

Endocrine dysfunction

SIADH

GHD

IGF-1

NTIS

Hypothyroidism

Hyperthyroidism

AITD

Male

hypogonadism

Menopause

Fluid retention
Dilutional hyponatremia

Diastolic dysfunction
Reduced cardiac load
Insulin resistance
Hyperglycemia (oxidative stress, metabolic shift)

Diastolic dysfunction
Reduced cardiac load

Bradycardia
Tachycardia
Hyperdynamic circulation
Oxygen consumption ↑

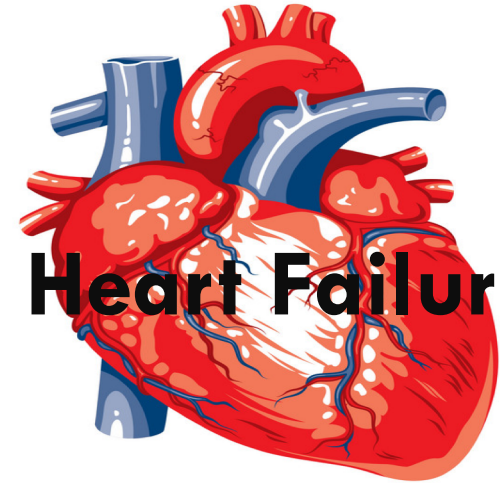
Myocardial tropism
Ischemic damage susceptibility ↑
Insulin resistance
Hyperglycemia

Myocardial hypertrophy
Insulin resistance
Angiogenesis ↓

Putative mechanisms underlying CHF pathophysiology

SGLT2i
Sacubitril/Valsartan

Proven cardiovascular benefits



Heart Failure

Vaptans (?)
Recombinant human GH
Liothyronine
Levothyroxine
Testosterone
Estradiol

Do they have potential for therapeutic use?