ESSENTIAL ELECTROCARDIOGRAPHY I - NORMAL ECG
A WEB-BASED INTRODUCTORY COMPUTER PROGRAM ON
THE NORMAL ELECTROCARDIOGRAM

FRONTAL PLANE  12-LEAD ECG  HORIZONTAL PLANE

QUALITY AND BENEFITS

► Accessible on PC or Mac
► Teaches Orderly Approach to Interpretation
► Developed by Multicenter Consortium
► Incorporates Latest Curricular Design
► Interactive and Engaging
► Trains Students, Residents, Physicians, Physician Assistants, Nurses and Nurse Practitioners
► Saves Faculty Time

THE CONDUCTION SYSTEM

CONTRIBUTORS – Cardiologists and Educators from:
Miami • Arizona • Duke • Dundee • Florida • Illinois • Iowa • Mayo

Gordon Center for Research in Medical Education
Saving Lives Through Simulation Technology ®

For a demonstration of Essential Electrocardiography I,
visit our website: www.gcrme.miami.edu
Contact us for information on how you can acquire Essential Electrocardiography
Phone: 305-243-6481 • Fax: 305-243-6136 • Email: umedic@gcrme.med.miami.edu
CURRICULUM

INTRODUCTION
- Conduction System
- Grid Measurements
- Complex Components
- Patient History
- Standardization
- Measuring Rate
- Sinus Rhythm
- Measuring Intervals
- Determining Axis
- Morphology of Complexes
- Principles of Interpretation
- Pediatric ECG

ECG GRID

ST SEGMENT MORPHOLOGY
- Isoelectric line
- J point
- ST segment

PATHOLOGIC Q WAVES

HEART RATE

MORPHOLOGY & INTERVALS

FRONTAL PLANE AXIS

AXIS DETERMINATION

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