

## NEW GENERATION OF SEGMENT

A major upgrade of Segment is now released. New tools, dedicated strain tab, updated graphics and improved loading process are some of the news. We are happy to hear your feedback about the new release, just email us at [support@medviso.com](mailto:support@medviso.com). You can also respond to this email if you need assistance in the upgrading process.

Before upgrading, please read the instructions in the attached pdf for how to perform the upgrade

<http://www.medviso.com/Newsletters/UpgradingSegment.pdf>

Something to look forward to this autumn is our new automatic LV segmentation algorithm based on machine learning, that soon will be released in Segment.

## IMPORTANT CHANGES IN SEGMENT 3.0

- **Heart rate** calculation is now based on mean trigger time. Before it was based on maximal trigger time. This could result in somewhat higher heart rate in the new version of Segment compared to the previous version of the software.
- **One or all frames mode** is now defined by a new icon with text ONE / ALL. This setting defines if features are applied to current time frame or all time frames. For exempel ROI delineations.

## NEW FEATURES IN SEGMENT 3.0

### - **New tool for semi-automatic LV segmentation**

A new smart tool for semi-automatic segmentation of the endo will speed up your LV segmentation

### - **Improved loading performance**

Improved loading performance for different types of DICOM

### - **Strain tab with dedicated tools**

All tools for the additional module for cardiac strain analysis are now found in an own analysis tab for easy access. If you are interested in a trial of the strain module, please contact [sales@medviso.com](mailto:sales@medviso.com) to set up a trial.

### - **Improvements in flow analysis**

A new smart tool for semi-automatic segmentation of vessels, and all ROI tools are now applicable in both the phase and magnitude image stacks

### - **New selections for background color**

You can choose between dark blue, light grey or black as the background color for Segment

### - **Simplified software set-up**

The whole installation and set-up process for Segment is now included in a set-up wizard

### - **Usability improvements**

Based on user feedback we have improved and added many smaller improvements regarding displaying and drawing of images in the software

### - **New icon**

The short-cut for Segment has a new icon

### - **Updated hot-key list**

<http://www.medviso.com/Newsletters/SegmentHotkeys.pdf>

## 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 <http://medviso.com/research/how-to-refer/>

### **Best regards**

Helen Fransson, CEO Medviso AB

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