

Order and Disorder: The Basics

August 5 & 6, and 12 & 13, 2022 Virtual

COURSE DESCRIPTION AND INTENDED AUDIENCE

'The Basics' is normally a two-day course covering electrophysiologic principles, review of basic arrhythmias, 12 Lead EKG principles, indications for electrophysiologic testing, 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 course truly provides an opportunity for the participant to resolve uncertainties and unanswered questions. The syllabus is designed to be an excellent tool for self-study.

In August this course will be presented virtually over ZOOM, over 4 days, 4 hours each day. The course will be held at 11 am-3 pm Eastern Time each day (8 am-12 noon Pacific). Instructions for joining the ZOOM meeting will be sent to each participant.

This program has been presented since 1996.

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.
6. State a systemic approach to interpreting electrograms.

COURSE SCHEDULE

Total Credit: 17.4 Contact Hours (California Board of Nursing)
17 Contact Hours (ASRT)

August 5

Faculty: Linda Moulton RN MS

Introduction

Anatomy and Physiology of the Heart and Conduction System; Basic Electrophysiologic Principles; Arrhythmogenesis; Basics of Rhythm Interpretation

Break

Overview of Arrhythmias and Current Treatments

Conclusion

August 6

Faculty: Linda Moulton RN MS

Introduction to the 12 Lead EKG, Axis Deviation; Bundle Branch Blocks and Hemiblocks

Break

Narrow QRS Tachycardia; Wide QRS Tachycardia

Conclusion and Evaluation

August 12

Faculty: Kriegh Moulton MD

More Physiology; Indications for EP Testing; Catheters and Catheter Placement

Break

Fluoroscopic Anatomy and the Fat Stripe; A Primer on Electrogram Recordings; Programmed Stimulation and the Propagating Impulse; Components of the EP Study

Conclusion

August 12

Faculty: Kriegh Moulton MD

Components of the EP Study continued

Break

Components of the EP Study continued

Syncope

Conclusion and Evaluation

COST: \$200 (Materials will be sent by PDF) (Actual books may be purchased on website if preferred with a discount)

ACCREDITATION

A certificate of attendance will be given upon completion of 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.

NURSES AND TECHNICIANS

This program has been approved by the California Board of Nursing (CEP 12206) and the ASRT.

FACULTY

Kriegh P. Moulton MD is a medical consultant. 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 RN, M.S. is a researcher, educator, consultant, medical writer, and owner of Critical Care ED and CCE Consulting. Her professional roles have also included manager and clinical specialist. She has taught across the U.S., for NASPE, and for industry. She manages the www.orderanddisorder.com website.

For further information call 217-836-4100.