



## Interpreting Critical Rhythms and 12-Leads

### Course Description

Rapid and accurate interpretation of rhythms and 12-Leads during cardiac emergencies ensures optimal interventions, resulting in improved patient outcomes. This 1-day program will provide a concise and systematic approach to the interpretation of the ECG that includes instruction as to which leads are best suited to reveal important interpretive clues, along with descriptions of the subtle and not-so-subtle morphologic clues seen in potentially life-threatening conditions. Several electrocardiographic tracings and scenarios are presented throughout the day that will provide opportunities for interaction and practice.

### Program Learning Outcomes

*This program prepares the learner to:*

- Outline a systematic approach to the analysis and interpretation of rhythms and 12-Leads.
- Correlate lead selections with specific electrocardiographic abnormalities.
- Accurately interpret selected ECG rhythms and 12-Leads.

### Agenda

*Sign-in begins at 7:30 am.* Each day includes a one-hour lunch (on your own), as well as a morning and afternoon break of 15 minutes each. The order of lectures presented and break times may vary according to speaker preference.

#### 8:00 am to 4:30 pm

##### **The Normal 12-Lead**

Review of Electrophysiology | What's Normal? | A Systematic Approach to Reading the 12-Lead

##### **Rapid Calculations of Electrical Axis**

What Does the Axis Tell Us? | Rapid Calculation | How Axis Can Help in Emergencies

##### **Acute Coronary Syndromes**

Ischemia | Injury | Necrosis | Localizing Areas of Infarction

##### **Bundle Branch Blocks: Right vs. Left**

##### **Wide-Complex Tachycardias**

A Systematic Approach | Best Leads for Identification | VT vs. SVT | Antidromic Tachycardia

##### **Interpretation Practice and Q&A**

##### **Dangerous Bradycardias**

Sick Sinus Syndrome | Second- and Third-Degree AV Block

##### **Electrolytes at Panic Levels**

##### **Supraventricular Tachycardias: When to Worry!**

Atrial Fibrillation | Atrial Flutter | AV Nodal Re-Entry

##### **Putting it All Together: Testing Your Interpretive Skills**

# Accreditation

**RN/LPN/LVN/Other: 7 Contact Hours**

**CRNA: 7 Class A CE Credit Hours**

**RT: 7 Category 1 CRCE Hours**

MED-ED, Inc is accredited as a provider of nursing continuing professional development by the American Nurses Credentialing Center's Commission on Accreditation.

MED-ED is approved by the American Association for Respiratory Care (**AARC**) and the American Association of Nurse Anesthetists (**AANA**).

MED-ED, Inc. is an approved provider by the following State Boards of Nursing: **Florida**/FBN 50-1286, **Iowa**/296, **California** #CEP10453.

If your profession is not listed, we suggest contacting your board to determine your continuing education requirements and ask about reciprocal approval. Many boards will approve this seminar based on the accreditation of the boards listed here.

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