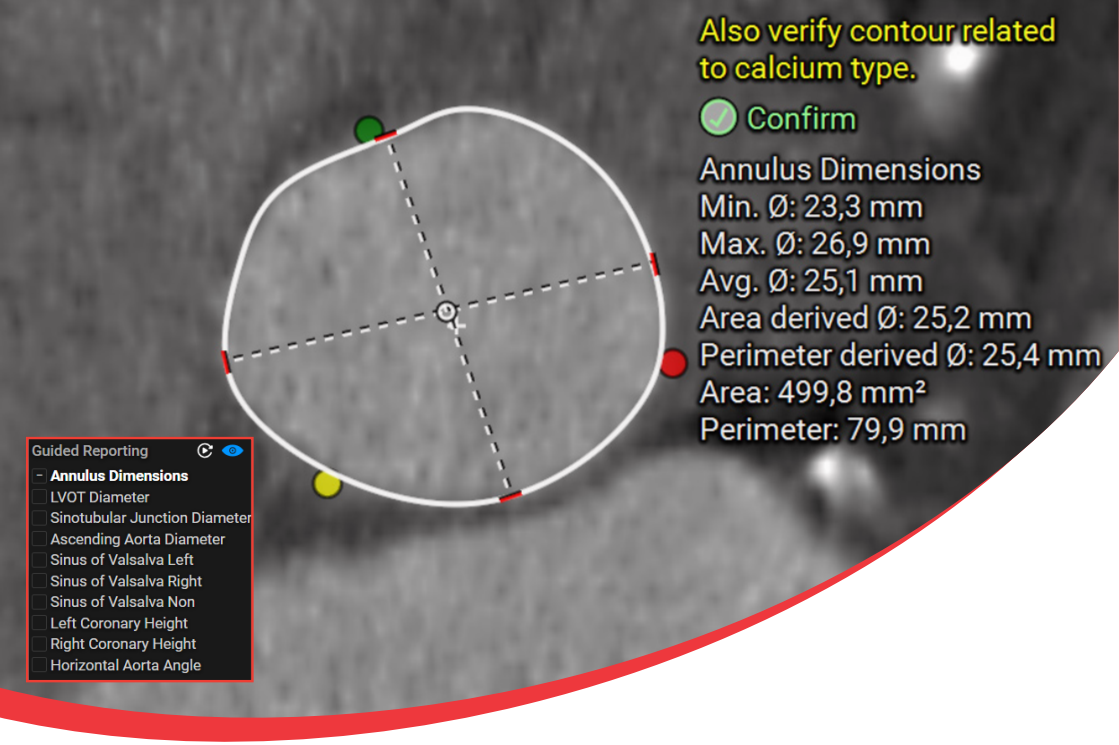
# 3mensio

## Structural Heart

3mensio is the leading solution for pre-procedural planning for all your Structural Heart interventions. Using dedicated workflows for each individual valve and LAA, any transcatheter device can be planned making use of MSCT and/or 3D TEE.

3mensio collaborates closely with key clinicians and industry partners such as Edwards Lifesciences, Medtronic, Boston Scientific and Abbott, to offer tailored solutions for clincial needs.

Do we have your interest?
Explore our full Structural Heart suite inside.



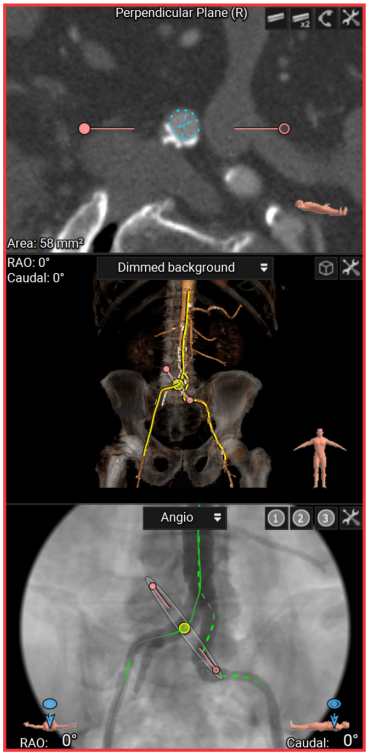

# 3mensio Aortic Valve

## Ease of use

Experience effortless TAVR pre-planning with 3mensio.

The 3mensio Aortic Valve automates valve plane definition and aortic root measurements, while offering full control for adjustments.

Plan access routes easily, perform a calcium assessment, and visualize the virtual valve placement. Choose from a variety of valve options or import your own STL.



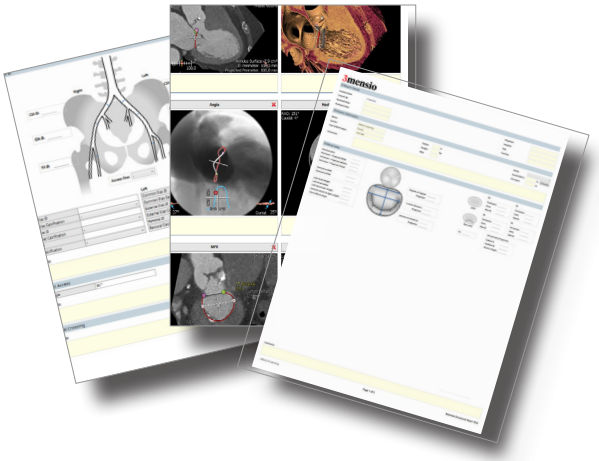
# 3mensio Mitral Valve

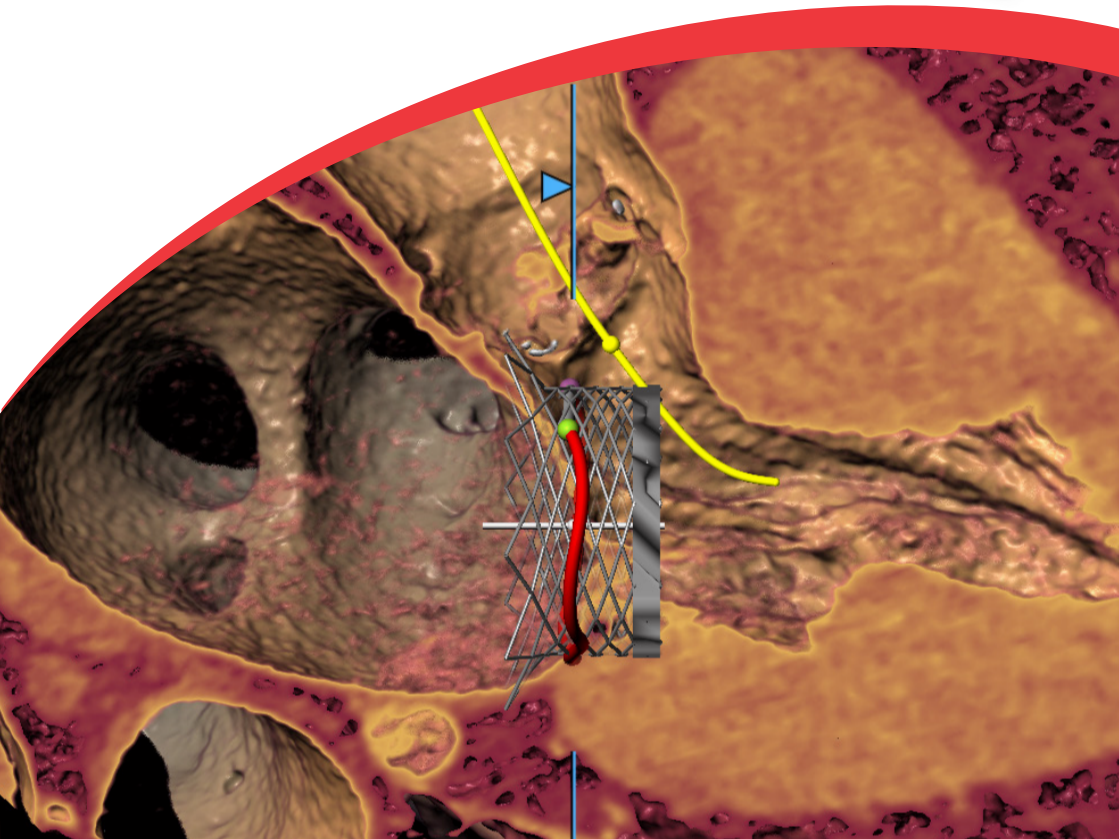
## Flexibility

Streamline your pre-planning effortlessly with automatic functionalities for tracing of the mitral annulus and neo-LVOT tracing, Ejection Fraction calculation, and volume measurement.

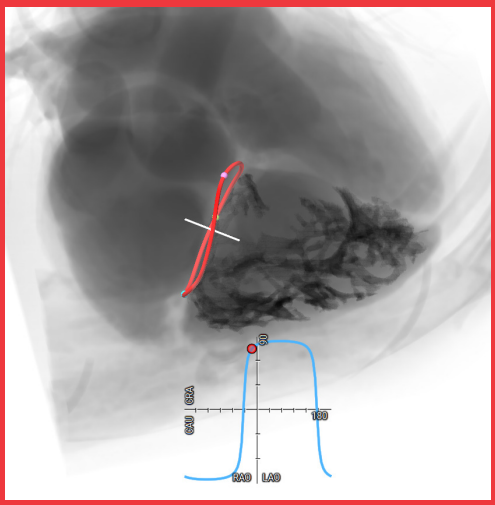
Assess the mitral valve over full cardiac cycle, visualize leaflets, and implant a virtual device to assess neo-LVOT.

Review a variety of a approach routes such as septal puncture position.





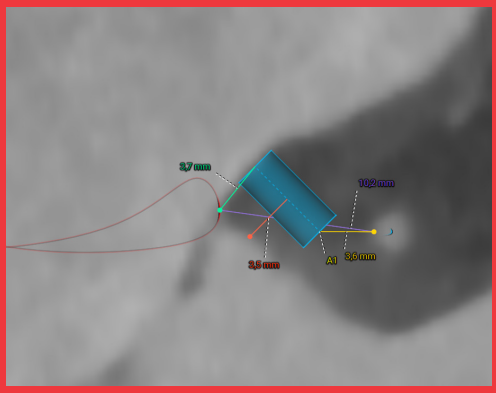
# 3mensio Tricuspid Valve



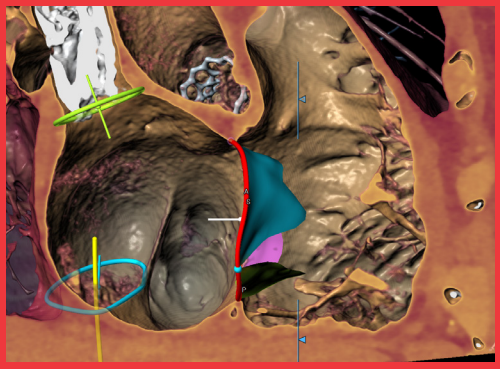

## Comprehensive

Use the Tricuspid workflow independent of your procedure, suitable for valve replacement, ViV, ViR, TEER, planning spacers or a ventricularisation of the atrium.

Visualize the trabeculae to assess the relation between the trabeculae and the implant using a virtual device.




Display valves, anchors and spacers or place markers to trace papillary stitches in 3D space.



Use the dedicated Superior and Inferior vena cava workflows for access route planning or for planning devices in the IVC and SVC.

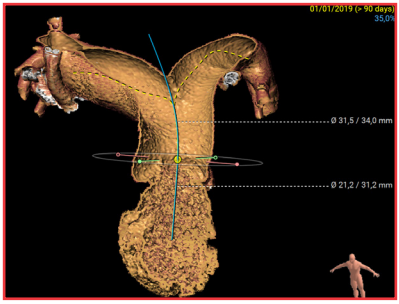
# 3mensio Pulmonary Valve

## Ease of use

The pulmonary trunk and arteries can be segmented with a single click.

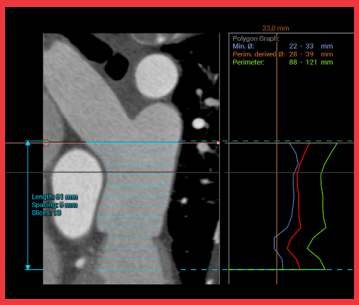
Separate analysis of the end-systolic and end-diastolic phase is available for the pulmonary trunk and arteries.

Use the automatic vessel tracing to see the relation between the coronaries and the planned implantation device.



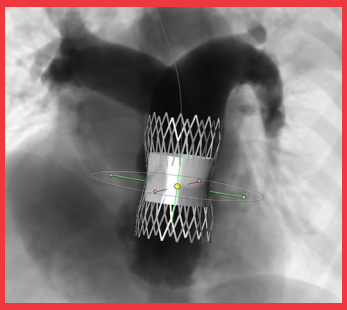

## Versatile

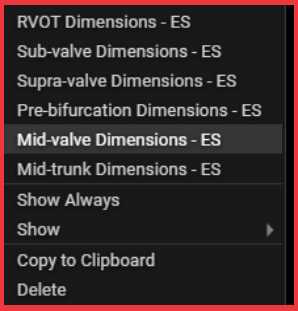
Several visualization options are available for the Pulmonary module. Use the curved sculpt viewport which allows you to look into the 3D anatomy.



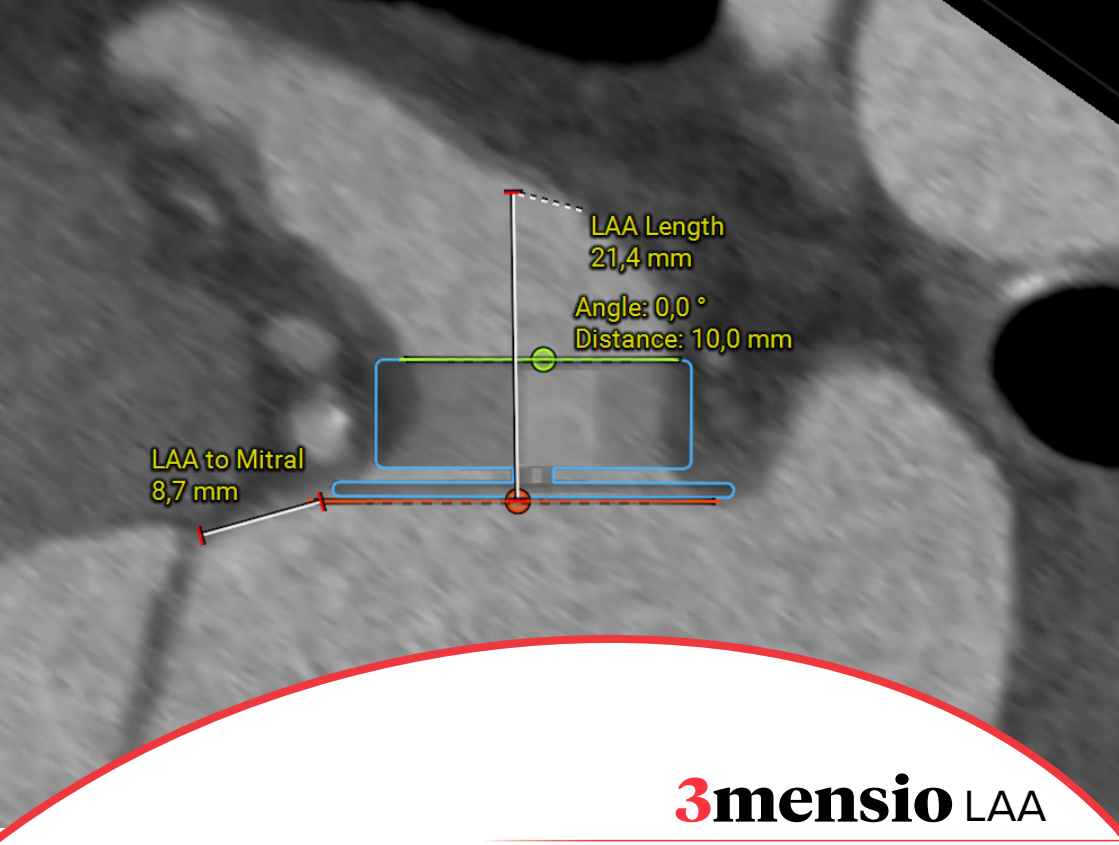

Use the automatic polygon graft tool to have a single-image overview of the pulmonary root.

Combine a virtual stent and valve to simulate the use of prestenting in combination with a valve prosthesis.






Label your measurements, which are then automatically saved to the report.




# 3mensio LAA

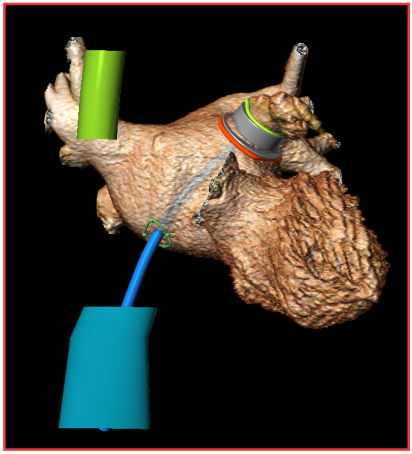
## User-friendly

Experience automatic segmentation for a rapid 3D overview and effortless evaluation of cardiac structures. Measure ostium and landing zone dimensions with ease.

## Complete

Optimize planning with our Septal crossing workflow, pinpointing key points like the interatrial septum and vessel ostia.

Utilize Plug and Disk-Lobe devices similar to market favorites, or consider a Snare Loop using the Pericardial workflow.

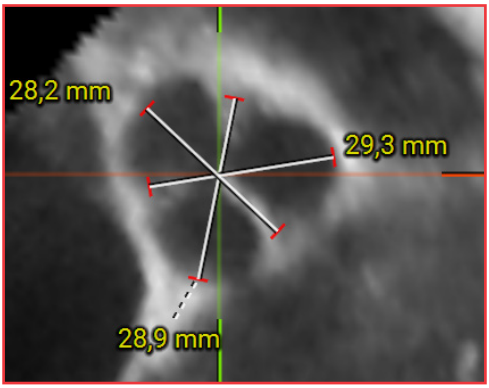


# 3mensio 3D Echo

## Complete

The 3mensio 3D Echo workflow is vendor-neutral and allows all Ultrasound data to be loaded, regardless of the echo system utilized.

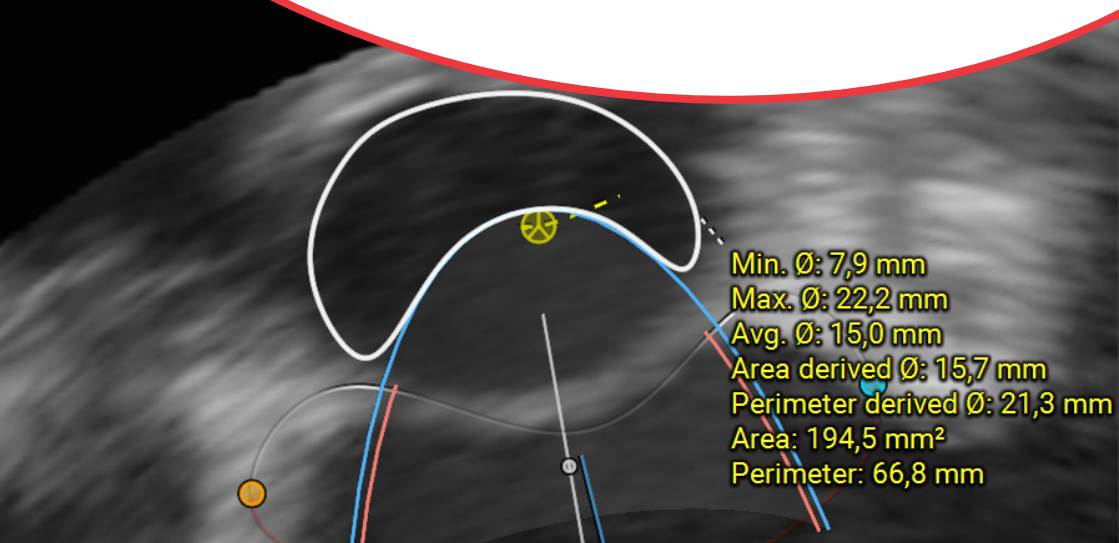
This workflow can be used for planning interventions related to all the cardiac areas.




## Accountability

For the mitral valve a dedicated workflow has been designed to trace the mitral annulus and leaflets, yielding automatic measurements for annulus dimensions, leaflet length, tenting, and coaptation.

3mensio uniquely enables direct neo-LVOT measurement on echo data, with the possibility to store all measurements in the report.



## What our customers say about 3mensio Aortic Valve

*"3mensio is not only a reliable tool that allows us to visualize the anatomy and select the appropriate device size, but also has greatly simplified the evaluation process. Therefore, we use 3mensio for the pre-procedural evaluation of each of our patients." - Lauren S. Ranard, MD*

*"Another useful feature is the automatic annular plane segmentation with the cusp detection, which is a real time saver." - Dr. Manik Chopra*

*"The combination of automatic functionalities, such as the nadir point detection, calcium volume scoring, and measurements, along with the full flexibility to alter both automatic and manual measurements at any given moment, makes this a useful tool." - Dr. Mann Chandavimol, MD*

## What our customers say about 3mensio Mitral Valve

*"The main strength of this program is its' simplicity that allows users to become familiar with the planning of structural heart procedures in a very short period of time." - Torsten Vahl, MD*

*"Bringing both 3D TEE and CT worlds together is straightforward with 3mensio." - Dr. Hani Mahmoud-Elsayed, MD*

## What our customers say about 3mensio Tricuspid Valve

*"Cardiac CT continues to play a growing role for planning of either transcatheter tricuspid repair and/or replacement." - Dr. João L. Cavalcante, MD*

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