Leadership

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Executive Director, Center for Advanced Heart Disease

Steve K. Singh, MD
Surgical Director, Heart Transplant and Mechanical Circulatory Support Program

Michael M. Givertz, MD
Medical Director, Heart Transplant and Mechanical Circulatory Support Program

Hari Mallidi, MD
Surgical Director, Right Heart Failure Program

Faculty

Akshay S. Desai, MD, MPH

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Lynne W. Stevenson, MD

Neal K. Lakdawala, MD

Garrick C. Stewart, MD

Advanced Heart Disease
Clinical Decision Algorithms

Access to the Center for Advanced Heart Disease Is One Call Away

(857) 307-4000

Monday through Friday
8:30 a.m. – 5 p.m.

For inpatient transfers, please call:
(617) 543-4170
**Brigham and Women’s Center for Advanced Heart Disease**

**COMPLEX HEART DISEASE**

Could your patient have a complex diagnosis?

- Familial (genetic) Cardiomyopathy
- Inflammatory Heart Disease (myocarditis)
- Infiltrative Heart Disease (amyloidosis, sarcoidosis)
- Chemotherapy-related Cardiomyopathy
- Peripartum Cardiomyopathy
- Radiation-induced Heart Disease
- Tachycardia-induced Cardiomyopathy
- Unexplained Dyspnea
- Pulmonary Hypertension and Right Heart Failure
- Congenital Heart Disease (occult or overt)

**TO REFER A PATIENT FOR ADVANCED THERAPY EVALUATION PLEASE CALL (857) 307-4000**

**ADVANCED HEART FAILURE**

Advanced heart failure symptoms markedly limiting daily activities

- Ensure optimal pharmacological, CRT, and ICD therapy as indicated

- Does this patient meet criteria for increased one-year mortality?

  - Reno-circulatory limitations to use of ACEIs, ARBs, and beta blockers
  - High or increasing diuretic requirement (e.g., 1.5 mg/kg per day in furosemide equivalence)
  - BUN \( \geq \) 40 mg/dl, elevated creatinine (not due to hypovolemia)
  - Persistent low sodium \(<\) 136 mEq/L
  - \( \geq \) 2 heart failure hospitalizations in past one year
  - Heart failure associated frailty or cachexia
  - High-risk profile on calculated survival scores (e.g. www.seattleheartfailuremodel.org)

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ACEI= angiotensin-converting enzyme inhibitor  
ARB= angiotensin receptor blocker  
BUN= blood urea nitrogen  
CRT= cardiac resynchronization therapy  
ICD= implantable cardioverter defibrillator

1 A proposed clinical algorithm to initiate advanced therapy consideration (this algorithm has not been validated by trials). Reference: Adapted from Mehra and Domanski. Circulation 2012; Adapted from Stewart and Givertz. Circulation 2012.