OUTLINE

Understanding Electrical & Mechanical Functions
Conduction System
Waveforms
The NEED TO KNOW Arrhythmias
Hemodynamic Function
Cardiac Output
Preload
Afterload
Contractility
Heart Rate
Normal Heart Sounds
S1, S2
Abnormal Heart Sounds
Murmurs: Differentiating Systolic from Diastolic
53/54 Gallon
Compensatory Mechanisms
Maintaining Cardiac Output & Blood Pressure
Coronary Artery Perfusion
In Relation to: Cardiac Muscle & Conduction System
Lead Placement
5-Lead Monitoring
12-Lead, 15-Lead and Right-sided ECG
Caring for Patients with Acute Coronary Syndrome
Differentiating Between Ischemia, Injury & Infarct
A Systematic Approach for Detection on the ECG
Pharmacological Therapies
AHA Guidelines: When to Use & Why
Dual Anti-Platelet Therapy
Beta Blockers
ACE Inhibitors
Anticoagulation
Statins
Mechanism of Action

Heart Failure: Which Organs are Really Affected?
Neurohormonal Activation
Sympathetic Nervous System
Renin-Angiotensin System
Aldosterone System
Perfusion & Congestion Assessment
Differentiating Chronic from Acute HF
The Importance of Unloading the Heart
Non-Invasive Diagnostic Evaluation
Evidence-Based Treatment
What are the BUN & Creatinine Saying?
Valvular Heart Disease: Why the Left Side
Contrasting Stenotic Valvular Dysfunction from Insufficiency
Physical Assessment Clues
Signs & Symptoms
Associated Murmurs
Other Cardiac Disease Pathologies
Pericarditis
A Good Impactor of Myocardial Infarction
Cardiomyopathies
Contrasting Dilated from Hypertrophic
Advanced Skills in Assessment & Decision-Making
Creating a Hemodynamic Profile without a PAC
Assessing Volume Status
Jugular Vein Distention
Importance of Pulse Pressure
The Value of Heart Sounds

THE HEART IN DETAIL

The NEED TO KNOW Arrhythmias
Cardiac Conditions: What is Actually Happening?
The ABCs of Cardiac Medications
Heart Failure: Which Organs are Really Affected?

SPRINGFIELD, IL
Thursday, January 18, 2018
INDIANAPOLIS, IN
Friday, January 19, 2018

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Did you ever wonder why your patient with a myocardial infarction will have dyspnea? Or have a hard time explaining how beta-blockers work? Or become confused about ejection fractions, let alone CHF hemodynamics? If you have a hard time explaining to your patients about which blood pressure perfuses what part of the heart, or why they have an arrhythmia, or how their heart failure is causing their kidney problems, then you need to join Karen M. Marzlin, DNP, RN, ACNPC-AG, CCNS, CCRN-CMC, CHFN, a mentor who can really make the information easy and understandable.

Designed with the bedside clinician in mind, this seminar is appropriate for all healthcare professionals wanting to improve their assessment skills, build a foundation of cardiac anatomy and physiology and apply these skills in daily patient care. Understanding these essential concepts will help you find patient complications faster and respond to them more appropriately. Karen’s teaching style allows for an informal interactive discussion. You will leave with a systematic approach to interpreting ECGs, an understanding of common cardiac pathologies, and a renewed commitment to achieving excellence in patient care.

**Speaker:**
Karen M. Marzlin, DNP, RN, ACNPC-AG, CCNS, CCRN-CMC, CHFN, practices as an Acute Care Clinical Nurse Specialist managing hospitalized medical cardiology patients. With over 28 years of cardiovascular and critical care experience, both at the bedside and administratively, Karen brings a broad depth of knowledge to her practice. In addition to her hospital practice, Karen also manages patients with advanced heart failure in the Heart Failure Clinic and is actively involved in systems and processes surrounding all aspects of heart failure care. In addition to maintaining a part-time clinical practice, Karen is a Non-financial: Karen Marzlin is a CCRN Ambassador for the American Association of Critical Care Nurses.

**Target Audience:**
Nurses, Practitioners, Clinical Nurse Specialists, Physician Assistants, Cardiovascular Technicians

**Provided by:**
Nursing 2018 Drug Handbook
Published by Upchurch Williams & Williams
Everything you need to know about today’s medications in one spot fully updated with more than 4,300 clinical changes to nearly 3,500 generic, brand, and combination drugs. Easy-to-foil safety and clinical alerts: Black Box Warnings, Adjust-a-dose, Dialable drug, Overdose Signs Symptoms, Look alike-Sound alike Drugs, and N-Intolerabilities. The 22-page Photoguide features over 450 of the most commonly prescribed tablets and capsules.

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**Clinical Nursing Assessment Skills Pocket Guide**
By Cyndi Zarbano, R.N., BSN, CCRN, CMSRN, CLNC, NCLCP
This full-color pocket-guide provides portable, quick and easy access to essential information on neurological, cardiac, and pulmonary assessments. Filled with descriptive images. (2013)

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**SPEAKER**
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