

LA/RA STRAIN AND AUTOMATIC CMR PROCESSING IN NEW SEGMENT VERSION

The release of Segment 4.1 includes an updated Strain module with LA/RA strain and a brand new, fully automatic, AI-based, CMR processing pipeline.

You can download the latest version of Segment from our download webpage: <https://medviso.com/download2/>. **Note:** First time after installation, Segment must be started by right-clicking and selecting “Run as administrator”.

BRAND NEW FEATURES

- **AI AutoMate:** A fully automated pipeline that takes raw DICOM data and processes it into ready-to-review results—completely without manual input. <https://medviso.com/ai-automate>
- **LA/RA strain analysis:** A major upgrade of our Strain MITT module to cover strain analysis of all four chambers. <https://medviso.com/strain>

If you would like to try the new AI AutoMate feature, or the updated Strain MITT module, we would be happy to have a software demonstration and set up a trial license. For more information, email us at sales@medviso.com.

MAJOR IMPROVEMENTS

- Implemented zoom and auto-zoom for montage view
- A new tab “Function”, where segmentation tools for all four chambers are found. Check out the short video tutorial to see the new simplified workflow for segmentation: https://medviso.com/tutorial/segmentcmr/Function_tab_overview.mp4
- Updated bullseye feature to provide both 16-segment model and 17-segment model. Improved sector division for the 17-segment model.
- Added more information to software version number by using four digits: 4.1.0.0, for you to easier keep track of your current version and any potential new upgrades
- Moved installation and license setup features to a new menu “Settings”
- Added support to install Segment on Windows 11
- Integrated strain rate within the strain window, and added new tabs for better navigation between bullseye plots and result tables
- Changed the background of the toolbars and redesigned icons for a nicer looking interface
- Automatic selection of image stack upon starting Auto-scar and T1/T2/T2* analysis
- Added AI-based LV segmentation tool applicable to general image stacks, such as LGE, relaxometry and perfusion stacks

The full list of improvements can be found in the release notes here:

<https://medviso.com/Newsletters/releasenotesSegment4100.pdf>

SOFTWARE UPGRADING

- First time after installation, Segment must be started by right-clicking and selecting “Run as administrator”
- System requirements for Segment v.4.1.0.0 are found in <https://medviso.com/documents/segment/manual.pdf> Chapter 7.1.
- Go to <https://medviso.com/download2/> to download the installation file.
- Run the downloaded exe-file and follow the instructions for installation and first-time set-up.
- Contact us at support@medviso.com if you would like to have assistance in the upgrading process.

SEGMENT NEWSLETTER

You are receiving this newsletter since you are registered as a user of the medical image analysis software Segment. The software Segment is brought to you by Medviso AB in close collaboration with Lund Cardiac MR Group, Lund University, Sweden and Region of Scania, Skåne University Hospital. Segment is freely available for research purposes, provided that you properly refer to the software according to instructions on <https://medviso.com/research/how-to-refer/>

Best regards,

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