

# Medis Suite MR

## Cardiac diagnostics made **simple**.

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

### Anatomy

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

### Heart Function

Assess the heart's current condition by analyzing its systolic functions, which are determined using volumetric data

### Flow Analysis

Gain valuable insights into the patient's condition by assessing blood flow in the greater vessels.

### 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

- Consolidate tasks, save time, and streamline workflow with the All-in-One solution
- Enhance accuracy, and reduce operator variability thanks to the automatic Deep Learning contouring in all chambers
- Gain advanced insights, both in clinical and research setting thanks to Innovative parameters like Inward displacement & Hemodynamic Forces (Research Edition)
- Early detection of heart disease thanks to a detailed assessment of LV, RV and Atria with Strain analysis
- Visualize 4D Flow in just a few seconds
- Ensure accurate T1 mapping, and enhance tissue characterization with Automatic Motion Corrected Maps
- Optimizes usability by customizing your setup
- Facilitate smooth data transfer and collaboration as Medis Suite MR seamlessly connects to your scanner, PACS and reporting system
- Minimize training time and maximize focus on patient care thanks to the intuitive interface



## The **key analysis** of Medis Suite MR

- Myocardial function analysis
- Deformation analysis by Strain
- 2D & 4D Flow analysis
- Infarct size quantification
- Cardiac perfusion quantification
- T1 Mapping analysis
- T2 and T2\* analysis
- MR visualization in 2D & 3D
- Inward Displacement
- Hemodynamic Forces (Research Edition)

## What's new in Medis Suite MR

### Deep Learning in all cardiac chambers

- Deep Learning Contours for all cardiac chambers in the LAX and improvements for RV in the SAX to reduce analysis time.
- Automation to the RV, LA and RA strain workflow.

### LA and RA Strain

- Dedicated modules created for LA and RA Strain to optimize the workflow and reporting

### Latest normal values

- The most recent normal value papers have been added for you to select from, along with a smart filter based on age and sex.

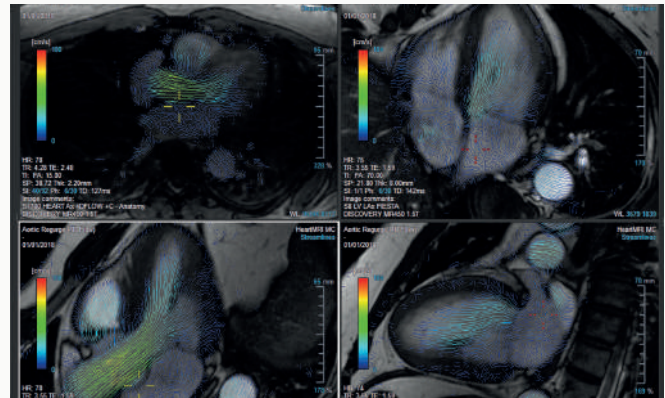
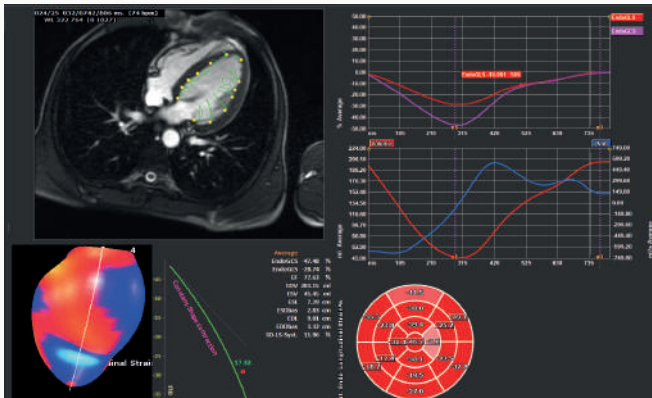
### Legal Statements

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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### Proven Accuracy

Validated results from over 1500 papers, applicable for the heart and greater vessels to quantify clinical decisions.



### Powerful AI

AI contour detection to speed up your process without requiring manual series selection



### Innovative

Groundbreaking innovative parameters such as Hemodynamic Forces and Inward Displacement.



### Robust Platform

The robust Medis Suite platform combines viewing, advanced analyses, and reporting into one easy workflow.

## What **experts** say about Medis Suite MR

“

“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



“

“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



“

“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



“

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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