

Dear Segment User

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. Segment is freely available for research purposes provided that you properly reference the software. If you do not want to receive further newsletters please see below for how to unsubscribe.

It has been a long time since the last user newsletter. In this newsletter we are happy to inform you that you now find an improved automatic LV segmentation in release Segment 2.0!

Segment 2.0

A major upgrade and improvement of Segment has now been finished and Segment 2.0 is now available for download from <http://medviso.com/download2/>. The major upgrades are described below; new automatic LV segmentation, new automatic T2* analysis module and improved ROI analysis tools. Please note that you have to upgrade both the MCR installer and Segment in the upgrading process.

New LV Segmentation

A new automatic LV segmentation algorithm is now available in Segment. The new algorithm has been extensively validated and shows good agreement to the reference standard manual delineation. The LV analysis workflow and manual correction tools have also been improved. The complete LV validation study is found at <http://www.hindawi.com/journals/bmri/aa/970357/ref/>.

New T2* analysis

A new automatic T2* analysis algorithm is now available in Segment. The new algorithm has been extensively validated and shows good agreement to simulated T2* values. The T2* validation study is found at <http://www.jcmr-online.com/content/pdf/1532-429X-17-S1-P52.pdf>.

Improved ROI tools

The tools for Region of Interest (ROI) analysis have been changed to increase usability. You can now select multiple ROIs directly in the main interface to apply ROI operations on.

Support

Most importantly, we love bug reports! Feedback and bug reports from users like you are essential to help us to develop and continuously improve the software. We also welcome suggestions for improvements. Please send email to support@medviso.com to get in contact with us. Segment is freely available for research purposes provided that you properly reference the software. To further assist users like you in reaching your research goals, we are pleased to offer Premium Academic Support contracts for 800 EUR/year. This includes priority support by e-mail, telephone or video conference, development of new analysis tools or features such as customized export of data for specific research projects.

Clinical software

Please support us in the commitment to keep Segment freely available for research by recommending the commercial software Segment CMR to your clinical colleagues. For more information on how we can help you, please contact sales@medviso.com. Clinical sites with Segment CMR also get premium research support and assistance research tool integration into clinical routine.

Referencing to Segment

We like to remind you that the conditions for using Segment is that you need to properly reference Segment and relevant articles in your papers. Proper referencing is necessary to secure future funding for keeping a freely available version of Segment for academic purposes. Find details of how to properly reference to Segment at <http://medviso.com/research/how-to-refer/>

Best regards

Helen Fransson, CEO Medviso AB
helen@medviso.com