Funding for this training was made possible in part by a grant from St. Jude Medical.

Cost & Registration

Cost $250 per person
Includes books, continental breakfast and lunch

You may register by calling MidMichigan Health Line toll-free at (800) 999-3199. A Visa, MasterCard or Discover credit or debit payment will be required at the time of your registration. Please have your credit card number, expiration date and 3-digit security code available.

A block of rooms has been reserved for this meeting at a cost of $84.99 per night, plus taxes. Reservations can be made by contacting the hotel at (989) 496-2700. Be sure to mention that you are attending this training to receive the discounted rate.

October 24 & 25, 2014
Valley Plaza Resort and Conference Center
5221 Bay City Road
Midland, MI 48642
Course Description and Intended Audience
This two-day course covers electrophysiologic principles, a review of basic arrhythmias, 12-Lead EKG principles, indications for electrophysiologic testing and the basic steps of an EP study and syncope. The intended audience for this course is staff who have worked in electrophysiology labs or industry for less than one year or those who want a solid review or foundation in basic electrophysiology. This includes nurses, radiographers and cardiovascular technicians. This course truly provides an opportunity for the participant to resolve uncertainties and unanswered questions.

Conference Objectives
Upon completion of this program the learner will be able to…
1. Recall fundamentals of basic electrophysiology, including cellular physiology, anatomy and physiology of the conduction system and mechanisms of arrhythmias.
2. Calculate axis and identify bundle branch block on a 12-lead EKG.
3. State the types of EP studies and the objectives of each.
4. Be familiar with the indications for EP testing and the common clinical scenarios meeting these criteria.
5. Discuss the various responses to Head-up Tilt Testing.

Faculty
Kriegh P. Moulton, M.D. is Director of Cardiac Electrophysiology, Prairie Heart Institute; Clinical Associate Professor of Medicine, Southern Illinois University School of Medicine; and a senior member of the firm Prairie Cardiovascular Consultants, Ltd., Springfield, Illinois. Dr. Moulton has presented this course to electrophysiology staff across the U.S. He makes electrophysiology come alive with an exciting and understandable presentation.

Linda Moulton, R.N., M.S. is a researcher, educator, consultant, medical writer and Owner of Critical Care ED and C.C.E. Consulting. Her other professional roles have included manager, and clinical specialist. She has taught across the U.S., for NASPE and for industry. She manages the “orderanddisorder.com” website.

Location
Valley Plaza Resort and Conference Center
5221 Bay City Road, Midland

Course Schedule
Day 1 - Friday, October 24
Faculty: Linda Moulton, R.N., M.S.
7:30 a.m. Registration and Continental Breakfast
8:30 a.m. Anatomy and Physiology of the Heart and Conduction System; Basic Electrophysiologic Principles; Arrhythmogenesis; Basics of Rhythm Interpretation
10 a.m. Break
10:15 a.m. Overview of Arrhythmias and Current Treatments; Introduction to the 12 Lead ECG
Noon Lunch Provided
1 p.m. Axis Deviation; Bundle Branch Blocks and HemiBlocks
2:15 p.m. Break
2:30 p.m. Narrow QRS Tachycardia; Wide QRS Tachycardia
5 p.m. Conclusion

Day 2 - Saturday, October 25
Faculty: Kriegh Moulton, M.D.
7:30 a.m. Registration and Continental Breakfast
8 a.m. More Physiology; Indications for EP Testing; Catheters and Catheter Placement
10 a.m. Break
10:15 a.m. Components of the EP Study - Fluoroscopic Anatomy and the Fat Stripe; A Primer on Electrogram Recordings; Programmed Stimulation and the Propagating Impulse
Noon Lunch Provided
1 p.m. Components of the EP Study continued
2:15 p.m. Break
2:30 p.m. Components of the EP Study continued
3 p.m. Syncope
4 p.m. EP Study One More Time
5 p.m. Conclusion and Evaluation

Accreditation
Total Credit: 18.9 Contact Hours (California Board of Nursing)
17 Contact Hours (ASRT)
A certification of attendance will be given upon completion of the course requirements, enabling you to register your credit with the appropriate licensing boards or associations. You may apply for other accreditations using the procedure established by the specific organization. Additional brochures and evaluation forms can be provided upon request. Full attendance is required. No partial contact hours will be issued for partial attendance.

These programs have been approved by the California Board of Nursing (CEP 12206) and the ASRT.