

# 3<sup>RD</sup> DAILY CARDIOLOGY SYMPOSIUM

CONCISE, PRECISE, PRACTICAL

2<sup>nd</sup> Day, 4<sup>th</sup> Panel, 1<sup>st</sup> Lecture

Acute Valvular disorders

## Approach to the diagnosis and management of prosthetic valve malfunction



Learning Objectives & Case Vignette

# Learning Objectives

- Clinical manifestations and initial evaluation of prosthetic valve obstruction (Mechanical/bioprosthetic)
  - Thrombotic obstruction & Pannus formation
- Initial assessment of prosthetic valve dysfunction
  - Echocardiographic criteria
  - Indications for TEE/MDCT/Fluoroscopy

# Learning Objectives

- Factors influencing the choice of therapy and treatment options
  - Indication for fibrinolytic therapy
  - Indication for transcatheter intervention
  - Indication for surgical intervention
  - Conservative therapy

# Case Vignette

- 65 Y/O lady, S/P MVR 20 years ago, with palpitation and DOE FC2 since two weeks ago
- Poor control INR in the recent years (last INR=1.8 a week ago)
- **PMH:**
  - HTN (15 years)
- **DH:**
  - Warfarin 2.5<sub>mg</sub> OD
  - Losartan 25<sub>mg</sub> OD
  - ASA 80<sub>mg</sub> OD
- **Ph. Exam.:** BP=95/65 mmHg, Sat O<sub>2</sub>: 92%
  - Lung: fine bilateral basilar rale
- **ECG:** Rapid Ventricular Response AF (130bpm)

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Daily Cardiology Symposium 1402

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Tir 23<sup>rd</sup>, 16:00-17:30

**Approach to the diagnosis and management  
of prosthetic valve malfunction**

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