

3D Quantification (3DQ)

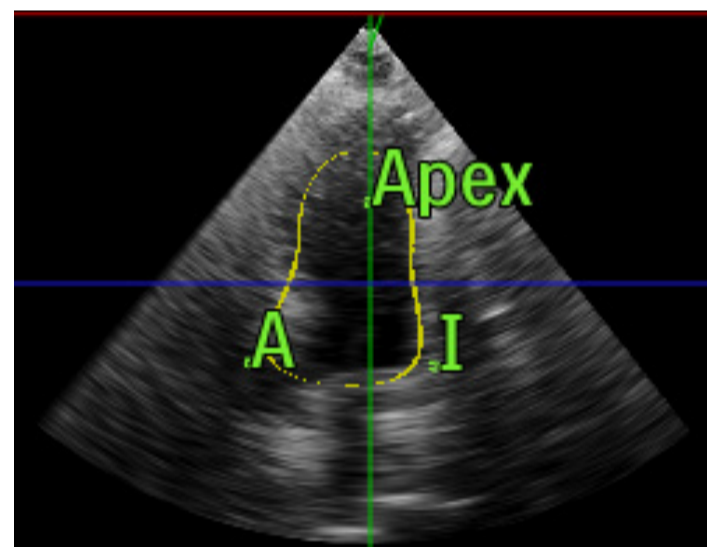
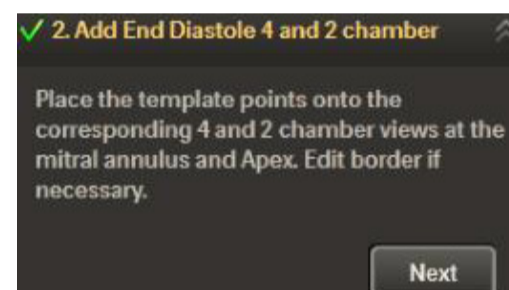
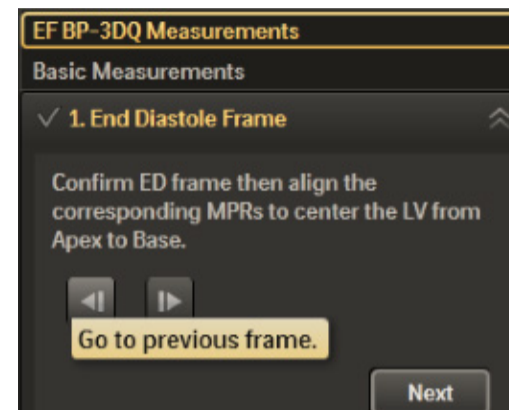
QuickGuide

3DQ Biplane Ejection Fraction (EF) Calculation

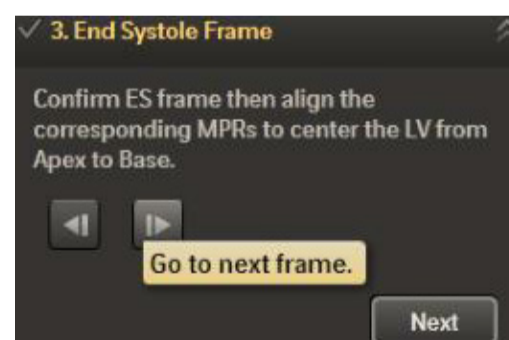
Before starting: 3DQ requires 3D data from an apical 4 chamber view with ECG.

- 1** End Diastole Frame
 - Confirm ED frame or select another frame.
 - Click **Next**

- 2** Add points to End Diastole 4 and 2 chamber
 - Place reference points at the mitral annular points and the apex in the 2 and 4 chamber views.
 - Click **Next**



- 3** End Systole Frame
 - Confirm ES frame or select another frame
 - Click **Next**



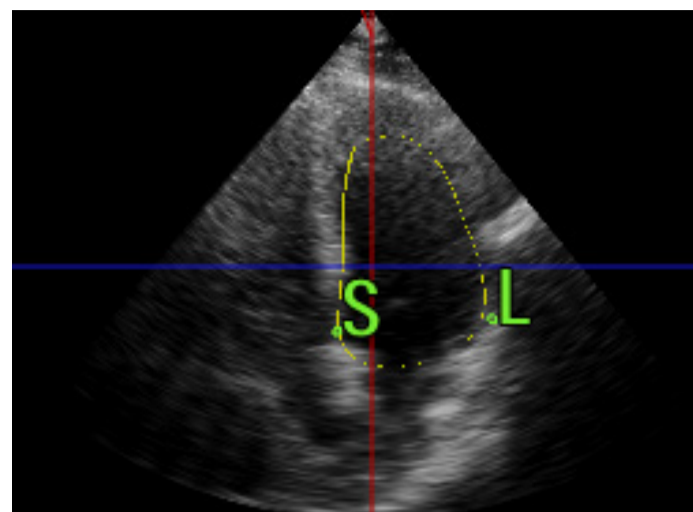
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Add points to End Diastole 4 and 2 chamber

- Place reference points at the mitral annular points and the apex in the 2 and 4 chamber views.

✓ 4. Add End Systole 4 and 2 chamber

Place the template points onto the corresponding 4 and 2 chamber views at the mitral annulus and Apex. Edit border if necessary.



After placing the template points on the end systolic frame, the results will be calculated and displayed in the Results panel on the right of the screen.

>> Results

[-] AP4 Diastolic	
4ChDIA Length	6.56 cm
4ChDIA	24.16 cm ²
[-] AP2 Diastolic	
2ChDIA Length	5.16 cm
2ChDIA	16.01 cm ²
[-] AP4 Systolic	
4ChSYS Length	4.16 cm
4ChSYS	12.85 cm ²
[-] AP2 Systolic	
2ChSYS Length	4.28 cm
2ChSYS	9.20 cm ²
[-] Volume(s)	
EDV	61.27 ml
ESV	23.66 ml
[-] Calculation(s)	
EF	61.38 %

