

Release Notes: VivoQuant 5.2

Release Date: September 16th, 2024

This VivoQuant 5.2 release introduces many enhancements to existing features and modules to support analysis and workflows. This release also addresses a series of bugs and issues from previous releases.

For more information, please contact info@invicro.com, Invicro Support at support@invicro.com, or Invicro Sales at sales@invicro.com. We look forward to your continued feedback and we thank everyone who has contributed through requests and reports.

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Enhancements

The following user stories are part of the VivoQuant 5.2 release:

Enhanced Playback Options in the Time-Series Operator

VQ-1510 Playback options in the Time-Series Operator

Splitting Operator Improvements

VQ-2203 Display Splitting Region in MIP

VQ-2205 Splitting Operator: Enable settings persistence across images

VQ-3814 Splitting Operator in 3D (Extended story)

VQ-3910 Splitting Operator in 3D

VQ-3065 3d edit handles for Splitting Operator

VQ-4138 Nest the Splitting Operator under the Main License "entitlement"

Expand Brain Atlas with Cursor Seed Point Registration

VQ-3455 Develop: Expand Brain Atlas Tool with Cursor Seed point registration options

DICOM Header Editor

VQ-3891 Implement DICOM Header Editing Capabilities in VQ

VQ-3900 Implement Access to DICOM Header Editing in VQ

VQ-3901 Implement Restricted DICOM values list for DICOM Header Editing feature

VQ-4028 The DICOM editor UI should show a progress bar on load

Update Mask Options in the Modeling Operator

VQ-3968 Modeling Op: UI not staying within bounds

VQ-2449 Add mask option to all VQ Modeling Operator dropdown options

Miscellaneous Requirements

VQ-4040 Add small quality of life improvements to MAS Tool

VQ-3831 VQ Pre-processing Tool - improve handling of special characters

VQ-3879 VQ Pre-processing Tool - Improve messaging for errors

VQ-3877 Release Auto Zoom's hold on other magnification options

VQ-3857 Enhance VTK's view-display area by providing room for rotations

VQ-3452 Improve Viewing in and with the MIP Tool

VQ-3429 Add support of WL/RGB data for ROI tool "data cutting"

Bug Fixes

The following bugs have been addressed:

VQ-150	Registration: Transform does not apply to WL data properly
VQ-3197	Molecubes dynamic enhanced PET stored by VQ loads back into VQ stacked in z-direction
VQ-3208	Molecubes SliceThickness handling is still inconsistent
VQ-4041	Nested elements edits are not reflected in the DICOM dump tool after editing in the editor
VQ-3949	DICOM Cache: Fix to prune oldest first
VQ-3771	Pre-Processing NM conversion units duplicated
VQ-3804	Preprocessing Tool Injected Dose units mismatch
VQ-3813	VQ continue running in background after close
VQ-3874	MIP Control : View Scaling and layout
VQ-3907	Splitting Operator: Group height/width change to last child but not the plane
VQ-3909	Release Auto Zoom's hold on other magnification options (follow on to VQ-3877)
VQ-3914	Fix ATs calling older auto zoom API
VQ-3919	Splitting Operator: Session loaded shapes are not created with the same update integration logic
VQ-4054	VQ PDF Manual sometimes fails to create properly
VQ-3951	Zoom transformation is lost when scaling in slice view
VQ-4027	Detect Apple Silicon devices and warn about the use of GPUs
VQ-4030	Cursor Seed Point Crop Option appears to have enabled styling in two modes when it shouldn't appear enabled
VQ-3619	Vivoquant.com - publish new 5.0 versions at top of list to follow "newest on top" structure
VQ-3770	VivoQuant test case missing for preprocessing tool unit conversion to SUV
VQ-3829	VQ script reports 'API is not supported' sporadically when calling the Boston iPACS

Known Issues

VQ-3922 Auto scale not updating with docked widget size adjustments
