

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.

Key Learning Outcome

- After completing the program, 80% of participants will report an increase in knowledge that will positively impact their practice.

Program Objectives

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

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

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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