

# Critical Skills for Bedside Monitoring: Don't Wait for the 12-Lead



## Course Description

This course teaches critical 12-Lead ECG skills, but the real value is that nurses can make a real difference in the care of their patients when they understand how to use the bedside monitor as an extension of the ECG. 12-Lead ECG concepts learned in this course can be applied to skilled monitoring at the bedside, allowing nurses to see changes in real time and alerting providers to issues requiring intervention.

## Program Learning Outcomes

*This program prepares the learner to:*

- Determine the origin of a wide QRS rhythm on a 12-Lead or bedside monitor by understanding and analyzing the QRS morphology and knowing the correct leads for monitoring.
- Detect issues with coronary blood flow early in real time by analyzing the 12-Lead and the ST segment, setting alarms appropriately and knowing the correct leads for monitoring.
- Detect changes in the QT interval by using the correct technique for measurements on a 12-Lead ECG or bedside monitor and alerting providers.
- Accurately interpret rhythm changes or ischemia and injury issues on 12-Lead ECG case studies and rhythm strips.

## Agenda

*Sign-in begins at 7:30 am.* The 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 5:00 pm

**Historical Development of the ECG**

**ECG Intervals and Waveforms | Laws of Electrocardiography**

**The Normal 12-Lead**

**Bundle Branch Block**

**Ectopy vs. Aberrancy**

**Lunch 11:30 am to 12:30 pm**

**QT-Interval Analysis**

**Ischemia, Injury or Infarction | Acute Coronary Syndrome**

**Criteria for Wellens' Changes**

**Interpreting Rhythm Strips and 12-Leads**

## Accreditation

**RN/LPN/LVN/Other: 7.5 Contact Hours**

**CRNA: 7.5 Class A CE Credit Hours**

***Includes 0.5 Pharmacology Contact Hour***

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, 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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