

2008 Course Registration

Basic Cardiac Rhythm Interpretation and Introduction

Name _____

Address _____

City _____

State _____ Zip _____

Phone: Business _____ / _____ - _____

Home _____ / _____ - _____

License/Certification # _____

Occupation/Specialty _____

Email address _____

Date of Birth ____ / ____ / ____

Last 4 digits of Social Security No. _____

What session do you request?

- January 22, 23, 28 & 30
- January 22 (TUES) ONLY
- January 23 (Wed) ONLY
- January 28 (Mon) ONLY
- January 30 (Wed) ONLY
- August 18, 20, 25, & 27
- August 18 (Mon) ONLY
- August 20 (Wed) ONLY
- August 25 (Mon) ONLY
- August 27 (Wed) ONLY

Tuition:

- \$70 UI Hospitals and Clinics employees
- \$75 Others
- \$25 UI Hospitals and Clinics/Others per evening

Method of Payment:

- Check or money order enclosed
- Credit
- VISA
- Debit
- MasterCard



Card No. _____

Three-digit code on back _____

Exp. Date ____ / ____

Cardholder's name _____

Cardholder's signature _____

RETURN WITH FEE TO: EMS Learning Resources Center, 200 Hawkins Drive, 6-South, GH, University of Iowa Hospitals and Clinics, Iowa City, Iowa 52242, phone 319/356-2597, FAX 319/353-7508.

Intended Audience

This program is designed for health care professionals as preparation for Advanced Cardiac Life Support and others interested in a basic knowledge of cardiac rhythms and introduction to 12-Lead Interpretation.

Accreditation

This course is held in cooperation with the University of Iowa Hospitals and Clinics Department of Nursing, an Iowa Board of Nursing approved provider, Number 34. Full time attendance to this program will award 1.26 CEUs (or 1.26 contact hours) for the four sessions or 0.3 CEUs (3 contact hours) for individual session attendance. Full time attendance will also award 12 CEHs for the four sessions or 3.0 for individual sessions attendance for Iowa EMS providers.

Faculty

Mike Hartley, PS
EMS Instructor
EMS Research Coordinator
Emergency Medical Services
Learning Resources Center

The University of Iowa prohibits discrimination in employment, educational programs, and activities on the basis of race, national origin, color, creed, religion, sex, age, disability, veteran status, sexual orientation, gender identity, or associational preference. The University also affirms its commitment to providing equal opportunities and equal access to University facilities. For additional information contact the Office of Equal Opportunity and Diversity, (319) 335-0705.

Individuals with disabilities are encouraged to attend all University of Iowa sponsored events. If you are a person with a disability who requires an accommodation in order to participate in this program, please contact the EMSLRC in advance at (319) 356-2597.

2008 Information for

Basic Cardiac Rhythm Interpretation and Introduction to 12-Lead Courses

EMS Learning Resources Center

Purpose

This program is designed to give health care professionals the basic knowledge needed for cardiac rhythm interpretation.

Objectives

Upon completion of this program, health care professionals should be able to:

- identify the anatomical structure and conducting elements of the heart.
- identify the following components of the electrocardiogram and relate them to the anatomy and conducting system of the heart: P wave, QRS complex, T wave, P:R interval, QRS duration.
- identify correct placement of electrodes in at least two leads for recording an electrocardiogram.
- identify the following supraventricular rhythms as reflected on the electrocardiogram: normal sinus rhythm, supraventricular bradycardia, supraventricular tachycardia, atrial fibrillation, atrial flutter.
- identify the following heart blocks as reflected on the electrocardiogram: 1st degree A-V block, 2nd degree A-V block, types I and II, and 3rd degree A-V block.
- identify the following ventricular rhythms as reflected on the electrocardiogram: ventricular tachycardia, ventricular fibrillation, ventricular standstill, premature ventricular contractions and electromechanical disassociation (EMD).
- identify the standard 12-Lead EKG.
- identify the differences between the limb leads and the "V" leads.
- identify patterns of ischemia, injury, and infarction evident from the ECG tracing.

Basic Cardiac Rhythm Interpretation and Introduction to 12-Lead Courses

EMS Learning Resources Center

Tuesday—Jan 22; Monday—Aug 18

6 pm	Registration/Introduction
6:15	Anatomical structure of heart Conduction system of heart Relationship of wave forms to conduction system Placement of EKG leads
7:30	Break
7:45	Normal sinus rhythm Sinus bradycardia Sinus tachycardia Supraventricular tachycardia Atrial fibrillation Atrial flutter Wandering atrial pacemaker
9 pm	Homework assignment/Recess

Wednesday—Jan 23; Wednesday—Aug 20

6 pm	Review atrial rhythms Junctional rhythms Algorithm for analysis of blocks 1st degree block
7:30	Break
7:45	2nd degree block--Type I and Type II 3rd degree block Bundle branch blocks
9 pm	Homework assignment/Recess

Monday—Jan 28; Monday—Aug 25

6 pm	Review of blocks Premature ventricular contractions Ventricular tachycardia
7:30	Break
7:45	Ventricular fibrillation Ventricular standstill Pulseless electrical activity Pacemakers
8:45	Summary and Evaluation
9 pm	Adjourn

Wednesday—Jan 30; Wednesday—Aug 27

6 pm	Overview of 12 Lead EKG
7 pm	Identifying myocardial infarction patterns
7:30	Break
7:45	Myocardial infarction patterns cont'd
8:15	Imposters of myocardial infarctions
9 pm	Adjourn

Tuition

FEES: \$70 - UIHC employees; \$75 - Others; \$25 per evening - UIHC/Others. The registration fees cover the cost of record keeping expenses, program materials, faculty expenses and continuing education recording.

Space is limited and available FIRST COME, FIRST SERVED. We encourage early registration so we can provide the best service to our participants.

To enroll, complete the course enrollment form and mail with a check payable to the EMSLRC or FAX with credit card information. Course materials will be mailed once the enrollment form and payment have been received.

WE CANNOT ACCEPT PHONE REGISTRATIONS.

Registration Deadline

All registrations must be postmarked or FAXED no later than six (6) business days before the first day of class.

Refund Information

You will receive a refund of all but \$10 of your registration fee if registration is canceled. You must notify the EMSLRC, at (319) 356-2597, two business days before the course to receive any refund. The EMSLRC reserves the right to substitute qualified faculty if necessary. The EMSLRC also reserves the right to cancel the program due to insufficient enrollment—the minimum for this course is nine (9) registrants. In this event, you will be notified and your entire registration fee refunded.

Registrations may be transferred to the next scheduled (same) course ONLY. Transfers accepted if requested 48 hours prior to the beginning of the course.