

Medis Suite MR

Cardiac diagnostics made **simple.**



A comprehensive,
time-saving and validated solution
for Cardiac MR post-processing

Medis Suite MR

Anatomy

Visualize congenital abnormalities, irregular heartbeats, and myocardial thickening effortlessly with our 2D and 3D viewer.

Heart Function

Evaluate the heart function by measuring volumetric data and strain analysis to assess cardiac performance and detect abnormalities.

Flow Analysis

Gain valuable insights into the patient's condition by assessing blood flow in both 2D and 4D. Leverage powerful 4D data visualizations to enhance consultations.

Tissue Characterization

Identify the underlying disease behind reduced cardiac function through comprehensive analyses, providing a holistic view of the condition.

The **benefits** of using Medis Suite MR

Proven Accuracy

- Enhance accuracy, reduce operator variability and ensure early detection of heart disease thanks to the automatic Deep Learning contouring in all chambers, through detailed LV, RV, and Atria volume and strain assessment.
- Ensure accurate T1 mapping, and enhance tissue characterization with Automatic Motion Corrected Maps.

Streamlined Workflow

- Consolidate tasks, save time, and streamline workflow with the All-in-One solution.
- Minimize training time and maximize focus on patient care thanks to the intuitive interface
- Facilitate smooth data transfer and collaboration as Medis Suite MR seamlessly connects to your scanner, PACS, and reporting system.

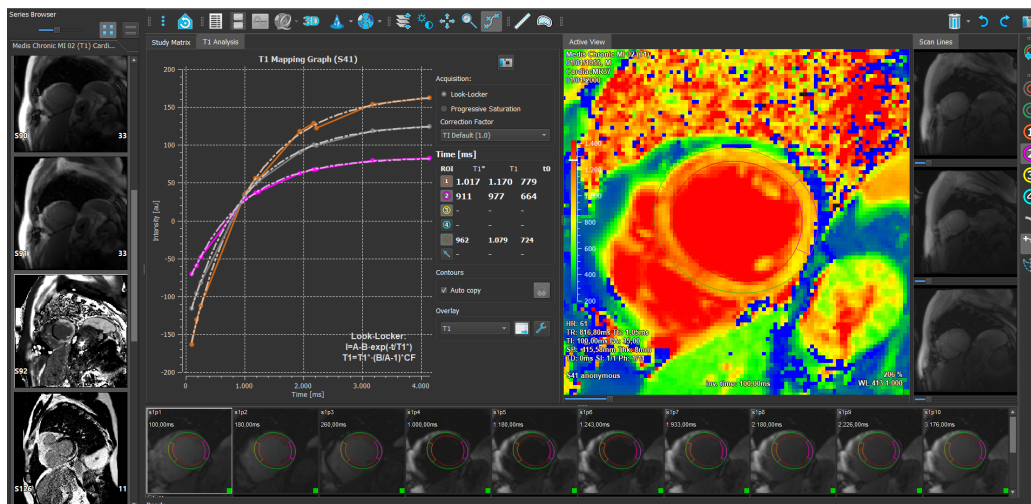
Powerful AI

- Achieve complete analysis in just a few minutes through automatic series detection and contouring, leveraging the power of our advanced AI to streamline complex processes efficiently
- 1-click "clinically approved" Strain analysis
- Visualize 4D Flow in just a few seconds

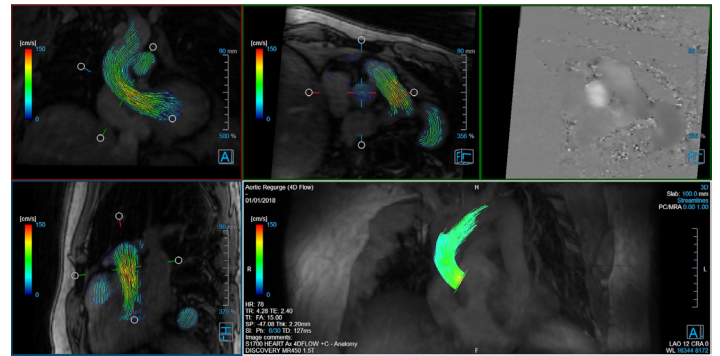
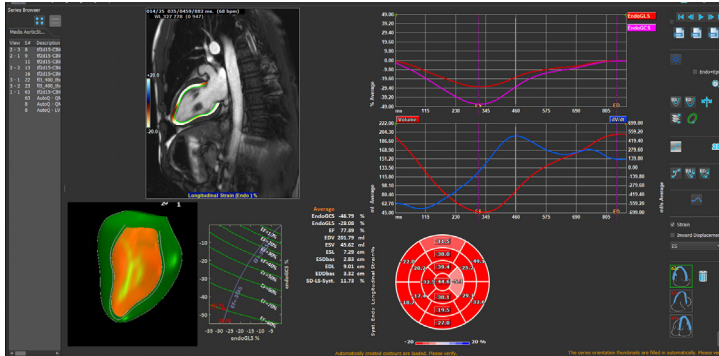
Innovative

- Gain advanced insights, both in clinical and research settings thanks to innovative parameters like Inward displacement, Hemodynamic Forces¹, and non-invasive PV loops¹.

¹Research Edition, for investigational purposes only



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Proven Accuracy

Trusted globally & supported by over 1500 studies, Medis Suite MR delivers accurate measurements for both heart and greater vessels, enhancing clinical decision-making.



AI-driven Efficiency

Automated AI contour detection speeds up your process, without requiring manual series selection.



Continuous Innovation

Unique innovative parameters such as Hemodynamic Forces, Inward Displacement and PV loops, exclusive to Medis Suite MR.



Integrated Diagnostic Workflow

The robust integrated all-in-one platform combines viewing, advanced analyses, and reporting into one easy workflow, enhancing usability and efficiency.

The **key analyses** of Medis Suite MR

Anatomy

- MR visualization in 2D & 3D

Heart Function

- Myocardial function analysis
- Deformation analysis by Strain and inward displacement
- Hemodynamic Forces¹
- Non-invasive PV loops¹

Flow Analysis

- 2D & 4D Flow analysis

Tissue Characterization

- T1 Mapping and Extracellular Volume ¹ (ECV)
- T2 and T2* analysis
- Infarct size quantification
- Cardiac perfusion quantification

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What's new in Medis Suite MR

Enhance your diagnostic efficiency

- Advanced workflow automation powered by AI
- Single-Click Functional and Strain analyses to efficiently perform routine analyses, reducing time spent on repetitive tasks.
- Precise and reliable LGE quantification leveraging AI-driven myocardial contours.

Refine valve tracking with 4D Flow

- Automated Mitral Valve Tracking to accurately assess mitral valve flow and regurgitation, ensuring precise evaluations directly from your workflow.

Stay updated with the latest Normal Values

- Select the normal values featured in the most recent papers, complete with a smart filter for selection based on age and sex, ensuring you have the most relevant and current reference points for your assessments.

Seamless system upgrades

- Future releases are automatically deployed from the server machine to all other workstations, significantly reducing the need for local IT support and minimizing system downtime.

What **experts** say about Medis Suite MR

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Medis Suite MR has increased our ease of use, saved us a lot of time and consequently increased the quality of clinical reporting.

Prof. Robin Nijveldt | Radboud UMC, Nijmegen, the Netherlands



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“The Medis machine learning with AutoQ-contours is absolutely fantastic real game changer and a huge time-saver.”

Dr. Russell Bull | Royal Bournemouth Hospital, UK



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“Medis has always been very responsive to our needs and requests.”

Mimount Bourfiss, MD, UMC Utrecht, the Netherlands



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“Medis Suite MR is our primary solution for reading CMR studies. Medis provides reliable and easy to use tools. We review cases with the team each day and find the viewer extremely valuable for these review sessions.”

Dr. Raymond Kwong | Harvard Medical School, Boston, USA



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“The new Medis Suite has added to the proverbial strength of this software, that is the friendly interface, a more articulated flexibility which allows an easy and comprehensive assessment of cardiac images.”

Prof. Massimo Lombardi | Policlinico San Donato, Milan, Italy



Legal Statements

Medis Suite MR is based on image processing algorithms, developed at the Division of Image Processing, Department of Radiology, Leiden University Medical Center, the Netherlands.

Medis is a registered trademark of Medis Associated BV.

Medis Suite MRCT has market authorization in the EU, US, UK, Switzerland, Australia, Japan, Korea and Canada.



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