

**Critical Care Ed
206 South Sixth Street
Springfield, IL 62701**

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SPRINGFIELD, IL
PERMIT NO. 800

Critical Care Ed Programs

*May 6 & 7, 2008:
12 Lead EKG & Stress Testing
Bloomington, IL*

Speakers: Linda Moulton, RN MS and Charlie
Jiardina, RN

*June 3, 2008: 12 Lead EKG
Bloomington, IL*

Speaker: Linda Moulton, RN MS

*June 4, 2008:
Heart Failure and Resynchroization
Bloomington, IL*

Speaker: Marilyn Prason, RN, PhD, CNS

*June 5, 2008: Advanced Arrhythmia Course
Bloomington, IL*

Speaker: Linda Moulton, RN MS

*July 8 & 22, 2008:
Basic Arrhythmia Course
Springfield, IL*

Speaker: Linda Moulton, RN MS



2008 Faculty

Linda Moulton, RN MS is a cardiovascular researcher and educator, and owner of Critical Care Ed and C.C.E. Consulting, Springfield, IL. Her professional roles have included manager, educator, clinical specialist, consultant, researcher and medical writer. She has taught across the U.S., for NASPE and for industry. She manages the www.orderanddisorder.com and www.cceconsulting.net web sites.

Marilyn Prasun RN PhD CNS is a cardiovascular researcher, educator and clinical specialist. She is a heart failure specialist with Memorial Medical Center, Springfield, IL, and teaches in the Nursing School at Millikin University, Decatur, IL.

Charlie Jiardina RN has worked in critical care as a staff nurse and charge nurse. He served in the Army Nurse Corps and he has worked as a nurse in three cardiology practices. He has 6 years experience as a treadmill nurse and is currently working as a treadmill nurse for Springfield Clinic, Springfield, IL.

**12 LEAD EKG AND TREADMILL TESTING
A COURSE FOR NURSING STAFF ASSISTING
WITH TREADMILL TESTING**

May 6 & 7, 2008: Holiday Inn Airport, Bloomington, IL

Course Description: The intended audience for this course is nursing staff who assist with treadmill testing. This course is designed to solidify knowledge about the 12 lead EKG and review the multifaceted aspects of exercise testing.

Course Objectives: 1. Provide an overview of aspects of 12 lead EKG interpretation. 2. Discuss physiologic responses to exercise. 3. Discuss stress testing protocols. 4. Discuss the use of stress testing in special populations.

Speakers: Linda Moulton, RN MS and Charlie Jiardina, RN

Participant Objectives: Upon completion of the program the learner will be able to:
1. Determine the mean QRS axis from a 12 lead EKG. 2. Identify EKG changes after MI. 3. Differentiate right and left bundle branch blocks. 4. Discuss the physiologic responses to exercise. 5. Describe stress testing protocols. 6. Identify issues related to testing special populations.

AGENDA:

Day 1

8:30	Registration
9:00	Normal 12 Lead, Axis Deviations
10:45	Break
11:00	Chamber Enlargements
12:45	Lunch
1:30	Myocardial Infarctions,
3:00	Break
3:15	Bundle Branch Blocks and Hemiblocks; Complex 12 Leads
4:30	Conclusion

Day 2

9:00	12 Lead Exercises
10:30	Break
10:45	Complex 12 Leads
12:00	Lunch
12:45	Cardiopulmonary and Pulmonary Responses to Exercise, Testing Preparations and Precautions,; Testing Indications and Contraindications,
2:15	Break
2:45	Stress Testing Protocols and Selection of Protocols, Stress ECHO, Nuclear Stress Tests, Pharmacologic Stress Testing, Special Populations
4:00	Conclusion and Evaluation

Continental breakfast, AM break, lunch and PM break provided

Cost \$260

****Please dress in layers for our programs. Conference room temperatures may fluctuate.**

12-LEAD ELECTROCARDIOGRAPHY

June 3, 2008

Holiday Inn Airport – Bloomington, IL

Course Description: The intended audience for this course is hospital staff responsible for EKG interpretation. This course provides an overview of the basics.

Course Objectives: 1. Provide a firm knowledge of components of the normal 12 Lead EKG; 2. Introduce basic components of 12 lead EKG used to assess pathology.

Speaker: Linda Moulton, RN MS

Participant Objectives: Upon completion of the program the learner will be able to:

1. Identify normal coronary artery circulation and cardiac conduction system.
2. Identify the 12 standard electrocardiogram leads.
3. Determine the mean QRS axis from a 12 lead EKG.
4. Determine hypertrophies from a 12 lead EKG.
5. Identify EKG changes after myocardial infarction.
6. Identify the location of a myocardial infarction from a 12 lead EKG.
7. Differentiate between right and left bundle branch blocks.

AGENDA

8:00	Registration
8:30	Anatomy and Physiology, Normal 12 Lead
10:00	Break
10:15	Axis Deviations, Chamber Enlargements
12:00	Lunch
12:45	Myocardial Infarction
2:15	Break
2:30	Bundle Branch Blocks and Hemiblocks
4:00	Conclusion and Evaluation

The program has been approved by the American Association of Critical Care Nurses (AACN) Provider #14076 (Critical Care Ed) and the California Board of Nursing, Provider #12206. AACN: 6.5 Contact Hours; California Board of Nursing: 7.8 Contact Hours, 0.78 CEUs.

Tuition Fee: \$110. Tuition includes program syllabus, continental breakfast, breaks, lunch and Certificate of Attendance. There are no group discounts.

****Please dress in layers for our programs. Conference room temperatures may fluctuate.**

Registration Form:

To register you may fax this form to 217-544-3361; Phone 217-544-3306; mail to: Critical Care ED, 206 S. 6th Street, Springfield, IL 62701. If paying by check, make the check payable to "Critical Care Ed". Or you can charge your registration fee to Mastercard, Visa or American Express by filling in the credit card information below or you may pay online by going to [www.orderanddisorder.com>cardiology education](http://www.orderanddisorder.com>cardiology%20education).

Name _____

Position/Title _____

License # _____ SSN _____

Institution _____

City/State/Zip _____

Home Address _____

City/State/Zip _____

Phone (H) _____ (W) _____

E-mail _____

(Circle) Master Card Visa American Express Check

Amount \$ _____

Card #: _____

Expiration Date: _____

Signature: _____

____	12 Lead EKG and Stress Testing	May 6 & 7	\$260.00
____	12 Lead EKG	June 3	\$110.00
____	Heart Failure and Resynchronization	June 4	\$110.00
____	Advanced Arrhythmia Course	June 5	\$110.00
____	Basic Arrhythmia Course	July 8 & 22	\$170.00

Hotel Information

The Holiday Inn Bloomington Airport is located at 3202 East Empire Street, Bloomington, Illinois 61704. Phone: 309-662-4700.

An airport shuttle service is available.

Guest rooms are available at reduced rates for the evenings prior to each course. Ask the hotel for the group rate for CCE Consulting. The reduced rate cut-off is 3 weeks prior to the conference dates.

The Bloomington Airport (Central Illinois Regional Airport is served by Air Tran, American, Delta, Northwest, and United Airlines.

Cancellations: Cancellations may be faxed in writing. Cancellations received 7 days before the course will receive a full refund. Cancellations received after this time will be assessed a \$20.00 processing fee. No refunds are given for "no shows" or cancellations received after the conference begins. A \$20.00 fee is charged on any returned check. Your check must be received within ten days if you register by phone or fax or your registration may be cancelled.

Consulting Services

C.C.E. Consulting (a division of Critical Care Ed) is a network of professionals experienced in health care services support. The mission of C.C.E. Consulting is to provide high quality education, research and support services to the health care community. Services provided include:

Education:

Continuing education courses for nurses.
Development of patient education materials and classes and patient ed presentations.
Hospital education consultations
Education needs assessments, plans, and program development
Development of educational materials for web sites
Development of materials for medical presentations

Medical/Technical Writing

Training Manuals/Materials
Product white papers/tech notes
Manuscripts for publication
Editing Services

Research:

Research Consultations
Please call or e-mail us to set up an appointment or to discuss your practice or organization needs.

**C.C.E. Consulting, 206 S. 6th Street, Springfield, IL 62701.
Phone: 217-544-3306
Fax: 217-544-3361. E-mail: Lmoulton@cceconsulting.net**

HEART FAILURE AND RESYNCHRONIZATION

June 4, 2008

Holiday Inn Airport—Bloomington, IL

Course Description: The intended audience for this course is mid-level providers and nursing staff involved in the care of heart failure patients. This course reviews current concepts in heart failure management.

Course Objectives: 1. Provide an overview of the pathophysiology of heart failure. 2. Discuss current heart failure treatment modalities. 3. Review device interrogation technologies.

Speaker: Marilyn Prasun, RN Ph.D. CNS

Participant Objectives: Upon completion of the program the learner will be able to:
1. Discuss the etiology and pathophysiology of heart failure. 2. List current medication used for heart failure. 3. State steps in CRT interrogation and analysis of these findings.

AGENDA

8:00 Registration
8:30 Overview of Program/Introduction
8:45 Etiology and Pathophysiology of Heart Failure
9:45 Assessment Modalities
10:30 Break
10:45 Pharmacologic Management
11:45 Non-Pharmacologic Management
12:15 Lunch
1:00 Arrhythmias and Device Therapy in Heart Failure
1:45 Break
2:00 Break Out Sessions
 A) AV Optimization B) Interrogation Techniques
3:15 Pulling it all Together
3:45 What the Future Holds
4:00 Evaluations

This program has been approved by the American Association of Critical Care Nurses (AACN) Provider #14076 (Critical Care Ed) and the California Board of Nursing, Provider #12206. AACN: 6 Contact Hours; California Board of Nursing: 7.2 Contact Hours; 0.72 CEUs.

Tuition Fee: \$110. Tuition Includes program syllabus, continental breakfast, breaks, lunch and certificate of attendance.

Continental Breakfast, AM Break, Lunch and PM Break provided.

ADVANCED ARRHYTHMIA COURSE

June 5, 2008

Holiday Inn Airport—Bloomington, IL

Course Description: The intended audience for this course is health care staff who have completed a prior cardiac arrhythmia course. This course reviews new developments in arrhythmia diagnosis and treatment, and approaches more complex arrhythmia diagnoses.

Course Objectives: 1. Provide a thorough overview of cardiac arrhythmias. 2. Acquaint the learner with conditions that are associated with sudden cardiac death. 3. Present differential features for wide and narrow QRS tachycardia.

Speaker: Linda Moulton, RN MS

Participant Objectives: Upon completion of the program the learner will be able to:

1. Define 2 mechanisms of arrhythmias
2. State current treatments for supraventricular and ventricular tachycardias
3. Analyze ventricular and supraventricular rhythm strips
4. Discuss disorders considered high risk for sudden cardiac death.

AGENDA

8:00	Registration
8:30	Arrhythmogenesis
9:00	Bradycardias: Sinus node dysfunction and AV conduction disturbances
9:30	Supraventricular Tachycardias: Atrial fibrillation
10:30	Break
10:45	SVT's (continued) Inappropriate sinus tachycardia, Atrial tachycardia, Multifocal atrial tachycardia, AVNRT, WPW
12:30	Lunch
1:15	Ventricular Arrhythmias: Benign ventricular ectopy, NSVT, AIVR, Sustained monomorphic VT, Polymorphic VT, Ventricular fibrillation, Intractable VT
2:45	Break
3:00	High Risk Disorders: Ischemic heart disease, Cardiomyopathies, Arrhythmopathies
4:30	Conclusion and Evaluation

This program has been approved by the American Association of Critical Care Nurses (AACN) Provider #14076 (Critical Care Ed) and the California Board of Nursing, Provider #12206. AACN: 6.5 Contact Hours; California Board of Nursing: 81 Contact Hours, 0.81 CEUs.

Tuition Fee: \$110. Tuition includes program syllabus, continental breakfast, breaks, lunch and Certificate of Attendance. There are no group discounts.

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BASIC ARRHYTHMIA COURSE

July 8 & 22, 2008

Critical Care Ed Boardroom
Springfield, IL

Critical Care Ed Boardroom is located at 206 South Sixth Street, Springfield, IL. Parking is available under the Old State Capitol or at the parking ramp located at 6th and Capital Streets. Our office is the doorway by Andiamo's Coffee house and Bakery on the east side of Sixth Street before Adams. Phone: 217-544-3306. Closest hotels are Springfield Hilton (217-789-1530), and Abraham Lincoln Conference Center & Hotel (217-544-8800)

Course Description: A two day review of basic anatomy, physiology, and electrophysiological principles, rhythm interpretation, categories of rhythms.

Course Objectives: 1. Provide learner with an overview of types of cardiac arrhythmias. 2. Reinforce an organized method of rhythm analysis.

Speaker: Linda Moulton, RN MS

Participant Objectives: Upon completion of the program the learner will be able to: 1. State the 5 steps in rhythm analysis. 2. State major components of the conduction system. 3. Summarize the major arrhythmias caused by each portion of the conduction system.

Day 1: July 8

8:30	Registration
9:00	Anatomy and physiology of heart and conduction, Basic electrophysiologic principles, Basics of rhythm interpretation
12:00	Lunch
12:45	Sinus rhythm abnormalities; Supraventricular rhythm abnormalities
3:30	Conclusion

Day 2: July 22

8:30	Homework Review
9:30	Supraventricular rhythms (cont.), Ventricular rhythms
12:00	Lunch
12:45	Conduction abnormalities and review
3:00	Self evaluation
4:00	Conclusion and course evaluation

Continental Breakfast, AM Break, Lunch and PM Break provided

Cost: \$170.00

This program has been approved by the American Association of Critical Care Nurses (AACN) Provider #14076 (Critical Care ED) and the California Board of Nursing, Provider #12206. AACN: 13 Contact Hours; California Board of Nursing 15.6 Contact Hours, 1.56 CEUs.

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