

3RD DAILY CARDIOLOGY SYMPOSIUM

CONCISE, PRECISE, PRACTICAL

1st Day, 2nd Panel, 1st Lecture

Acute Heart Failure

Approach to the management of
de novo acute heart failure



Learning Objectives & Case Vignette

Learning Objectives

- Approach to the diagnosis of acute Decompensated Heart Failure (DHF)
 - Clinical probability and diagnosis of Acute DHF
 - Clinical classification of Acute DHF
 - Implication of biomarker testing
- Initial evaluation & precipitating factors
- Differential diagnosis of acute decompensated HF

Learning Objectives

- Indications for Invasive hemodynamic monitoring
- Stepwise approach to diuretic use in acute heart failure
 - Optimal initial dose and mode of administration (bolus/infusion)
 - Choice of diuretic use
 - Transition to oral diuretic therapy
- Indications for vasodilators, morphine and oxygen therapy

Case Vignette

- 18 Y/O gentleman, with palpitation and progressive dyspnea in the previous week
 - history of flu-like symptoms last month
- **SH:** unremarkable
- **PMH:** unremarkable
- **Ph. Exam.:**
 - Acutely ill-appearing, alert and oriented
 - HR: 110 bpm, BP: 110/60 mmHg
 - RR: 24/min
 - O2sat: 89% in room air
 - Heart: S1 & S2 with tachycardia
 - Lungs: Bilateral fine rales, up to the inferior angle of scapula
 - Extremities: warm, 2+ symmetrical pulses, No pedal edema

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Daily Cardiology Symposium 1402

Acute Heart failure

Tir 22nd, 11:30 - 13:00

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