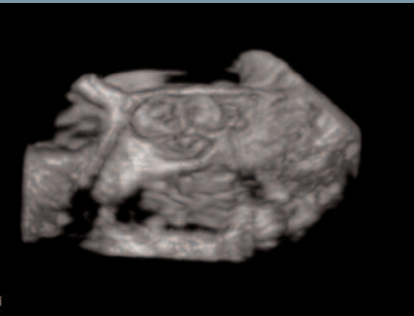


# At the Heart of Cardiac Imaging

## REAL SOLUTIONS

Understanding challenges  
Providing answers  
Improving outcomes



Providing a thorough, detailed 3D display of cardiac structure and function, *syngo*® *fourSight*™ TEE view is an ideal compliment to traditional TEE assessment. This advanced cardiac ultrasound solution equips physicians with the complete picture they need for enhanced medical management and treatment planning. Available at the point of care and off the system, *syngo fourSight* TEE view is designed with the surgeon's needs in mind. With the ability to interrogate complex anatomy, *syngo fourSight* TEE view optimizes patient outcomes.

### Highlights

#### Convenient

- No single purpose 3D transducer required
- The V5Ms transducer enables rapid acquisition of 2D data sets supporting 3D image reconstruction
- Features 3D image reconstruction and display on and off the system with the same intuitive interface

#### Empowering

- Enables 3D visualization of anatomical structures, their spatial relationships, and blood flow
- Features 3D "en face" display, 2D and color Doppler display with measurement capabilities
- Calculates 3D hemodynamic volumes, area calculations, and basic distance measurements
- Ability to analyze and interrogate anatomy from unlimited perspectives
- Ability to overlay anatomy and hemodynamic information in the display
- Can provide visual confirmation of surgical repair prior to chest closure

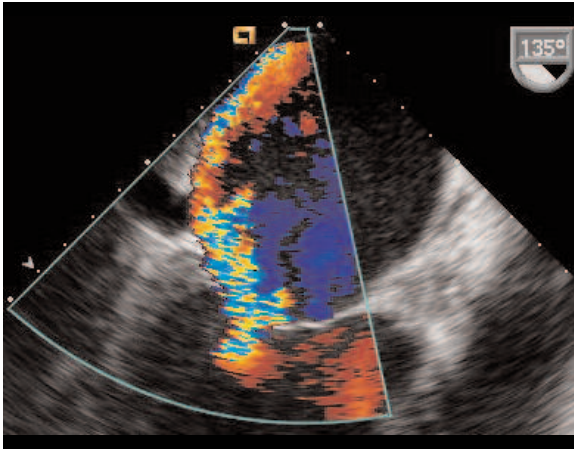
#### Intuitive

- Easy to use
- Dart↑ navigation tool facilitates easy spatial orientation of cardiac anatomy for 3D reconstruction
- Workflow easily integrates into established TEE/OR imaging protocols

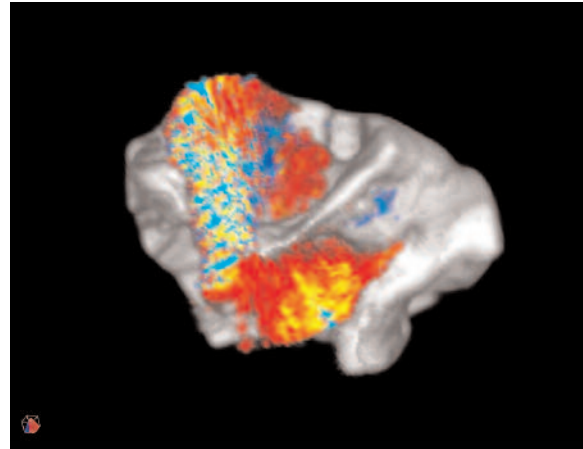
***syngo fourSight* TEE view**  
Providing the complete cardiac picture

[www.siemens.com/medical](http://www.siemens.com/medical)

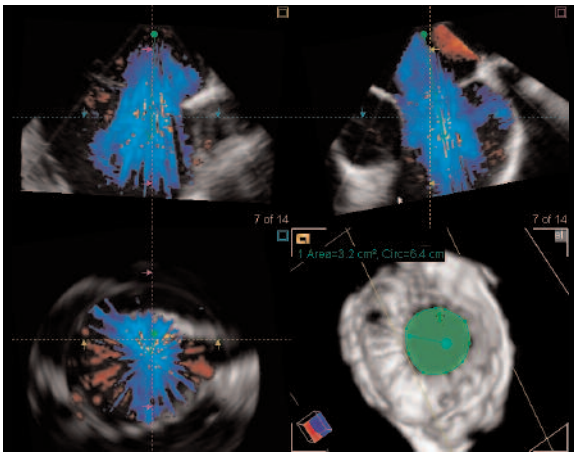
**SIEMENS**  
medical



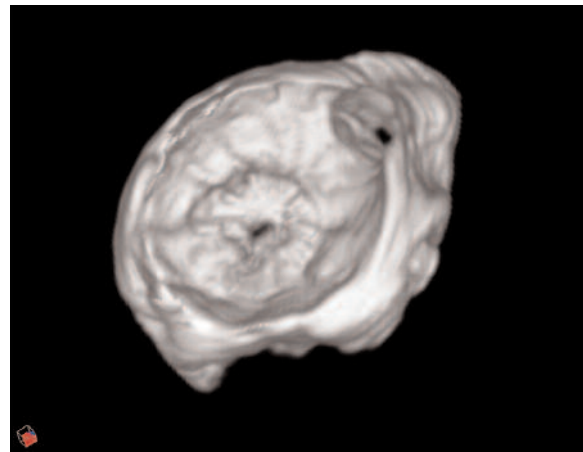
- Standard TEE view of mitral valve prolapse with regurgitation.



- Corresponding 3D view displaying the full volume of the MR jet.



- Three MPR's outlining the orientation of the reconstructed ASD.



- En face view of a stenotic mitral valve displaying limited leaflet excursion.