



## **Rapid Interpretation of Arrhythmias and ST Segment**

### **Abstract:**

This one day interactive workshop is designed to improve knowledge of ECG interpretation skills. This workshop sets up the basic skills needed for arrhythmia and ST segment interpretation by using a step-wise approach, allowing clinician to master patient specific ECG correlation.

### **Target Audience:**

This workshop offers equal learning opportunities to physicians, medical students, nurses, and EMTs. This workshop will be helpful for the physicians preparing for both undergraduate and postgraduate examinations like MRCP, MCEM, Arab Board, PLAB, MD, FCPS, etc and will be very beneficial to those preparing for ACLS and PALS courses.

### **Workshop Learning Outcomes:**



**At the end of the course, the participants will be able to understand the following core skills of ECG interpretation:**

- Rhythm Analysis
- Diagnosing Myocardial Infarction
- All that elevated in not MI
- ST depression – Beyond Ischemia

**During the workshop, the participants will practice the following interactive exercises and skill stations:**

- Calculating the Heart Rate
- Quick Rhythm Analysis
- Ischemia vs Infarction
- Cardioversion vs. Defibrillation



Time	Topics
8:00 – 8:30	<b>Registration &amp; Introduction</b>
8:30 – 11:30	<b>Part 1: Quick Rhythm Analysis</b> <ul style="list-style-type: none"><li>• Determining the Rate<ul style="list-style-type: none"><li>- Quick Rhythm Analysis</li><li>- Sinus rhythms</li><li>- Arrhythmias</li></ul></li></ul>  <b>COFFEE BREAK</b> <ul style="list-style-type: none"><li>- AV blocks</li></ul> <ul style="list-style-type: none"><li>• Exercise: Quick Rhythm Analysis</li><li>• Cardioversion vs Defibrillation</li></ul>
11:30 – 14:30	<b>Part 2: ST Segment Interpretation</b> <ul style="list-style-type: none"><li>• ST Elevation</li></ul>  <b>LUNCH BREAK</b> <ul style="list-style-type: none"><li>• All that elevated is not myocardial infarction</li><li>• ST depression</li><li>• Exercise: Ischemia vs. Infarction</li></ul>
14:30 – 15:00	<b>Evaluation &amp; Certificates Distribution</b>