

Subject-Echocardiography

Unit-1-Topic - Brainstorm & Logic Puzzles for TTE Doppler and Cardiac Dimensions

Brainstorm Puzzle — Dimension Dilemma

You measured LV internal diameters:

- LVIDd = 50 mm
- LVIDs = 32 mm

Puzzle: Using $FS = ((LVIDd - LVIDs) / LVIDd) \times 100$,

calculate FS and decide if LV function is normal (normal FS = 28–44%).

Calculating Ejection Fraction (FS)

Using $FS = ((LVIDd - LVIDs) / LVIDd) \times 100$, calculate FS and decide if LV function is normal (normal FS = 28–44%).



Calculate FS using the formula. If FS is between 28% and 44%, LV function is normal.



1.Explain About Normal LV function?