



2015 – Preliminary Agenda

Revised 10/08/15

THURSDAY, NOVEMBER 12, 2015

PRE-COURSE WORKSHOP – LEARNING OBJECTIVES:

At the conclusion of this activity, participants will be better able to:

1. Identify subtle ECG findings in the ACS patient that predict an increased risk of morbidity and mortality.
2. Distinguish between the various types of AV block as well as a common benign mimic of AV block.
3. Identify ECG abnormalities in patients with syncope that predict sudden death.

PRE-COURSE WORKSHOP – PRELIMINARY AGENDA:

Start	End	CME	TOPIC	SPEAKER
4:00pm	5:15pm	1.25	Acute Coronary Syndromes: Basics and Mimics	Mattu, A.
5:15pm	5:30pm	0.00	Break	
5:30pm	7:00pm	1.50	Acute Coronary Syndromes: Tough Cases	Mattu, A.
7:00pm		0.00	Workshop Concludes	
Total		2.75		
Course Aggregate		19.50		

GENERAL SESSION – LEARNING OBJECTIVES

LEARNING OBJECTIVES:

At the conclusion of this activity, participants will be able to initiate safe and effective management of a wide variety of patients who present with cardiovascular emergencies including:

1. Identify optimum treatment strategies and anti-platelet/anticoagulant therapies for patients with acute coronary syndrome (STEMI, and UA/ NSTEMI)
2. Describe 'can't miss' findings on ECG
3. Understand emerging and guideline recommended management of the atrial fibrillation patient
4. Review emerging heart failure management strategies including diagnosis, classification, risk-stratification, prognosis, and optimization of volume status.
5. Understand and apply optimal management strategies for the treatment of stroke and VTE
6. Describe the mechanisms of action and optimal evidence based use of new oral anticoagulants (NOAC) therapy

DESIRED EDUCATIONAL OUTCOMES:

At the conclusion of this activity, participants will demonstrate effective management of cardiovascular emergencies including:

7. Implementation of state-of-the-art resuscitation strategies
8. Demonstrate immediate lifesaving actions for high-risk, high-threat electrocardiography (ECG) findings and unusual dysrhythmias
9. Evaluate and treat patients with complex dysrhythmias
10. Apply latest evidence for risk-stratification and management of chest pain and acute coronary syndromes
11. Review the evidence based strategies for the management of transient ischemic attack (TIA), stroke, and cerebral hemorrhage
12. Discuss the emerging data on current and novel biomarkers in the diagnosis, prognosis and treatment of cardiovascular disease

13. Identify optimal Emergency Department antiplatelet and anticoagulant management strategies for patients with acute coronary syndrome (ACS), atrial fibrillation (AF), venous thromboembolism (VTE) and stroke.
14. Implement strategies for effective emergency department management of the acute heart failure patient, including diagnosis, classification, risk-stratification, prognosis, optimization of volume status, hyponatremia management, organ protection, and potential impact on both short and long-term outcomes
15. Review the indications, contraindications, and applications of noninvasive positive pressure ventilation (NIPPV) in the emergency department.
16. Review the new guidelines and emerging management strategies for aortic dissection
17. Discuss the benefits, limitations, and utilization of novel anticoagulants for stroke prevention in AF
18. Determine evidence based best practices in the management of device related emergencies in patients with cardiac disease, including ventricular assist devices (VAD), pacemakers, and implantable cardioverter defibrillators (AICD)

FRIDAY, NOVEMBER 13, 2015

THE HEART COURSE GENERAL SESSIONS – PRELIMINARY AGENDA – DAY 1

START	END	CME	TOPIC	SPEAKER
8:00am	8:10am	0.00	Opening Remarks	Pang, P., Bohan, S.
8:10am	8:40am	0.50	Lend your hands, save a life: Resuscitation 1	Aldeen, A.
8:40am	9:10am	0.50	ECG Workshop 1	Mattu, A.
9:10am	9:40am	0.50	Lend your hands, save a life: Resuscitation 2	Aldeen, A.
9:40am	9:55am	0.00	BREAK	
9:55am	10:25am	0.50	Don't just do something, stand there: 2015 Best Practices for Hypertension in the ED	Bontempo, L.
10:25am	10:55am	0.50	Hot off the press: A review of the best CV papers of 2015	Bohan, S.
10:55am	11:25am	0.50	Narrow and Fast: Initial Management	Bontempo, L.
11:25am	11:55am	0.50	Acute heart failure 1: Cardiogenic Shock to Hypertensive HF	Pang, P.
11:55am	1:00pm	0.00	LUNCH	
1:00pm	1:30pm	0.50	Irregularly Irregular: 2015 Best Practices for Atrial Fibrillation	Bontempo, L.
1:30pm	2:30pm	1.00	ECG Workshop 2	Mattu, A.
2:30pm	2:40pm	0.00	BREAK	
2:40pm	3:10pm	0.50	When the cover matters more than the book:	Fix, M.

			Acute pericarditis	
3:10pm	3:40pm	0.50	The only chest pain worse than MI: Aortic dissection	Aldeen, A.
3:40pm	4:10pm	0.50	Wide and Fast: Initial Management	Fix, M.
4:10pm	4:20pm	0.00	BREAK	
4:20pm	5:00pm	0.67	Risky business: Chest pain risk stratification	Mattu, A.
5:00pm	5:20pm	0.33	Day 1 - Review and Faculty Q&A	
5:30pm			Course Concludes - Day 1	
Total Hours		7.50		
Course Aggregate		19.50		

SATURDAY, NOVEMBER 14, 2015

THE HEART COURSE GENERAL SESSIONS – PRELIMINARY AGENDA – DAY 2

START	END	CME	TOPIC	SPEAKER
8:30am	9:00am	0.00	BREAKFAST	
9:00am	9:30am	0.50	STE comes before MI: 2015 Best Practice Panel for ACS	Mattu, A., Bohan, S.
9:30am	10:00am	0.50	Tingleopathies and TIAs	Fix, M.
10:00am	10:45am	0.75	New technologies: CT Coronary Angiogram and Friends	Bohan, S.
10:45am	11:00am	0.00	BREAK	
11:00am	11:30am	0.50	To LP or not to LP: Subarachnoid Hemorrhage	Fix, M.
11:30am	12:00pm	0.50	Acute Heart Failure 2: Readmissions and Length of Stay	Pang, P.
12:00pm	12:30pm	0.50	A clot is a clot is a clot (except when it's not): Venous Thromboembolism	Bohan, S.
12:30pm	1:30pm	0.00	LUNCH	
1:30pm	2:00pm	0.50	Don't be insensitive: Next-generation troponins and novel biomarkers	Bohan, S.
2:00pm	2:30pm	0.50	When gadgets go haywire: Device Emergencies	Pang, P.
2:30pm	3:00pm	0.00	BREAK	
3:00pm	3:30pm	0.50	Blood thinners for needlephobes: Novel oral anticoagulants	Bontempo, L.
3:30pm	4:00pm	0.50	Emergency Medicine Board Review	Aldeen, A.
4:00pm	4:30pm	0.50	Faculty Review and Q&A	
4:30pm			Course Concludes - Day 2	
Total Hours		5.75		

Course Aggregate		19.50		
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SUNDAY, NOVEMBER 15, 2015

POST-COURSE WORKSHOP – LEARNING OBJECTIVES:

At the conclusion of this activity, participants will be able to perform a focused and goal-directed ultrasound assessment of patients presenting with several cardiovascular emergencies and hemodynamic instability including:

1. Learn the basic echocardiographic views of the heart and how to acquire them
2. Identify the differences in normal versus abnormal cardiac function by ultrasound
3. Understand the various cardiac and pericardial pathologies that may affect patients
4. Learn the basic principles of lung ultrasound and how it applies to cardiac ultrasound
5. Learn a systematic approach to the undifferentiated patient presenting in shock

START	END	CME	TOPIC	SPEAKER
8:00am	8:30am	0.00	Breakfast & Welcome	Russell, F.
8:30am	9:00am	0.50	Introduction to bedside ECHO	Ehrman, R.
9:00am	9:30am	0.50	Cardiac live scanning	ALL
9:30am	10:00am	0.50	Introduction to Lung Ultrasound	Russell, F.
10:00am	10:30am	0.50	Lung live scanning	ALL
10:30am	10:45am	0.00	Break	
10:45am	11:15am	0.50	Introduction to Vascular Access	Zahn, G., Kennedy, S.
11:15am	12:15pm	1.00	Vascular access live scanning	ALL
Total Hours		3.50		
Course Aggregate		19.50		