

Congestive Heart Failure

Ejection Fraction = Stroke volume / Total volume

Measured via Cardiac Echocardiogram

Normal - 50-70%

Borderline- 40-50%

Systolic Heart Failure- < 40%

Blood Tests in CHF

- 1) worsening renal function (reduced GFR)
- 2) hyponatremia
- 3) hypoalbuminemia
- 4) elevated serum natriuretic peptide levels (B-type natriuretic peptide) and pro-BNP