

Heart failure, diastolic

Definition: Heart failure with a preserved ejection fraction (HFpEF) is a clinical syndrome in which patients have symptoms and signs of HF, normal or near normal left ventricular EF (LVEF >50 percent), and evidence of cardiac dysfunction as a cause of symptoms (eg, abnormal left ventricular filling and elevated filling pressures). It was previously referred to as diastolic HF

DX: clinical history and the echocardiogram, evaluation for CAD, cardiomyopathy (amyloidosis?), +/- endomyocardial Bx. The major contributors to HFpEF are systolic hypertension with and without left ventricular hypertrophy, aging, obesity, diabetes, kidney disease, and coronary heart disease. Occult coronary heart disease is a common and potentially reversible cause of HFpEF

Asymptomatic diastolic dysfunction is much more common than **HFpEF**. Thus, it is important to recognize that the presence of diastolic dysfunction and an EF >50 percent does not indicate HFpEF unless the clinical syndrome of HF is present