	Regular Irregular	Upright	Narrow Dropped	Varies	Increasing
2nd Degree AV Block Type 2 (Mobitz)	SA Node	Varies	Irregular	Upright	Narrow Dropped	Varies	Constant
3rd Degree AV Block (Complete AV Block)	Atria & Ventricles	Varies	R-R Regular P-P Regular P-R Disassociated	Upright	Narrow or Wide	Disassociated	Varies
Premature Atrial Complex (Qualifier)	SA Node	Varies	Irregular (Qualifier)	Upright	Narrow <0.12 sec	1:1	.12sec to .20sec
Premature Junctional Complex (Qualifier)	AV Junction	Varies	Irregular (Qualifier)	Inverted or absent	Narrow <0.12 sec	N/A	N/A
Premature Ventricular Complexes	Ventricles	Varies	Irregular (Qualifier)	None	Wide (Qualifier)	N/A	N/A
Graded by Focus & Frequency							



(a)



(b)

