

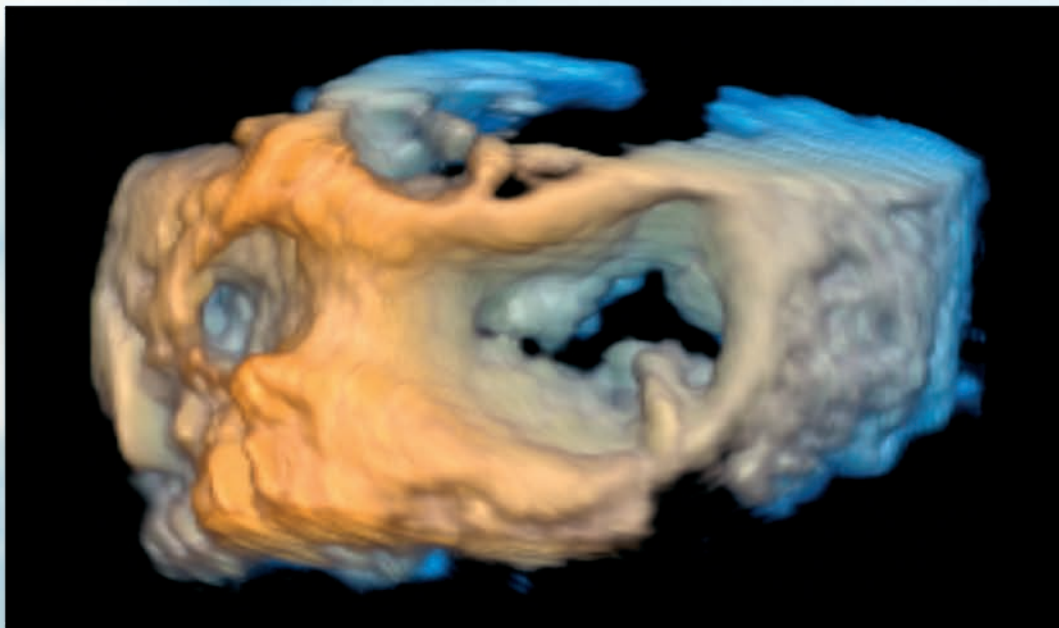
4D CARDIO-VIEW™



CARDIOLOGY

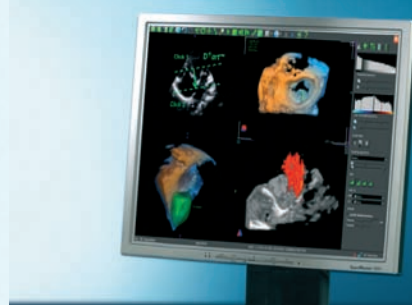
Two clicks

One 3D-Result



Intuitive and Vendor Independent
Solution to Review and Analyze 3D Echo Data



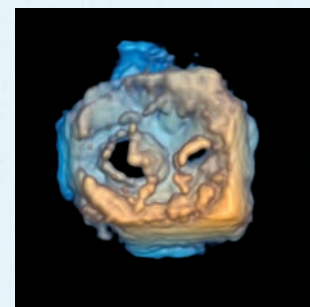
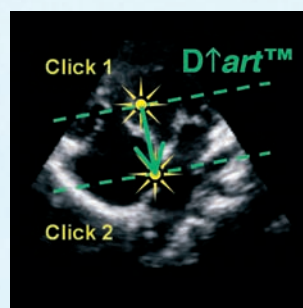


4D CARDIO-VIEW

The 4D Cardio-View™ software is a vendor independent offline solution to review and analyze 3D echo data. It can read most 3D formats from 3D ultrasound vendors. It offers the possibility to analyze, report and archive 3D ultrasound from multiple ultrasound systems on one platform and database. 4D Cardio-View™ features the unique navigation tool D↑art™ that allows you to generate your preferred 3D view with just two mouse clicks. Even complex cardiac morphologies can be completely visualized in one 3 dimensional view. In addition measurements like the maximum diameter or area of a septal defect can be performed. Cardio-View™ offers leading edge image quality and a choice of review modes based on clinical findings. All measurements and views are stored as bookmarks for an easy retrieval at any time.

Navigation tools to evaluate complex cardiac structures:

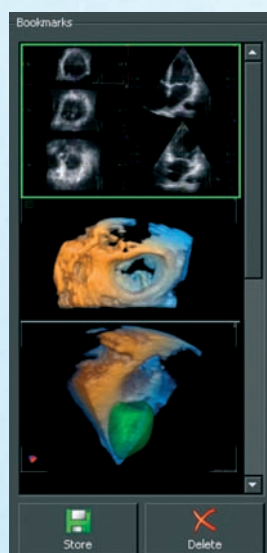
- Unique navigation tool D↑art™ with auto cropping
- Display any 3D view with just two clicks
- MPR navigation with reference image (LOI)
- 3D landmark system to support navigation and interpretation in complex views
- Optimal presentation of clinical cases based on various display modes
- Real time 4D rendering of b/w and color doppler data
- High quality 3D color coded display to improve depth perspective



Single ventricle

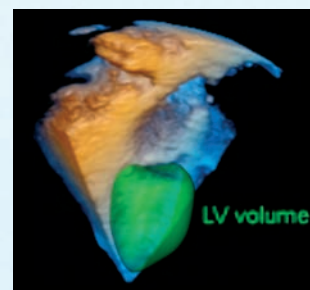
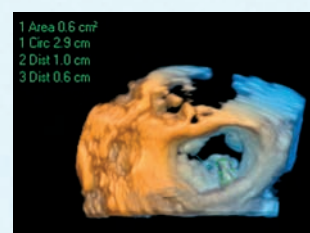
Bookmarks and export:

- Bookmarks of MPR and 3D views with easy drag and drop retrieval
- Export of BMP and AVI files to target directory for presentation purposes
- Export in DICOM format to view results on existing CPACS.



Advanced quantification:

- 3D measurements for distances, areas, angles and free curves for e.g. detailed information about location, size and shape of a MV prolapse
- 3D volume measurements of any cardiac structure (atrium, ventricle, mass)
- 3D LV mass calculations of myocardium
- Fusion of 3D volume object with 3D reconstruction



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