

12 Lead ECG Interpretation Workshop

1. Describe the characteristics of a normal 12-lead ECG
 - a. ECG paper, waveforms, measurements, normal 12 lead ECG
 - b. Calculation of electrical axis
2. Discuss variation of the normal ECG
 - a. ECG in the pediatric/adolescent patient
 - b. ECG in the athletic heart
 - c. The three P's of ECG changes: pulmonary embolism, pericarditis, pre-excitation
3. Describe ECG abnormalities for ischemia, injury, & infarct
 - a. Location of ECG changes reflected by lead placement
 - b. STEMI
 - c. NSTEMI
4. Differentiate the characteristics of left versus right chamber enlargement
 - a. Atrial and ventricular hypertrophy
 - b. Left ventricular hypertrophy
 - c. Right ventricular hypertrophy
5. Differentiate the characteristics of bundle branch blocks and hemi-blocks.
 - a. Left bundle branch block
 - b. Right bundle branch block
 - c. Left atrial hypertrophy