



## COURSE DESCRIPTIONS

### Cardiovascular Disorders

#### *ACLS Guidelines 2021: What's New & Why*

10/25/2021 | 8:00:00 AM - 8:20:00 AM

*Faculty: Cameron K. Berg, MD, FACEP*

AHA/ACC guidelines were new in 2020 and specific updates happen every year. The speaker will discuss the latest recommendations, the evidence behind them, and what will change your practice.

- Understand the guidelines for cardiac arrest management.
- Apply evidence-based recommendations to your practice.
- Identify areas of controversy and confusion on managing cardiac arrest.

### Cardiovascular Disorders

#### *Myocardial Ischemia & Mimics: ECG Cases*

10/25/2021 | 12:30:00 PM - 1:20:00 PM

*Faculty: Amal Mattu, MD, FACEP*

One of the first priorities in ECG analysis is to look for patterns of injury. Myocardial ischemia can be subtle on an ECG & can be mimicked by several pathological processes. The speaker will focus on a diagnostic approach to the recognition of myocardial ischemia. Differentiation from other diseases & normal variants also will be reviewed. By the time you are finished, you won't be fooled by mimickers of ischemia, & recognition of acute coronary syndromes on ECG will be second nature.

- Provide an approach to the analysis of the ECG that will assist in detecting acute coronary syndromes.
- Identify subtle ECG manifestations with potentially fatal outcomes if missed.
- Practice ECG analysis in a case-based format.



## COURSE DESCRIPTIONS

### Cardiovascular Disorders

#### *Acute Limb Ischemia: Red, White, or Blue - What to Do?*

10/25/2021 | 1:30:00 PM - 1:50:00 PM

Faculty: Deborah B. Diercks, MD, MSc, FACEP

Time is critical when caring for the cold, hypoperfused extremity. Venous and arterial occlusion are managed differently and it is imperative that providers identify the cause early and accurately. Join the speaker as they discuss how to quickly determine whether limb ischemia is caused by venous or arterial occlusion and which interventions are needed to “salvage that leg”.

- Identify key history & physical exam findings concerning for acute limb ischemia in patients presenting with limb pain
- Utilize bedside ultrasound to differentiate venous & arterial causes of limb ischemia to decrease delays to critical interventions in ED patients.
- Explain the optimal chance of limb salvage by initiating best evidence interventions to care for patients with acute limb ischemia.

### Cardiovascular Disorders

#### *From Paper to Patient: Recent Advances in Emergency Electrocardiography That Will Save a Life*

10/25/2021 | 4:30:00 PM - 5:20:00 PM

Faculty: Amal Mattu, MD, FACEP

Tremendous advances have been made in the field of electrocardiography in the past several years. We are now able to detect subtleties that may literally mean either detection of disease and/or changing management that can save lives. Join this expert in finding & utilizing electrocardiographic pearls buried in years of bench studies. Once you have finished this review, you will have skills in new & improved methods of ECG analysis & the literature to back you up.

- Identify deficiencies in knowledge translation on electrocardiographic data that may not be utilized for improved patient care.
- Capture subtle manifestations of cardiac disease that are outside regular knowledge boundaries & teaching.
- Provide an algorithm for advanced electrocardiographic analysis.
- Utilize evidence-based electrocardiographic studies as a basis for practice patterns in cardiac care.



## COURSE DESCRIPTIONS

### Cardiovascular Disorders

#### *Rapid Rule Out of Acute MI: Understanding the Troponins*

10/25/2021 | 5:00:00 PM - 5:20:00 PM

Faculty: Jeffrey Tabas, MD, FACEP

Cardiac biomarkers have dramatically improved early detection of acute myocardial infarction as well as subtle cardiac damage. The speaker will describe current troponin testing and outline a diagnostic approach to maximize the efficiency and effectiveness of cardiac troponin testing for AMI exclusion.

- Describe the difference in test characteristics of conventional and high sensitivity troponin tests
- Discuss an evidenced based interpretation scheme for troponin laboratory results that assists providers in dispositioning patients

### Cardiovascular Disorders

#### *Cardiac Arrest Care Debate: What Works vs What We Do*

10/26/2021 | 8:00:00 AM - 8:50:00 PM

Faculty: Salim Rezaie, MD, FACEP; Deborah Diercks, MD, MSc, FACEP

New evidence is challenging our long established practices during the care of patients in cardiac arrest. Emergency medicine experts in cardiac resuscitation will break down the evidence and challenge our thinking, and each other, while discussing recent literature on topics ranging from medication administration to ECMO.

- Understand the evidence for and against common cardiac arrest interventions.
- Recognize the value and appropriately prioritize interventions during the post resuscitation period.
- Describe the key clinical features and decision rules when deciding to terminate resuscitative efforts.



## COURSE DESCRIPTIONS

### Cardiovascular Disorders

#### *Transvenous Pacemaker Lab*

10/26/2021 | 8:00:00 AM - 10:00:00 AM

*Faculty: Jared Novak, MD, FACEP*

Patients with unstable bradycardias frequently require insertion of a transvenous pacemaker as part of their initial ED resuscitation. Although this is a relatively common procedure in the hospital setting, it isn't done all that often in the emergency department. The procedure for insertion of a transvenous pacemaker is straightforward, but creates quite a bit of anxiety for providers who haven't inserted one in a while. This lab will teach you the steps of pacemaker insertion & what to do once it has been placed. Participants completing this workshop will gain confidence in taking care of this group of critically ill patients. (This Lab is limited in the number of participants.)

- Demonstrate the process of putting the sheath & pacer wires together.
- Discuss the process of "floating the wire" & how to evaluate for wire placement.
- Determine how to evaluate for capture.
- Demonstrate how to program the initial settings on the pacemaker generator.

### Cardiovascular Disorders

#### *Aortic Dissection: Don't Miss This Diagnosis*

10/26/2021 | 8:30:00 AM - 8:50:00 AM

*Faculty: George C. Willis, MD, FACEP*

Thoracic aortic dissection is an uncommon but extremely lethal condition. New risk stratification rules using D Dimer are now available. The speaker will discuss the utility of risk scores and diagnostic tests as they review key findings in making the diagnosis. Additionally, participants will learn the current recommendations for stabilization and treatment.

- Identify key features on patient presentation that warrant an evaluation for thoracic aortic dissection.
- Incorporate evidence based diagnostic and treatment strategies into your practice



## COURSE DESCRIPTIONS

### Cardiovascular Disorders

#### *Bundle Branch Block Unblinded - Identifying Acute MI*

10/26/2021 | 9:30:00 AM - 9:50:00 AM

Faculty: Jeffrey Tabas, MD, FACEP

Detection of acute ischemia and infarction in patients with bundle branch blocks on ECG can be challenging. The speaker will discuss a systematic approach as well as common pitfalls in the recognition of ACS in patients with right and left bundle branch block.

- Recognize the presentation of AMI in the setting of left bundle branch block common pitfalls in misdiagnosis
- Recognize the presentation of AMI in the setting of right bundle branch block common pitfalls in misdiagnosis

### Cardiovascular Disorders

#### *Breaking VAD: When a Broken Heart Fails*

10/26/2021 | 10:30:00 AM - 10:50:00 AM

Faculty: Cameron K. Berg, MD, FACEP

More LVADs are placed every year. Are you prepared to manage these patients when their devices go bad? Join the speaker in understanding the components of these devices & the potential problems. The speaker will explore how to troubleshoot these devices providing specific guidelines & recommendations.

- Describe components of the VAD and their related complications
- Outline an appropriate management algorithm when caring for VAD patients
- Discuss the findings of patients with total artificial heart



## COURSE DESCRIPTIONS

### Cardiovascular Disorders

#### *Myocarditis: Detecting a Subtle Killer*

10/26/2021 | 12:30:00 PM - 12:50:00 PM

*Faculty: Megan Fix, MD, FACEP*

Myocarditis rarely presents in a straightforward, textbook fashion with chest pain and pulmonary congestion. Instead, myocarditis often presents subtly mimicking gastrointestinal or respiratory viral illnesses. The speaker will review the presentations and diagnostic strategies necessary to clarify this confounding diagnosis.

- Review the textbook and atypical presentations of myocarditis in adults and children.
- Explain contemporary diagnostic strategies for detecting myocarditis
- Explain the effects of Covid-19 on the heart and the spectrum of presentations

### Cardiovascular Disorders

#### *Transvenous Pacemaker Lab*

10/26/2021 | 12:30:00 PM - 2:30:00 PM

*Faculty: Jared D. Novack, MD, FACEP*

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## COURSE DESCRIPTIONS

### Cardiovascular Disorders

#### *Pain in the Neck: Diagnosis & Treatment of Vertebral & Carotid Dissections*

10/26/2021 | 1:00:00 PM - 1:20:00 PM

Faculty: Joshua S. Broder, MD, FACEP

Arterial neck vessel dissections can have profound neurological implications leading to classic stroke pictures clinically. The treatment of dissections of the neck vessels and classic embolic strokes are very different. Join the speaker in defining the disease of arterial neck dissections in the realm of pathophysiology and etiology as well as when to suspect and just as importantly, when and how to treat.

- Discuss the etiology and pathophysiology of carotid and vertebral arterial dissections.
- Describe the approach to identify patients with neck arterial dissections.
- Review the clinical manifestations of neck dissections
- Provide an overview to the treatment of the patient with neck arterial dissections.

### Cardiovascular Disorders

#### *Advanced Recognition & Treatment of Bradycardias*

10/26/2021 | 2:00:00 PM - 2:20:00 PM

Faculty: Tarlan Hedayati, MD, FACEP

Moving fast when your patient's heart rate is slow can save their life. Using a case based format, the speaker will review the identification, management, and disposition of patients with bradyarrhythmia due to conduction blocks, drugs, and other causes. Particular emphasis will be placed on optimizing treatment protocols and on therapeutic myths and controversies.

- Identify the proximal & distal conduction blocks & discuss their treatment modalities.
- Discuss the range of causes of bradycardia, and the best approaches to identification & treatment including drug toxicity.
- Discuss appropriate application and common pitfalls in the use of transcutaneous pacing for bradycardia



## COURSE DESCRIPTIONS

### Cardiovascular Disorders

#### *Atrial Fibrillation 2021: Don't Miss a Beat*

10/26/2021 | 3:30:00 PM - 4:20:00 PM

*Faculty: Jeffrey Tabas, MD, FACEP*

Atrial fibrillation is common and controversial: Is rate control superior to rhythm control? Should patients with AF be cardioverted? How? What is the best rate control agent? These questions and more will be answered as the speaker reviews the evidence, guidelines, and best practices.

- Discuss rate control versus rhythm control in patients with atrial fibrillation
- Describe which patients benefit from anticoagulation
- Evaluate the evidence for a cardiovert and discharge approach to recent onset AF

### Cardiovascular Disorders

#### *Transvenous Pacemaker Lab*

10/26/2021 | 3:30:00 PM - 5:30:00 PM

*Faculty: Jared D. Novack, MD, FACEP*

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## COURSE DESCRIPTIONS

### Cardiovascular Disorders

#### *Traumatic Cardiac Injury - Confusion with Contusion*

10/26/2021 | 4:00:00 PM - 4:20:00 PM

Faculty: Megan Fix, MD, FACEP

Blunt cardiac injury is poorly diagnosed and understood. Yet, tens of thousands of patients annually suffer blunt thoracic trauma. Review the evidence for diagnosing cardiac contusion and the best practices in caring for these patients.

- Develop an approach to the identification of traumatic cardiac injury and discuss pitfalls in the diagnosis
- Understand the treatment and prognosis of patients with traumatic cardiac injury

### Cardiovascular Disorders

#### *New Cardiac Drugs 2021: What, How & When*

10/26/2021 | 5:00:00 PM - 5:20:00 PM

Faculty: George C. Willis, MD, FACEP

Each year new medications are developed and indications for current medications are refined to assist providers with the management of patients with cardiac disease. Are they beneficial or harmful? What is the cost? These and other questions make integration of new medications into clinical practice an enormous hurdle. The speaker will present a literature review of new drugs and indications for older drugs and compare to those currently in use.

- Identify new drugs and new indications for older drugs for the treatment of ED patients with cardiovascular disease
- Apply a cost-conscious, evidence-based approach to new drug utilization in ED patients with cardiovascular disease



## COURSE DESCRIPTIONS

### Cardiovascular Disorders

#### *Wide & Whacked Tachycardias: A Rational Approach to Diagnosis & Management of Wide Complex Tachycardia*

10/27/2021 | 8:00:00 AM - 8:20:00 AM

Faculty: *Tarlan Hedayati, MD, FACEP*

Wide complex tachycardia can make the most experienced emergency provider sweat. Combining current evidence & a rational approach to diagnosis & management, the speaker will discuss how best to care for these patients while maximizing the opportunity for rhythm diagnosis.

- Discuss the differential diagnosis of wide complex tachycardia.
- Review existing clinical decision rules in the management of wide complex tachycardia.
- Design an evidence based management strategy for these patients.

### Cardiovascular Disorders

#### *Transvenous Pacemaker Lab*

10/27/2021 | 8:00:00 AM - 10:00:00 AM

Faculty: *Jared D. Novack, MD, FACEP*

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### Cardiovascular Disorders

#### *Transvenous Pacemaker Lab*

10/27/2021 | 12:30:00 PM - 2:30:00 PM

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### Cardiovascular Disorders

#### *Non-Traditional AMI Presentations: Don't Miss the Diagnosis*

10/27/2021 | 1:30:00 PM - 2:20:00 PM

*Faculty: Amal Mattu, MD, FACEP*

Atypical presentations of ACS are medical & legal challenges. Groups at higher risk of these unusual presentations include extremes of age, female gender, & those with comorbid disease such as diabetes. These patient presentations are reviewed highlighting key caveats & pitfalls. Demonstrate the process of putting the sheath & pacer wires together.

- Describe the typical "atypical" presentations in ACS.
- Identify the common reasons for not identifying ACS in the ED.
- Highlight strategies to maximize ACS diagnosis.



## COURSE DESCRIPTIONS

### Cardiovascular Disorders

#### *Advanced Recognition of Tachycardias*

10/27/2021 | 1:30:00 PM - 1:50:00 PM

Faculty: Christopher Hahn, MD

Through an interactive session of clinical cases and ECGs, the speaker will review identification, management, and disposition of patients with atrial and ventricular tachycardias. Particular emphasis will be placed on accepted management modalities and comments will be made on therapeutic controversies.

- Identify narrow- and wide-complex, regular, and irregular tachycardias.
- Differentiate supraventricular tachycardias on 12-lead ECG.
- Describe a logical approach to diagnosis and treatment of tachycardias based upon anatomy and etiology of the pathology.

### Cardiovascular Disorders

#### *Acute Decompensated Heart Failure: Time Critical Interventions*

10/27/2021 | 3:30:00 PM - 4:20:00 PM

Faculty: Amal Mattu, MD, FACEP

The treatment of congestive heart failure (CHF) has remained relatively static for years. Not anymore! Utilization of cardiac biomarkers assists in both the diagnosis & treatment of CHF. The presenter will focus on cutting-edge therapies for decompensated CHF such as high-dose nitroglycerin, ACE inhibitors, & noninvasive ventilation. Using aggressive management protocols not only reduces morbidity & mortality in the short-term but long-term in the form of reduced re-admission rates.

- Describe advances in the diagnosis & treatment of CHF, including the use of biomarkers..
- Describe the advantages of biomarker-directed therapy in the management of decompensated CHF.
- Review recent AHA guidelines on CHF.



## COURSE DESCRIPTIONS

### Cardiovascular Disorders

#### *Transvenous Pacemaker Lab*

10/27/2021 | 3:30:00 PM - 5:30:00 PM

*Faculty: Jared D. Novack, MD, FACEP*

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### Cardiovascular Disorders

#### *Syncope & Near Syncope: Who Can Go Home?*

10/27/2021 | 4:30:00 PM - 4:50:00 PM

*Faculty: Andrew Matuskowitz, MD*

Dramatic differences exist in how syncope is managed across providers and geographies regarding evaluation and disposition decisions. The speaker will review the recent literature and discuss key clinical decision rules that providers must know when caring for patients presenting with a transient loss or near-loss of consciousness.

- Develop a systematic approach to patients presenting with a transient loss or near-loss of consciousness
- Discuss the utility of clinical decision rules for syncope and presyncope
- Apply evidence based decision making when positioning syncope patients



## COURSE DESCRIPTIONS

### Cardiovascular Disorders

#### *ECG in Syncope: The Expert Approach*

10/27/2021 | 5:00:00 PM - 5:20:00 PM

Faculty: J. Scott Wieters, MD, FACEP

The ECG is an essential tool not only for arrhythmia detection and analysis but also for risk stratification in syncope. ECG interpretation in syncope patients is an essential skill for acute care providers. Using a case-based approach, the speaker will teach an expert approach to ECG analysis in syncope patients.

- Apply a systematic approach to ECG analysis in syncope patients
- Identify subtle ECG findings that can result in fatal outcomes if missed

### Cardiovascular Disorders

#### *Hypotensive Heart Failure: CHF End Game*

10/28/2021 | 8:00:00 AM - 8:20:00 AM

Faculty: Jennifer M. Wilson, MD, FACEP

Patients with hypotension and heart failure present a therapeutic dilemma as every "treatment" can actually make them worse. The speaker will discuss approaches to managing patients in cardiogenic shock and review the recent literature, current guidelines, and expert opinions so that you may optimize your odds of saving these complex, high-risk patients.

- Evaluate therapies that may improve survival for patients suffering from cardiogenic shock.
- Recognize which hypotensive heart failure patients will benefit from fluid resuscitation to improve perfusion to critical organs.
- Develop a structured approach to inotropic & vasopressor use in patients with cardiogenic shock to optimize cardiac output & reduce complications.



## COURSE DESCRIPTIONS

### Cardiovascular Disorders

#### *Does Unstable Angina Still Exist? Evaluation After AMI is Excluded*

10/28/2021 | 8:30:00 AM - 8:50:00 AM

Faculty: Deborah B. Diercks, MD, MSc, FACEP

Evidence on how to manage patients with possible acute coronary syndrome continues to emerge. Unfortunately, guidelines struggle to effectively translate evidence to clinical practice, while the pressure to find safe, efficient care solutions is mounting. The speaker will review the recent literature on evaluating risk in chest pain patients and describe a effective and efficient approach to selecting evaluation for patients after AMI is excluded.

- Review the need for further evaluation after exclusion of AMI in the patient presenting with anginal symptoms.
- Identify risk factors for major adverse cardiac events in emergency department patients after AMI has been excluded.

### Cardiovascular Disorders

#### *Crashing Patients: Peri-arrest Pearls for a New Decade*

10/28/2021 | 9:00:00 AM - 9:50:00 AM

Faculty: Michael E. Winters, MD, FACEP

Most patients in cardiac arrest have a dismal prognosis regardless of their management. On the other hand, it is the patient in the peri-arrest period – the “crashing patient” – in whom a significant improvement in outcome can be achieved. The speaker will discuss some critical considerations & interventions for patients who are in the pre- & post- cardiac arrest period that can result in the difference between life & death.

- Identify early markers that patients are at high risk for cardiovascular collapse.
- Describe common pitfalls during patient resuscitation.
- Identify how basic bedside ultrasonography can help in the diagnosis & treatment of “crashing” patients.
- Discuss new practices in the recent AHA guidelines, which improve outcomes in patients pre- & post- cardiac arrest.



## COURSE DESCRIPTIONS

### Cardiovascular Disorders

#### *Hypertensive Emergencies: Drugs, Drips & Drops*

10/28/2021 | 9:30:00 AM - 9:50:00 AM

Faculty: Philip H. Shayne, MD, FACEP

Hypertension is an extremely common condition that is treated by emergency physicians on a daily basis. Several hypertensive emergencies necessitate the use of antihypertensive drip medications. The speaker will highlight common hypertensive emergencies and which antihypertensive drip medications to use. Useful pearls and pitfalls when dealing with the hypertensive patient will also be discussed.

- Identify which patients require aggressive management for severe hypertension.
- Describe a safe and effective approach to selecting and initiating intravenous antihypertensive medications for hypertensive emergencies.
- Describe an approach for converting intravenous antihypertensive drip medications to oral antihypertensive medications.

### Cardiovascular Disorders

#### *Noninvasive Cardiac Testing in Low Risk Chest Pain - Which Modality is Best?*

10/28/2021 | 10:00:00 AM - 10:20:00 AM

Faculty: Susanne D. Demeester, MD, FACEP

The practicing clinician now has the ability to utilize imaging modalities to not only risk stratify patients for ACS, but to impact other patient management decisions as well. Join the speaker in determining when non-invasive cardiac testing is indicated and which test is best when evaluating patients with possible acute coronary syndromes.

- Develop a strategy for noninvasive testing of individuals at risk for ACS that maximizes diagnostic accuracy, cost and time.
- Apply pre- and post-testing risk assessment to ensure optimal disposition and management in possible ACS patients.



## COURSE DESCRIPTIONS

### Cardiovascular Disorders

#### *Cardiac Tamponade: Ain't No Thrill to Have No Fill*

10/28/2021 | 10:30:00 AM - 10:50:00 AM

Faculty: Jennifer M. Wilson, MD, FACEP

Cardiac tamponade is deadly and emergent intervention is needed. Using new, rapid approaches for diagnosis, there is often an opportunity for emergency providers to intervene. Determining which interventions should be done in which patients however, is challenging. Join the speaker as they review the critical diagnostic findings and how to determine the best treatment at the correct time.

- Review the causes and clinical presentations of cardiac tamponade
- Develop a systematic approach to choosing the appropriate intervention in patients with cardiac tamponade.

### Cardiovascular Disorders

#### *Sex, Lies & Cardiac Emergencies*

10/28/2021 | 12:00:00 PM - 12:20:00 PM

Faculty: Susanne D. Demeester, MD, FACEP

Despite efforts aimed at increasing awareness of cardiovascular disease in women, it remains their number one cause of mortality. Recognition of atypical symptoms in women is often emphasized, but less often discussed are the underlying differences in pathophysiology. Women with chest pain also have higher rates of coronary dissection, vasospasm, microvascular disease, and Takotsubo's cardiomyopathy. The speaker will review cardiac emergencies in women and discuss appropriate differences in our approach to diagnosis and management.

- Recognize the differences in presentation and underlying mechanism of ACS in women.
- Apply appropriate evaluation and treatment pathways for possible ACS presentations in women
- Discuss the association between gender and different mechanisms of cardiac injury



## COURSE DESCRIPTIONS

### Cardiovascular Disorders

#### *Asymptomatic Hypertension: Just Stand There?*

10/28/2021 | 12:30:00 PM - 12:50:00 PM

Faculty: Philip H. Shayne, MD, FACEP

How many times a day do we see an elevated blood pressure recorded on a patient's chart? When should you treat it, & when should you refer the patient for follow-up? Should a patient be started on antihypertensive medications or a new one added to the regimen? Based on the latest literature, the speaker will discuss the spectrum of hypertensive disease, particularly asymptomatic hypertension, & its ED evaluation & treatment.

- Define severe, asymptomatic hypertension.
- Describe the indications for diagnostic testing in patients with hypertension.
- Discuss the latest recommendations, guidelines, & clinical policies pertaining to patients with severe hypertension.

### Cardiovascular Disorders

#### *Treatment Strategies for AMI - Pearls & Pitfalls*

10/27/2021 | 8:30:00 AM - 8:50:00 AM

Faculty: Mary E. McLean, MD

Every year, the recommendations for treatment of acute myocardial infarction seem to change or evolve. What are the current recommendations, what is the evidence behind them, and what are the pitfalls in treatment? Which patients with NSTEMI should be rushed to the cath lab? Should anyone still get morphine, oxygen, nitrates, and/or aspirin? Emergency department therapies, new and old, such as reperfusion, heparin, nitrates, antiplatelet agents, beta blockers, antithrombins, opiates, supplemental oxygen, pain control, statins, & percutaneous coronary intervention will be covered, reviewing the latest literature & guidelines.

- Review the current American College of Cardiology/American Heart Association (ACC/AHA) guidelines for treatment of ST and non-ST elevation MI & unstable angina.
- Identify the evidence behind therapies and under which clinical scenarios these therapies should be used.
- Discuss the pitfalls and complications of various therapies for ST and non-ST elevation MI & unstable angina.



## COURSE DESCRIPTIONS

### Cardiovascular Disorders

#### *Cruising the Cardiology Literature: 2021*

10/25/2021 | 3:30:00 PM - 4:20:00 PM

Faculty: George C. Willis, MD, FACEP

Medical journals abound with cardiology articles, and numerous multi-center trials have recently been published. New drugs are being introduced, existing medications have changing indications, and diagnostic and management strategies are being evaluated. Which of these articles should change your practice? The speaker will review the most important cardiology articles from the past year's literature.

- Discuss recent cardiology literature most relevant to emergency medicine.
- Describe how recent cardiology literature should change today's emergency medicine practice.
- Describe how recent literature impacts patient safety, cost and other key healthcare drivers

### Cardiovascular Disorders

#### *When the Right Goes Wrong - Recognizing & Treating Right Heart Failure*

10/27/2021 | 8:30:00 AM - 8:50:00 AM

Faculty: Andrew Matuskowitz, MD

The right heart is often neglected as most heart failure is left sided. The causes and occasionally the management of patients with right heart failure can be dramatically different. Incorrect treatment and inadequate recognition of a primary right heart failure, can lead to preventable morbidity and mortality. The speaker will review the causes, presentations, and treatments of patients with acute right heart failure.

- Describe the etiologies of right heart failure and the unique pathophysiology of these patients
- Review the management of right heart failure and how to trouble shoot patients not responding to initial therapy



## COURSE DESCRIPTIONS

### Cardiovascular Disorders

#### *ECLS & Extraordinary Measures in Cardiac Arrest*

10/27/2021 | 1:00:00 PM - 1:20:00 PM

*Faculty: George C. Willis, MD, FACEP*

Extraordinary cases call for extraordinary measures. The speaker will review the evidence behind ECMO-enhanced cardiac life support and other extraordinary measures to patients in cardiac arrest following failure of conventional cardiopulmonary resuscitation. Course participants will learn the who, when, where, why, and how of these rapidly maturing interventions.

- Review the evidence and reported outcomes for ECLS versus high performance ACLS
- Identify cardiac arrest patients most likely to benefit from ECMO and other extraordinary interventions.
- Describe how to integrate ECMO into clinical practice