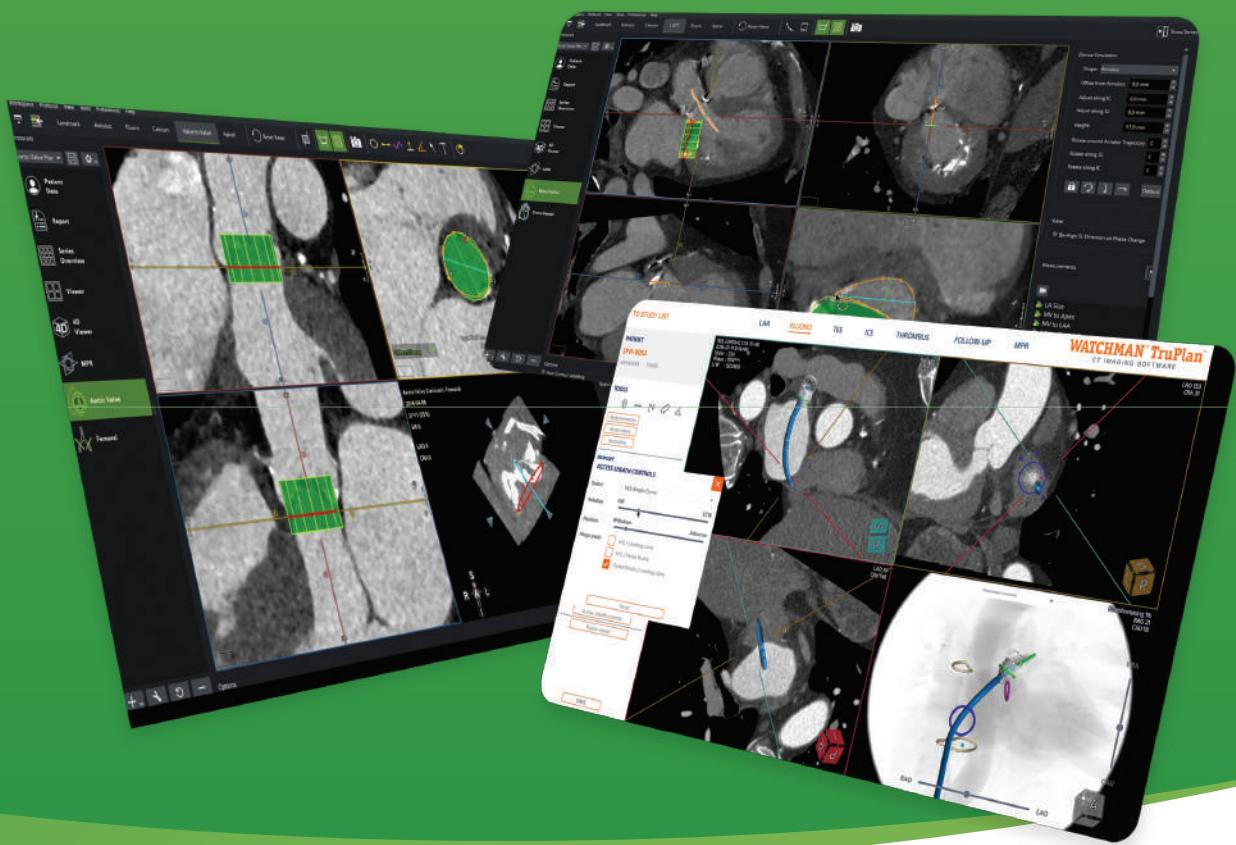


cvi42®

# Interventional Planning

Aid in preparation for Left Atrial Appendage Closure, Aortic and Mitral valve replacement with a specialized workflow for CT. Measure, visualize and report findings to make the best decisions for your patients.



For more information, contact us at [sales@circlecvicom](mailto:sales@circlecvicom)  
or scan the QR code.



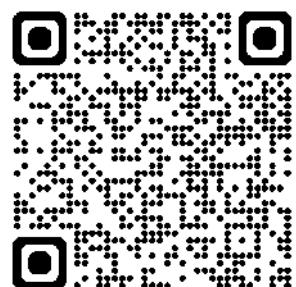
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Circle Cardiovascular Imaging



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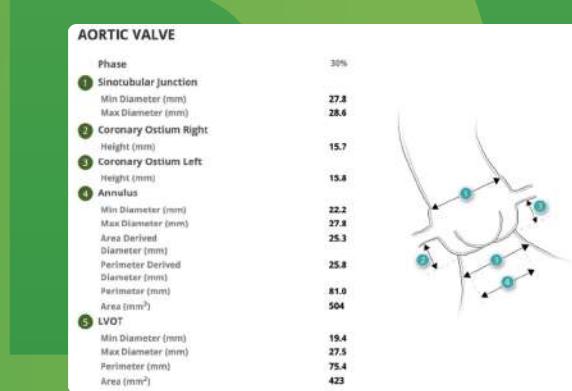
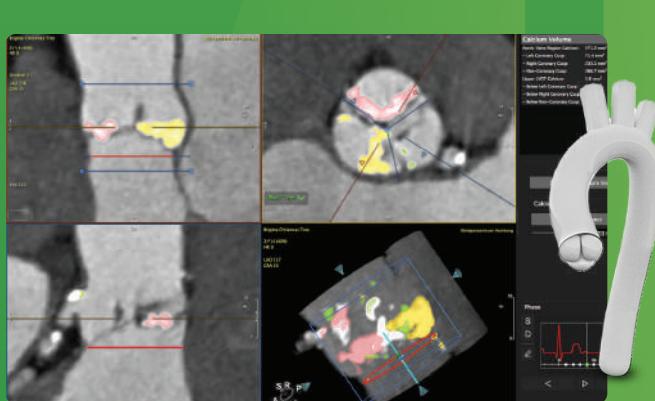
At the Heart of  
**IMAGING**

circle  
CARDIOVASCULAR  
IMAGING

Fast and efficient Structural Heart interventional planning.  
Better understanding of anatomy to predict, plan and visualize aortic procedures.

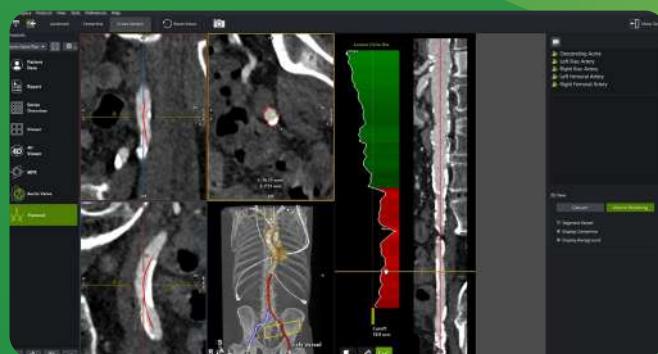
## AORTIC VALVE<sup>†</sup>

- Automated detection of aortic valve annulus cusp points
- Ability to edit and refine all automated measurements
- Automatic calculation of Ostia Heights, ST Junction, Sinus of Valsalva, Aortic Annulus
- Worklist measurements, labelled with the tags provided, will automatically be entered into an infographic in the report module
- Extensive Aortic Valve infographics
- Aorta Fluoro page & automated C-arm perpendicularity position
- Leaflet calcium volume with automatic detection based on calcium threshold, calcium volume report per cusp in aorta and LVOT
- Virtual device visualization with different shapes available, including the possibility of importing vendor specific image files
- Apical access planning



## VASCULAR ACCESS

- Semi-automated femoral centerline segmentation and reporting schematic
- Smart control points
- Centerline correction
- Centerline-based cross sectional views

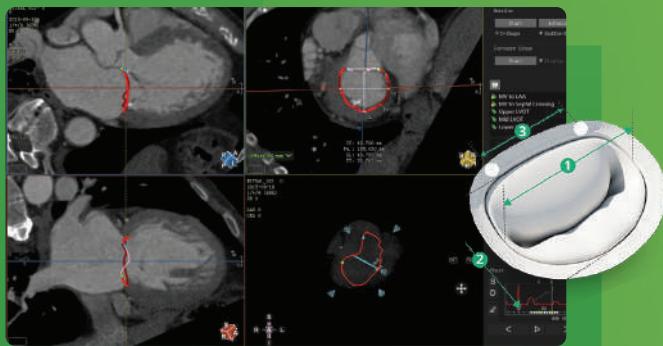


<sup>†</sup> New license required.

Fast and efficient Structural Heart interventional planning.  
Better understanding of anatomy to predict, plan and visualize mitral procedures.

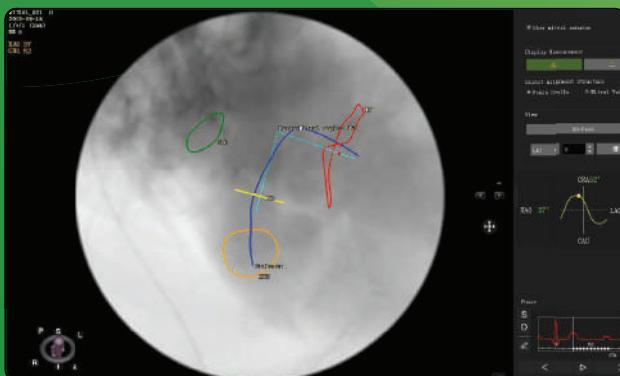
## MITRAL VALVE<sup>†</sup>

- Automated landmark detection for mitral valve center and LV apex ensures consistent reference points for accurate and reproducible cardiac measurements.
- Automated mitral annulus contouring enables fast, precise assessment of mitral valve geometry to support functional evaluation and disease detection.
- Mitral annular calcification assessment

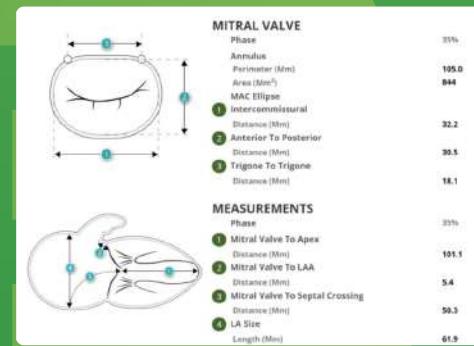


## TRANS SEPTAL

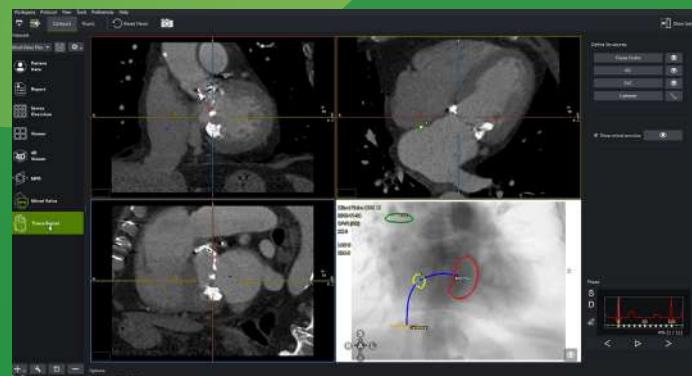
- Trans-septal access planning with distance and angle measurements
- Ability to define different structures such as fossa ovalis, superior and inferior vena cava



- Coronary Sinus definition and guide wire simulation
- Automated detection of calcium based on calcium threshold, calcium volume reported per leaflet
- Assessment of LVOT and virtual device visualization
- Fluoroscopy page
- Extensive mitral infographics
- Apical access planning



- Visualize structures in fluoroscopic simulation
- View access route from IVC to mitral valve

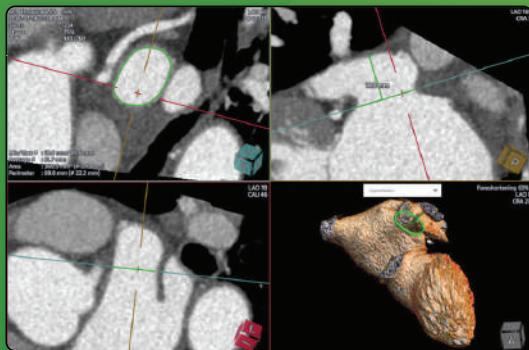


<sup>†</sup> New license required.

Comprehensive visualization and planning for interventions in the left atrial appendage.<sup>†</sup> Fast and intuitive techniques for the pre-procedural planning and post-procedural follow up.

### LAA Assessment

- Automated LAA landing zone definition
- Multiphase selection of desired phase
- Size and location of landing zone
- 3D anatomical assessment (segmentation, sculpting)
- Endoluminal view to LAA and LA



### TEE

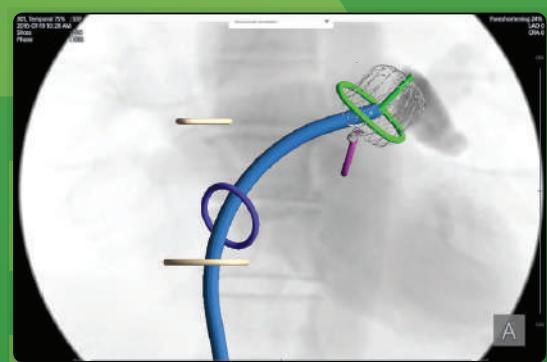
- Full functional TEE simulation
- Prepopulated TEE 0-45-90-135, bicaval and Ao short axis views
- TEE-views simulation simultaneously with fluoro and 3D
- Probe depth, probe rotation, left-right flex and anterior-posterior flex



<sup>†</sup> New license required.

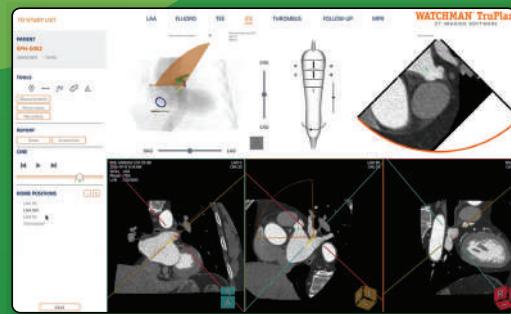
### Fluoro

- Simple, intuitive definition of Fossa Ovalis, IVC, SVC and LUPV
- Fluoro simulation of LAA and structures
- Sizing tables for WATCHMAN™ devices
- Interactive overlay of WATCHMAN™ device and access sheaths



### ICE

- Structures and measurements visible on the echo views
- ICE view simulation
- Rotation, moving and flexing of probe



Brief Summary: Indications, contraindications warnings and precautions can be found in the product labelling.

Disclaimer: Not all modules or features are available in every region. Contact your local Circle representative for all regional availability.

CAUTION: Federal law (USA) restricts these devices for sale by, or on the order of a physician. The system is intended for use only by trained Healthcare Professionals.