The Metabolic Road of Co-morbidities to Understanding The Pathophysiology of Heart Failure: The Role of Inflammatory Signaling Pathways in Obesity and Diabetes.

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Our picture of best treatment for heart failure is incomplete because crucial sections of the puzzle are still missing. In practice, our limited understanding of heart failure (HF) with left ventricle (LV) diastolic dysfunction (DD) means that we are still unable to develop effective treatment options for patients with this life-threatening condition. It is clear that co-morbid conditions drive myocardial remodeling and LVDD in HF, promoting a systemic inflammatory state that contributes to endothelial dysfunction, oxidative stress and modulation of diastolic function. Dr. Hamdani will talk about recent insights into the role of Co-morbidities and inflammation in HFpEF development and therapeutic options to improve diastolic function.

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