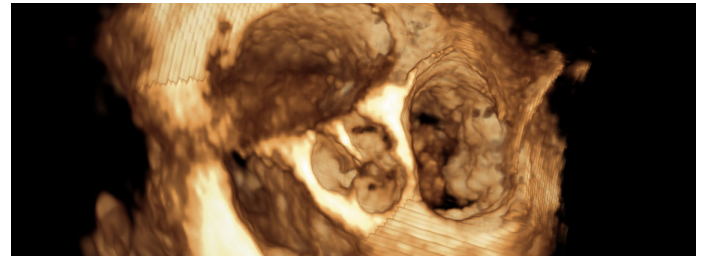


3mensio 3D TEE

Pre-op assessment of any structural heart procedure using 3D/4D TEE data

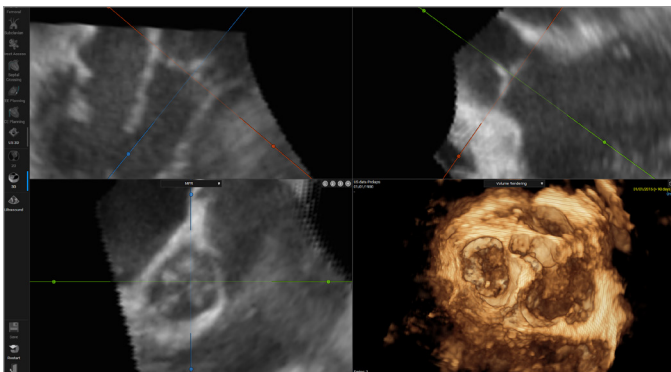
Determine cardiac anatomy and dimensions on 3D/4D TEE images. For all valvular structures and independent of your ultrasound manufacturer.



3D echo image of Aortic valve, Mitral valve, RVOT, and RV



Compatible with Philips, Siemens, and GE



3D echo viewer

Aortic, mitral, tricuspid, pulmonic, and LAA measurement toolbox

Perform a wide variety of measurements needed for your planning or follow-up:

- Length / diameter
- Polygon/perimeter
- Area / Volume
- Distance in 2D and 3D
- Angle in 2D and 3D

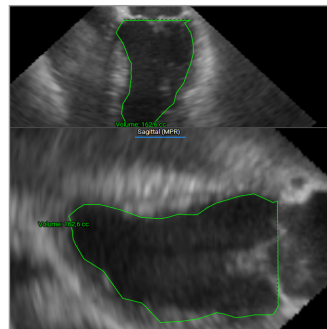
Save and restore your measurements anytime, e.g., to be shared with colleagues.

Compatible with RAW datasets from Philips, Siemens, and GE systems.

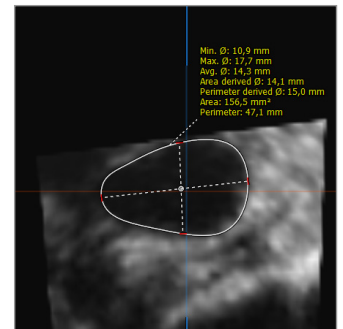
Analyze your data, off-cart and independent of the ultrasound system you are using.

3D/4D cardiac viewer

Open the data directly in the 3D viewer and reconstruct any 2D view as a region of interest. Save and restore your selected views anytime. Save videos of your chosen 2D and 3D views.

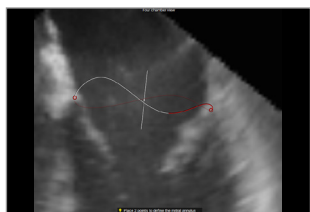


Left ventricular volume measurement

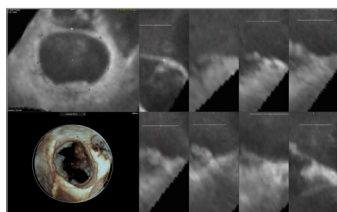


LAA Ostium measurement

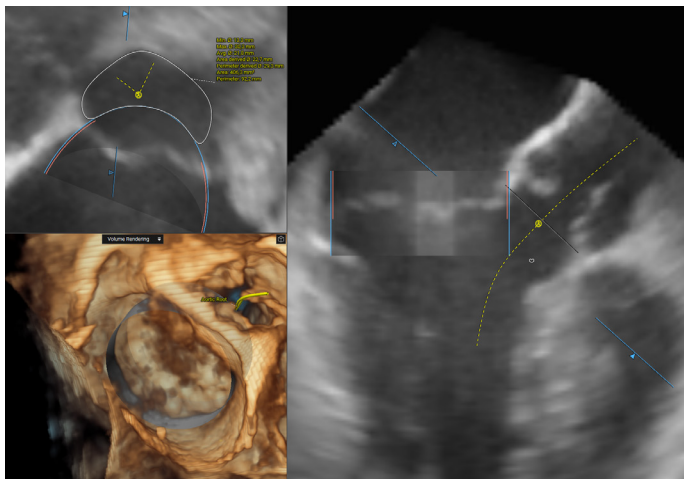
3mensio 3D TEE



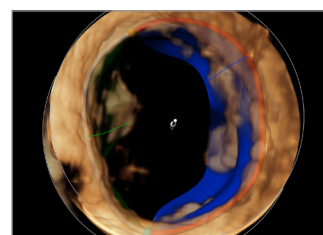
Annulus tracing



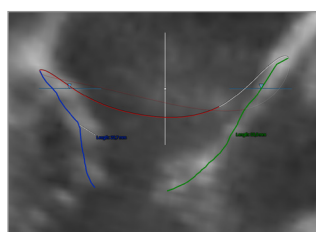
Annulus editing



Neo-LVOT measurement



Hockey puck view with traced leaflets



Leaflet lengths

The Mitral valve – in-depth

Use 3D/4D TEE for your mitral valve repair planning and patient screening for mitral valve replacement.

Annulus tracing and leaflet measurements

Semi-automatic tracing of the mitral annulus provides dimensions such as area, perimeter, AP, and CC distance. Indicate the leaflets and get insight into leaflet length, coaptation length, and tenting area/height.

Unique virtual valve implantation and neo-LVOT assessment

A virtual valve (any device) can be inserted and the neo-LVOT can be calculated using a similar approach as the assessment on MSCT.

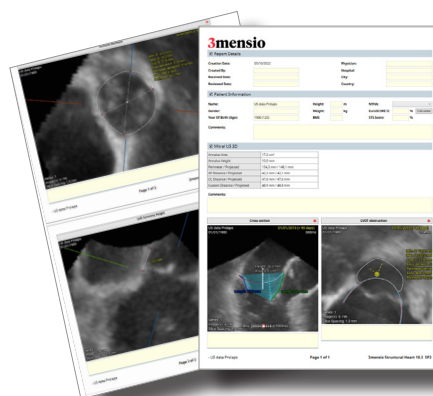
Co-registration of 3D/4D TEE with MSCT

Register the patient's 3D TEE scan with the MSCT scan for a side-by-side view and interact with the best of worlds in mitral valve screening and planning.

Reporting and session state

A complete report can be created by adding screenshots of the different measurements to the report. All the measurements in the screenshots can also be displayed in a table below the screenshot.

A session state can be stored to be re-opened at a later stage or to be shared with colleagues.



Quality Assurance:

Pie Medical Imaging develops, produces and sells products in accordance with internationally accepted standards. 3mensio Workstation is FDA 510(k) cleared and CE marked. 