

FACULTY

Aina Aliperti, RN, MS, CCRN
St. Charles Medical Center - Bend
Critical Care Services



February 17 & 18, 2009
St. Charles - Bend
or
September 24 & 25, 2009
St. Charles - Redmond

0900 - 1400



St. Charles Clinical Education Department
2500 NE Neff Road
Bend, OR 97701

Basic EKG Course

DESCRIPTION

This course is designed to provide participants with basic principles for analysis of cardiac rhythm strips and dysrhythmias. The focus of the course is 3 lead EKG strips and telemetry monitoring, with emphasis on the life-threatening dysrhythmias.

The course is intended for RN's, LPN's, CNA's, monitor technicians, and EMT's. Prior EKG experience is not required.

OBJECTIVES

At the completion of this class, the participant will be able to:

- ◇ Identify and describe normal heart conduction.
- ◇ Identify components of a normal EKG tracing.
- ◇ Explain electrical and mechanical events of the cardiac cycle.
- ◇ Identify inherent rates of various intrinsic cardiac pacemakers.
- ◇ Identify 3 causes for artifact on EKG tracings.
- ◇ Calculate heart rate from a 6 second EKG strip.
- ◇ Measure common intervals from an EKG tracing and identify normal measurements.
- ◇ Recognize terminology associated with EKG's and dysrhythmias.
- ◇ Calculate the rate, presence of p waves, measurement of PR interval, measurement of QRS complex, regularity of the rhythm, and name of the rhythm.
- ◇ Recognize common dysrhythmias or pacemaker rhythms from 6 second strips.

Successful completion of the course requires completion of all EKG worksheets and a score of 75% on the post-test.

CANCELLATION POLICY: If you are unable to attend, please notify St. Charles Clinical Education Department at 541-706-4716. Cancellations received before 14 days prior to class date will be eligible for full refund. Cancellations received between 14 days and 7 days prior to class dates will be eligible for a refund less a \$20.00 processing fee. Cancellations received within 7 days of the class dates, no refunds given. No show will be considered cancellation without notice. Full refund if class is cancelled by St. Charles.

Cascade Healthcare Community encourages persons with disabilities to participate in its programs and activities. If you anticipate needing any type of accommodation or have questions about the physical access provided, please contact Boo Hage at 541-706-2908, or bahage@cascadehealthcare.org, in advance of your participation or visit.

SCHEDULE

Day 1

- ◇ Electrocardiograph conduction
- ◇ EKG components, paper, heart rate calculation
- ◇ EKG strip measurement and practice
- ◇ What is normal sinus rhythm?
- ◇ What is telemetry?
- ◇ Sinus dysrhythmias
- ◇ Atrial dysrhythmias
- ◇ Heart block, first, second, third

Day 2

- ◇ Review rhythms
- ◇ Junctional dysrhythmias
- ◇ Ventricular dysrhythmias
- ◇ Test on EKG strips, knowledge

Participants will have in-class exercises as well as take home exercises.

Course supplies: Calipers and handouts will be provided on the first day of class.

While it is not required, the Course Instructor recommends that participants purchase "Introduction to Basic Cardiac Dysrhythmias" by Sandra Atwood, Cheryl Stanton, and Jenny Storey, Published by Mosby lifeline ISBN 0-8151-0123-6. Copies of the text are available in the library at St. Charles Medical Center - Bend, (541-382-4321 ext. 7280) or may be purchased on-line at www.barnesandnoble.com and www.amazon.com.

REGISTRATION

Basic EKG Course – 2009

Name (F) _____ (MI) _____ (L) _____

Last 4 digits of Social Security # _____ (or)

CHC Caregiver # _____

Phone (H) _____ (W) _____

Firm _____

Address _____

City _____ State _____ Zip _____

Dept _____

Email address _____

Please provide the mailing address you would like your handouts sent.

Mailing Address _____

City _____ State _____ Zip _____

Please check the date you wish to attend:

February 17 & 18, 2009

September 24 & 25, 2009

Fee(s): \$135

Please identify payment method: Check

Visa MC Discover AMEX

EV or PNCC (CHC only)

Card #: _____ Exp Date: _____

Signature: _____

Please make checks payable to:
St. Charles Clinical Education

Detach and mail or fax registration to:
St. Charles Clinical Education Department
2500 NE Neff Rd., Bend, OR 97701
Fax: 541-706-6322