

3RD DAILY CARDIOLOGY SYMPOSIUM

CONCISE, PRECISE, PRACTICAL

1st Day, 3rd Panel, 1st Lecture

Acute Coronary Events

**Diagnostic approach and management plan of
acute chest pain**



Learning Objectives & Case Vignette

Learning Objectives

- Differential diagnosis of acute chest pain in the emergency department
- General approach to acute chest pain in the ED by history
- Role of physical examination in diagnostic approach to chest pain in the ED
- Role of imaging & laboratory studies in approaching to chest pain in the ED

Learning Objectives

- Approach to the diagnosis of acute chest pain in the ED
- Discharge criteria in patients with acute chest pain
- Ruling in & out acute coronary syndrome in patients with acute chest pain
- Role & rules of ECG, cardiac markers & echocardiography in patients with suspected ACS

Case Vignette

- 63 Y/O gentleman with Hx. of T2D and poorly controlled HTN
- He has a non-documented Hx. of colon cancer and chemoTx, no follow-up from a year ago
- Current smoker, 15 P/Y
- Comes to ED complaining of vague chest discomfort usually at rest from several days ago
- He reports worsening of the pain from 2-3 hours ago accompanied by mild dyspnea

Case Vignette con.

- He's not in respiratory distress, he's not diaphoretic
- Ph/E:
 - BP: 151/92 mmHg, HR: 98 bpm, O₂sat%=90% in ambient air
- Initial ECG is unremarkable except for borderline sinus tachycardia

What is your approach to further evaluation and diagnostic approach to this case?

**Stay Tuned with
Daily Cardiology Symposium 1402**

Acute Coronary Events

Tir 22nd, 14:00 – 15:30

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acute chest pain**

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