Rapid Assessment of Rhythms and 12-Leads

Course Description
This interactive two-day seminar will provide the attendee with a solid foundation necessary to bring his or her ECG interpretive skills to the next level. Detailed electrophysiological principles are emphasized to provide the learner with the foundations necessary to view rhythms and 12-leads with a critical eye. Patient cases are used in conjunction with lectures and opportunities for practicing interpreting skills are provided throughout the course. Each lecture is presented in an easy-to-understand format, along with a systematic method for interpretation. These combined instructional methods are used to facilitate the development of exceptional interpretive and critical thinking skills that every healthcare provider will take back to the bedside.

Program Learning Outcomes
This program prepares the learner to:
- Apply a systematic approach to rhythm strips and 12-Leads.
- Recognize common pitfalls and misconceptions that interfere with accurate interpretation.
- Identify life-threatening abnormalities early in the game.
- Confidently present findings to peers and physicians.

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.

Day 1, 8:00 am to 4:00 pm

0800 Fundamentals of Rhythm Analysis
Action Potential Revisited | Waveforms, Rates and Intervals: Don’t Forget the QT! | Developing a Systematic Method for Interpretation | Which Lead to Select for Monitoring

0945 Break

1000 Sinus Node Disorders
Sinus Arrest vs. Block | Tachy-Brady Syndrome and Management

1045 Atrial Abnormalities: Mechanisms and Management
Mechanisms: Enhanced Automaticity vs. Re-Entry | Tach, Flutter, Fib

1145 Lunch

1245 AV Junctional Rhythms and Blocks: Some Are Friends in Need
Tachycardias and Escape Rhythms | AV Nodal Blocks: When to Watch and When to Pace

1345 Lunch

1320 Ventricular Mischief
PVCs: When to Worry | Tachycardia | Brugada Syndrome

1445 Break

1500 Putting it All Together with Practice Strips

1600 Adjourn
Agenda

Day 2, 8:00 am to 4:00 pm

0800  **The 12-Lead: What’s Normal?**
A Step-by-Step Approach | Principle of a Lead System | Proper Procedure for Recording the 12-Lead

0845  **Electrical Axis: Why and How to Calculate**
Why is it Important? Causes of Axis Deviation | Steps to Determine Degrees

1000  **Ischemia/Infarction and Mimicry**
ECG Criteria | Signs of Early Ischemia | Localizing Areas of Infarction | Wellens’ Syndrome | ‘Broken Heart’ Syndrome | The ‘Pretenders’

1115  **Bundle Branch and Fascicular Blocks: When to Worry!**
Optimum Leads for Identification | ECG Criteria for Right and Left BBB | Intermittent Bundle Branch Blocks

1200  Lunch

1300  **FLBs vs. PVSs | VT vs. SVT**
Which Leads are the Best? | Morphological Clues | How Axis Can Help | Many More Clues

1415  Break

1430  **Miscellaneous Mayhem**
Electrolyte Disturbances | Digitalis Effect | Pericarditis | Wolff-Parkinson-White Syndrome

1530  **Putting it All Together**

1600  Adjourn

Accreditation

RN/LPN/LVN/Other: 13 Contact Hours
RT: 13 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).

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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