Segment CMR

Clinical software solution for quantitative CMR analysis

Segment CMR is an intuitive and powerful software for advanced quantitative CMR analysis that meets the highest clinical demands in terms of robustness and reliability.

It provides you with reliable and extensively validated methods of analysis, that increases the confidence of cardiovascular diseases diagnosis. The software is equipped with variety of easy to use automatic tools to improve your daily clinical workflow and to create the optimal work environment regardless of your experience.

What does it do for you?

- Saves your time thanks to deep learning algorithms for quick and exact contouring
- Make a complete CMR analysis in a few minutes thanks to optimised workflow
- One solution to cover the whole range of cardiac MR analysis - reducing the number of software solutions you need
- Improves patient outcome by empowering you with the latest research tools adapted to clinical practice
- We offer flexible license terms adapted to your needs. You can build up software in steps from basic to fully advanced solution.
- We support you in every step so you can focus on providing the best healthcare for your patients

Features for comprehensive CMR analysis

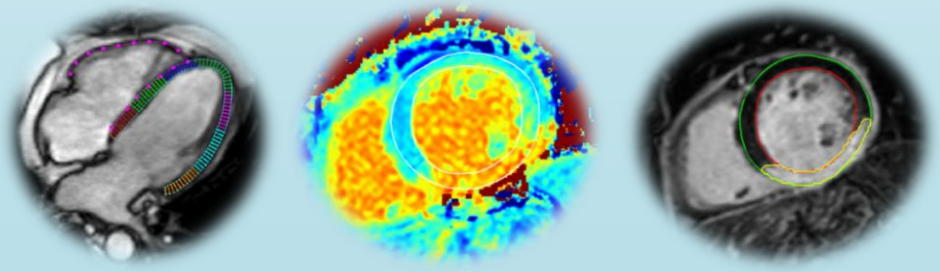
In Segment CMR you find a complete set of analysis methods fully covering your clinical and research needs like:

Ventricular analysis: Quantification of volumes and strain for the LV and RV. Deep learning methods provide you with fast and reliable segmentations, while Strain analysis with the highest reproducibility on the market enhances your final diagnose with robust and trustworthy strain markers.

Tissue characterisation: T1/T2/T2*/ECV quantification for commonly used MRI sequences and multiple signal models. Automatic and throughout validated viability analysis and myocardial perfusion analysis gives you a full picture of the pathology and strengthens your clinical evaluation of cardiovascular disease.

Valve and flow analysis: 2D Flow quantification with automatic vessel tracking with different types of eddy-current compensations and phase unwrapping. Shunt and valve analysis together with QP/QS and Pulse Wave Velocity analysis help you to broaden the assessment of blood flow parameters.

All results can in a flexible manner be combined in a clinical report.



Trustworthy quantification

Validation is the key for getting robust and trustworthy measurements. Segment solutions are constantly evaluated by researchers all over the word and used in over 800 peer reviewed publications. Close collaboration with the top researchers in the field makes our analysis methods continually updated and state of the art.

Put you in focus

We understand that powerful and fruitful collaboration requires constant and dedicated work, that's why our software support provides you direct assistance. We do not leave any email from you without reply and proposed solutions.

We value listening to our users and providing customised solutions. You are important to us, regardless if you work in small or large clinic or have an individual practice.

Customer testimonials

- "I have been a Medviso users for almost 15 years. This software is very flexible and the technical support superb! I can recommend it for anyone interested in quantification."

Jan Engvall, Professor
Linköping University Hospital, Sweden

- "We have been using Medviso products since 2011 (currently, it is Segment CMR with strain module). As end-users, we appreciate the fact that Segment CMR package is evolving. New features are being added and the UI is continuously optimized. Working with Medviso is an entirely positive experience."

Karolina Dorniak, MD, PhD
Medical University of Gdansk, Poland

MEDVISO

We empower healthcare and researchers to make a difference.

Together we share knowledge and innovate tools that bring the latest research to clinical practice. We take your needs seriously and support you in every step.

Medviso is a Swedish medical technology company that make medical software; assist you with software development, regulatory affairs, anatomical modeling, and software free for research.

Our mission is to take the latest research to clinic

Welcome to be part of the community!