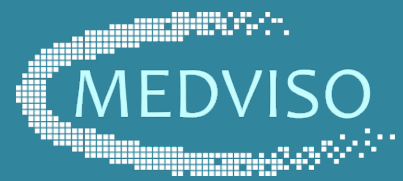
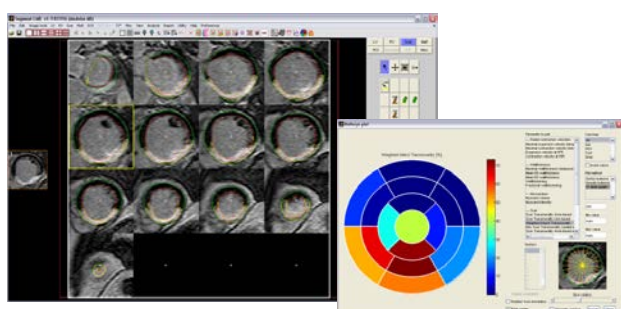
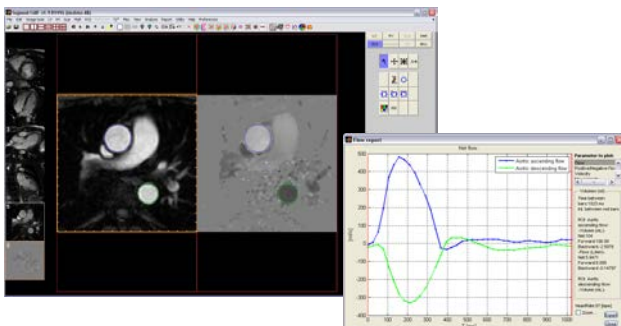
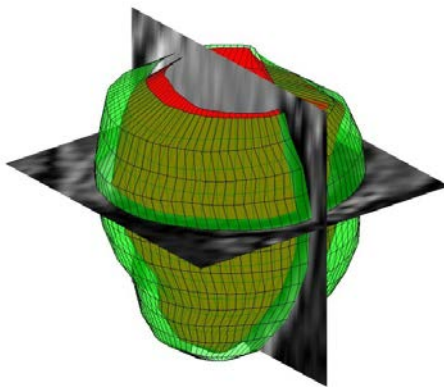
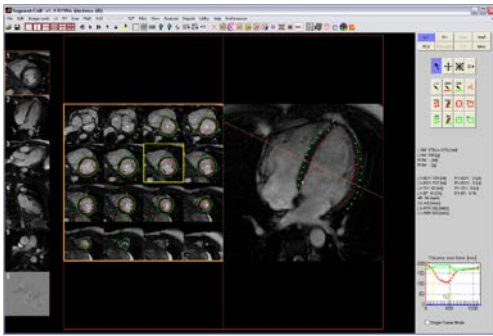


SEGMENT CMR

- Features



Segment CMR is an CE-marked and FDA approved validated vendor independent software for analysis of cardiovascular magnetic resonance images.



Viewing

- Ease of use
- Multi panel
- Synchronized cine loops

Automatic Segmentation

- Fast, accurate and reproducible
- Fully automatic LV segmentation
- Semi-automatic RV segmentation
- Easy manual interaction tools
- Include or exclude papillaries

Global function

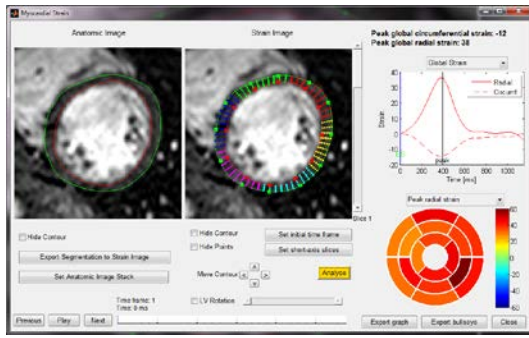
- Ejection fraction
- End-diastolic volume
- End-systolic volume
- Myocardial mass
- Cardiac output
- Stroke volume

Flow

- Automatic vessel tracking
- Flow quantification
- Regurgitant fraction analysis
- Shunt analysis
- Eddy-current compensation

Viability

- Fully automated segmentation
- Partial volume effect compensation
- Extensively validated
- Transmurality as bullseye plot



Regional function

- Strain from cine by Feature Tracking
- Strain from tagging images
- Strain from velocity encoded images
- Wall thickness
- Wall thickening
- Bullseye plot in 17 segment model

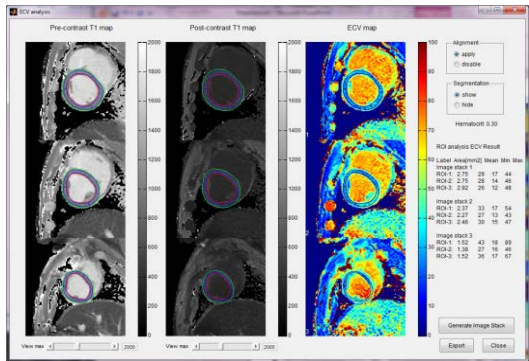
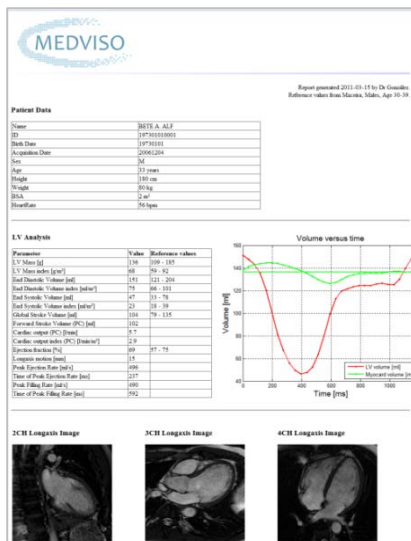


Image analysis

- T2* analysis
- ECV analysis from T1 maps
- Perfusion analysis
- Signal intensity analysis



Loading possibilities

- Advanced DICOM reader
- Integrated patient database
- Integrated PACS connection
- Plugin to Sectra PACS

Report function

- Include optional quantification results
- Images
- Reference value
- Comments by reviewing doctor
- Adjustable for your clinic

REGULATORY STATUS

SEGMENT CMR bears the CE marking of conformity and is certified according to the ISO 13485 standard. SEGMENT CMR is FDA 510(k) approved with device number K163076.

Medviso AB was founded in 2007 by Associate Professor Einar Heiberg as a spin-off from research at Lund University Sweden.

www.medviso.com
 info@medviso.com
 Phone: +46-76-1836442

Medviso AB | Griffelvägen 3 | SE- 224 67 Lund | Sweden

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 WWW.MEDVISO.COM