QLAB 10 3D Quantification (3DQ)

PHILIPS

QuickGuide

3DQ Biplane Ejection Fraction (EF) Calculation

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

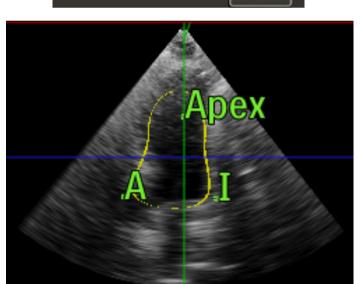


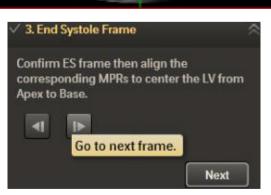
2

- Confirm ED frame or select another frame.
- Click Next

End Diastole Frame







- 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



End Systole Frame

- Confirm ES frame or select another frame
- Click Next

4

Add points to End Diastole 4 and 2 chamberPlace 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.



» Results	
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AP4 Diastolic	
4ChDIA Length	6.56 cm
4ChDIA	24.16 cm ²
- AP2 Diastolic	
2ChDIA Length	5.16 cm
2ChDIA	16.01 cm²
AP4 Systolic	
4ChSYS Length	4.16 cm
4ChSYS	12.85 cm²
- 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 %

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.



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