



# **VivoQuant™ 5.4.2**

## **Release Notes**

**VivoQuant Team**

Release Date: May 5, 2025

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**The following enhancements are part of the release.**

## Enhancements

Reference	Title
VQ-4646	Add entry in DerivationImageSequence to capture the version of VQ on save.

## The following bug fixes are part of the release.

### Bugs

Reference	Title
VQ-4638	<p>Saving out PT or MR data with Functional Group mode does not have correct RescaleIntercept or RescaleSlope</p> <p><b>Specific Situation Description:</b> If data is saved in DICOM Multi-Frame (Functional Groups) mode from VQ 5.3.0, 5.4.0, or 5.4.1 and the rescale slope and intercept values were originally present in the DICOM root, the saved rescale slope and intercept tags are not updated to new scaled values. The issue is not present when saving in other modes or formats in VQ 5.3.0+; nor was it present in earlier versions of VQ.</p> <p><b>Impact:</b> The data may be proportionally scaled and shifted. The slice view in VivoQuant and all the images that can be produced will appear the same visually, but the actual voxel values will be different. The reason the visuals will appear unaffected is because the RGB pixel values are calculated on a relative scale.</p> <p><b>Data Re-processing:</b> Remediation options will depend on the operations performed. We recommend that you reach out to <b><a href="mailto:vq_support@perceptive.com">vq_support@perceptive.com</a></b> to arrange a triage call with your team. Our support team will then work with you to determine the appropriate option(s) for your situation.</p>
VQ-4656	DICOM - Saving twice will overwrite the first SoftwareVersions in DerivationDescription
VQ-4659	Overwrites first SoftwareVersions in Derivation Image Sequence under certain condition