



QFlow[®] 5.6

Release Notes

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These release notes provide an overview of new and improved features, and point you to more detailed information.

What's New and Improved

QFlow 5.6.32.2

- **Version number alignment with QMass.**
No changes.

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- **Enhanced contour accuracy QFlow.**
Over the last decade, the image quality of MRI scanners has been steadily improving, allowing smaller and smaller structures to be imaged and researched reliably. To keep up with these developments, calculations in QFlow are now performed with sub-pixel accuracy. This has significantly enhanced the way QFlow handle contours ensuring reliability now and in the future. As a consequence, results with the new version can differ from previous versions, but Medis assures that the differences caused by this have been found small and clinically insignificant.

In case you are carrying out a research study, we always recommend to use one fixed product version, as the use of different versions might influence the outcome of the study. The changes described in the previous paragraph are an example of differences that can occur between product versions.

- **Regurgitation mode on by default.**
Regurgitation measurement has been turned on by default. Please note, regurgitation measurement should only be performed for one heartbeat.

Solved Issues

QFlow 5.6.32.4

- **No graphs were shown with certain Philips datasets.**
The DICOM sequence (0x0040, 0x9096) 'Real World Value Mapping' was read incorrectly. This has been fixed.

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- **Mandatory use of the recursive flag with 'opendirectory' through activeX.**
The usage of 'recursive=true' is now mandatory when using 'opendirectory' through activeX when the recursive behavior is required.

Known Issues

- **Opening the study browser can take a long time**
Slow (or not) responding network shares can result in a slowly populating file browser. This can also be seen when using the explorer and clicking on these mapped drives. Removing or speeding up the response of these drives can resolve this issue.
- **General and PACS Settings Not Activated Upon First Use**
The specified general and PACS settings may not be active when QFlow is first started or when it is first launched from QMass MR.
Workaround: When first starting QFlow, start the program by double-clicking the shortcut on the desktop.
- **Min and Max Velocity Pixels Appear Outside of Detected Area**
When the contour line thickness is set to 0 and the minimum and maximum velocity pixels are located near the detected contour they may appear to be outside of the detected area. This is a representation issue—the pixels displayed are in fact located within the detected area and they are the minimum and maximum velocity pixels of the detected area.
- **Representation of Asian Character in PDF Reports**
When reports using Asian character sets are saved in PDF format, the characters are not represented correctly in the PDF report.
Workaround: Save the report in another format, such as HTML.
- **Printing Graphical Reports**
When graphical reports are printed in black and white, the ROI 4 is not shown.
Workaround: Print graphical reports in color. If it is only possible to print in black and white, the curves can also be printed directly from the Graph window, using the Print Preview option.

More Information

You can find detailed installation instructions and instructions for use in the documentation available on the CD-ROM. The software includes a user manual, which you can access by pressing F1.

For support questions, please contact our Support Team.

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