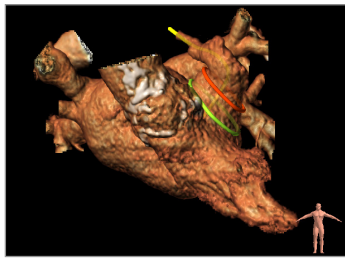


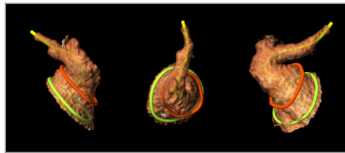
# 3mensio SH LAA

*The pre-op assessment tool for LAA occlusion*

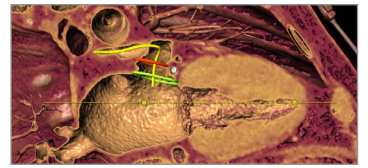
3mensio LAA is a dedicated tool for the pre-op assessment of LAA closures on CT. The advantage of CT is the high spatial resolution and the visualization of the anatomical structures surrounding the LAA. Using the software you can assess the 3D anatomy of the patient, measure the ostium and landing zone and determine an optimal projection angle. Plan the approach route with the Septal Crossing or Pericardial Access Module.



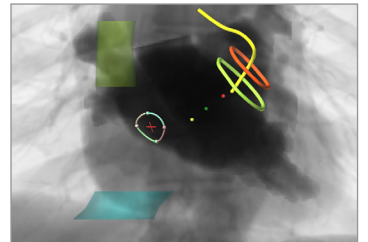
Volume Rendering Heart



Volume Rendering LAA



Intra Cardiac View



Septal Crossing



3D Volume Rendering Left Side of the Heart

## Anatomy Assessment

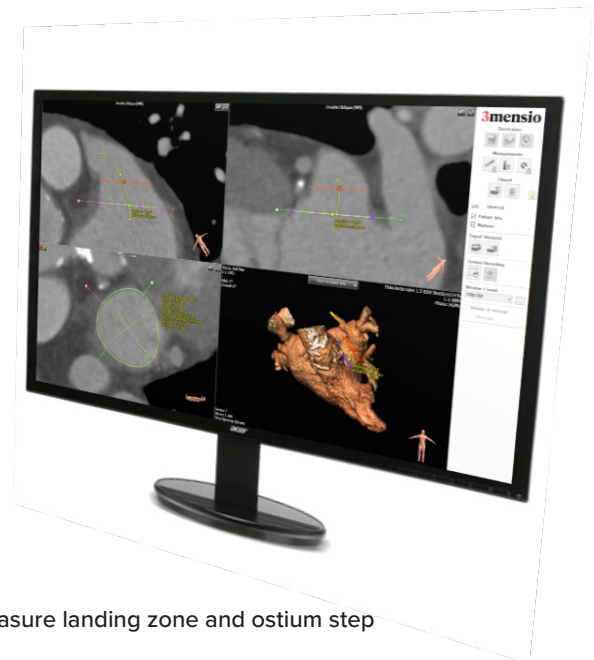
With a single click the software creates a 3D volume rendering of the left side of the heart. While rotating the volume rendering the shape and position of the LAA can quickly be appreciated. See the relationship with the left pulmonary vein and the pulmonary ridge.

## Landing zone/Ostium Measurements

Identify the landing zone and the ostium using the dedicated views. The dimensions are determined automatically. The distance and angle between the landing zone and ostium is calculated.

### Ostium/Landing zone Dimensions

- Min, max and average diameter
- Area
- Perimeter
- Area derived diameter
- Perimeter derived diameter



Measure landing zone and ostium step



Scan QR code for more information or free trial license.

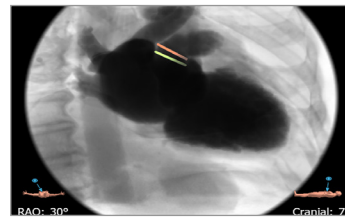
PIE  
MEDICAL  
IMAGING

# 3mensio SH LAA

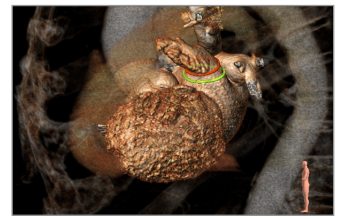
## LAA Assessment

**Optimal Projection** Use the Simulated Angio View to find an optimal projection which can help save time during the procedure.

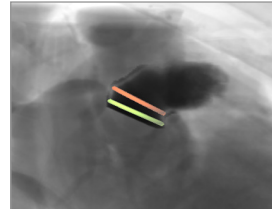
**Intra and Extra Cardiac Views** Use the volume renderings to assess the relationship with the pulmonary vein, pulmonary ridge and mitral valve.



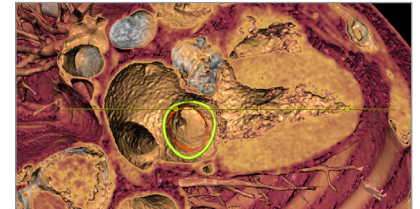
Simulated Angio View



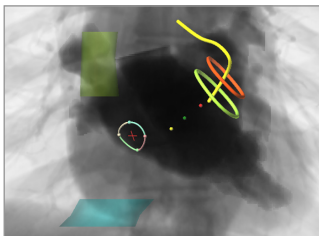
Extra Cardiac View



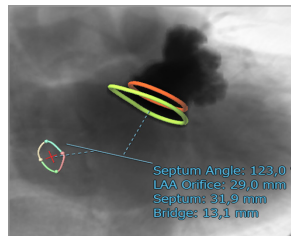
LAA contrast



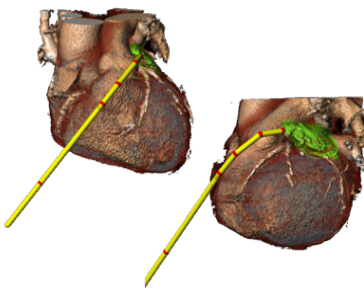
Intra Cardiac View



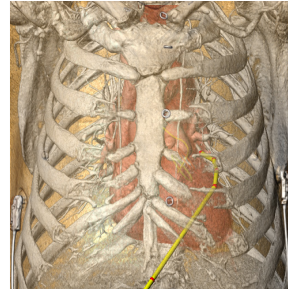
Septal Crossing



Septal Crossing



Pericardial Access



## Approach Route Assessment

**Septal Crossing** Appreciate and visualize anatomical structures of the heart on the Simulated Angio View. Structures that can be defined are the aortic valve, intra-atrial septum, superior and inferior vena cava, and LAA landing zone and ostium. The angle between the septum and LAA ostium is calculated.

**Pericardial Access** Assess the catheter path from the entry point of the patient to tip of the LAA.

## Reporting

A complete report can be created with the most important measurements shown in a summarizing infographic. Customize your report by adding screenshots of the patient anatomy, measurements and the approach route assessment.



### 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 (MDD compliant).