

## OUTLINE

### Cardiovascular Assessment: Critical Clues You Should NEVER Miss

Contrasting Electrical from Mechanical Cardiac function  
Hemodynamics:  
Understanding Cardiac Output

### Don't Miss a Beat Interpreting Heart Sounds

Contrast Normal from Abnormal Heart Sounds  
Murmurs: Differentiating Systolic from Diastolic  
S3/S4 Gallops  
Compensatory Mechanisms  
Maintaining Cardiac Output & Blood Pressure

### Fast & Slow Dysrhythmias

Choosing Your Monitor Leads Wisely  
The NEED TO KNOW Arrhythmias  
Bradycardias/AV Blocks  
Tachycardias  
Contrasting Atrial Fibrillation from Atrial Flutter  
Mono and Polymorphic V-Tach  
Ventricular Fibrillation  
Critical Nursing Actions

### Clues from the EKG

Anatomy of the 12-Lead, 15-Lead and Right-Sided EKG  
Differentiating Limb leads from Chest Leads  
Cardiac Axis Meaning and Assessment:  
Utilizing the Thumb Technique

### Acute Coronary Syndrome: Diagnosis & Management Guidelines

STEMI vs. NSTEMI Treatment Strategies  
Critical Cardiac Labs  
EKG Interpretation:  
A Systematic Approach to Detection  
Identifying the Differences  
Urgent vs. Emergent Interventions

### Cardiovascular Drug Cabinet: Pharmacological Therapies

AHA Guidelines: When to Use & Why  
Dual Anti-Platelet Therapy  
Beta Blockers  
ACE Inhibitors  
Anticoagulation  
Statins  
Mechanism of Action

### The Failing Heart: Acute Management Priorities

#### Systolic vs. Diastolic Heart Failure

Classification Systems  
Neurohormonal Activation  
Perfusion & Congestion Assessment  
The Importance of Unloading the Heart  
Evidence-Based Treatment  
Acute Medication Protocols  
Nursing Considerations With:  
Biventricular Pacing  
Implantable Cardioverter Defibrillators  
LVAD

### Valvular Heart Disease: Why the Left Side?

Contrasting Stenotic Valvular Dysfunction from Insufficiency  
Physical Assessment Clues  
Signs & Symptoms  
Associated Murmurs

### Advanced Skills in Assessment & Decision-Making

Creating a Hemodynamic Profile without a PA Catheter  
Assessing Volume Status  
Jugular Vein Distention  
Importance of Pulse Pressure  
The Value of Heart Sounds

### Live Webinar Schedule

*(Times listed in Eastern)*

**8:00** Program begins

**11:50-1:00** Lunch Break

**4:00** Program ends

There will be two 15-min breaks (mid-morning & mid-afternoon).  
Actual lunch and break start times are at the discretion of the speaker.  
A more detailed schedule is available upon request.

## OBJECTIVES

1. Utilize the "Thumbs Technique" to determine the ventricular axis of the heart.
2. Analyze the more common cardiac arrhythmias and discuss the causes.
3. Evaluate the comparison of coronary artery perfusion to cardiac musculature and the conduction system.
4. Differentiate ischemia, injury, and infarction patterns on a 12-lead EKG, 15-lead, and right-sided EKG.
5. Integrate new evidenced-based guidelines to treat Acute Coronary Syndrome.
6. Categorize the process of valvular dysfunction and state treatments for aortic and mitral valve disease.
7. Evaluate the evidenced-based treatments to include medications and invasive procedures for chronic heart failure.

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# THE HEART IN DETAIL



## LIVE Interactive Webinar

**Monday, July 12, 2021**

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# 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?

## Live Interactive Webinar

**Monday, July 12, 2021**

**BONUS!** – Registration includes FREE on-demand access for 3 months.

# THE HEART IN DETAIL



Did you ever wonder why your patient with an inferior MI has bradycardias or a patient with heart failure is on an ACE inhibitor?

Or become confused about ejection fractions, let alone hemodynamics?

If you have a hard time explaining to your patients about which blood vessel 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 Cathy Lockett, RN, MHA, BSN, CCRN-K, 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 firm 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. Cathy's teaching style allows for an informal interactive discussion. You will leave with a systematic approach to interpreting EKGs, an understanding of common cardiac pathologies, and a renewed commitment to achieving excellence in patient care.

## Target Audience:

Nurses • Nurse Practitioners • Clinical Nurse Specialists • Physician Assistants  
Physicians • Cardiovascular Technicians • Physical Therapists • Occupational Therapists



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## MEET YOUR SPEAKER

**Cathy Lockett, RN, MHA, BSN, CCRN-K**, has been practicing critical care nursing for over 35 years. Her critical care background includes working in medical, surgical, neuro, cardiac, cardiovascular care, and critical care transport with most of her clinical experience in the areas of medical cardiology and cardiovascular surgery.

She has provided cardiovascular care in the role of staff nurse, preceptor, educator, supervisor and manager.

Utilizing her vast knowledge and experience, Cathy has presented on numerous topics related to cardiac and pulmonary care, including advanced and basic EKG interpretation, hemodynamic monitoring, basic and advanced arrhythmia, pulmonary diseases and IABP therapy. Additionally, Cathy is a Training Center Faculty member for the American Heart Association in the disciplines of Basic Life Support, Advanced Life Support, and Pediatric Advanced Life Support. Cathy's teaching style is dynamic, fun and high-energy while remaining informal and easy to understand.

### Speaker Disclosure:

Financial: Mary (Cathy) Lockett receives a speaking honorarium from PESI, Inc.

Non-financial: Mary (Cathy) Lockett has no relevant non-financial relationship to disclose.

## CE CREDITS AVAILABLE FOR LIVE WEBINAR

This continuing education activity is designed to meet state board requirements for the following professionals: **Nurses, Physicians, Physician Assistants, Physical Therapists, Occupational Therapists, and Cardiovascular Technicians.**

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\*If mailing/faxing registration, find form at [www.pesi.com/form](http://www.pesi.com/form) or call 800-844-8260

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