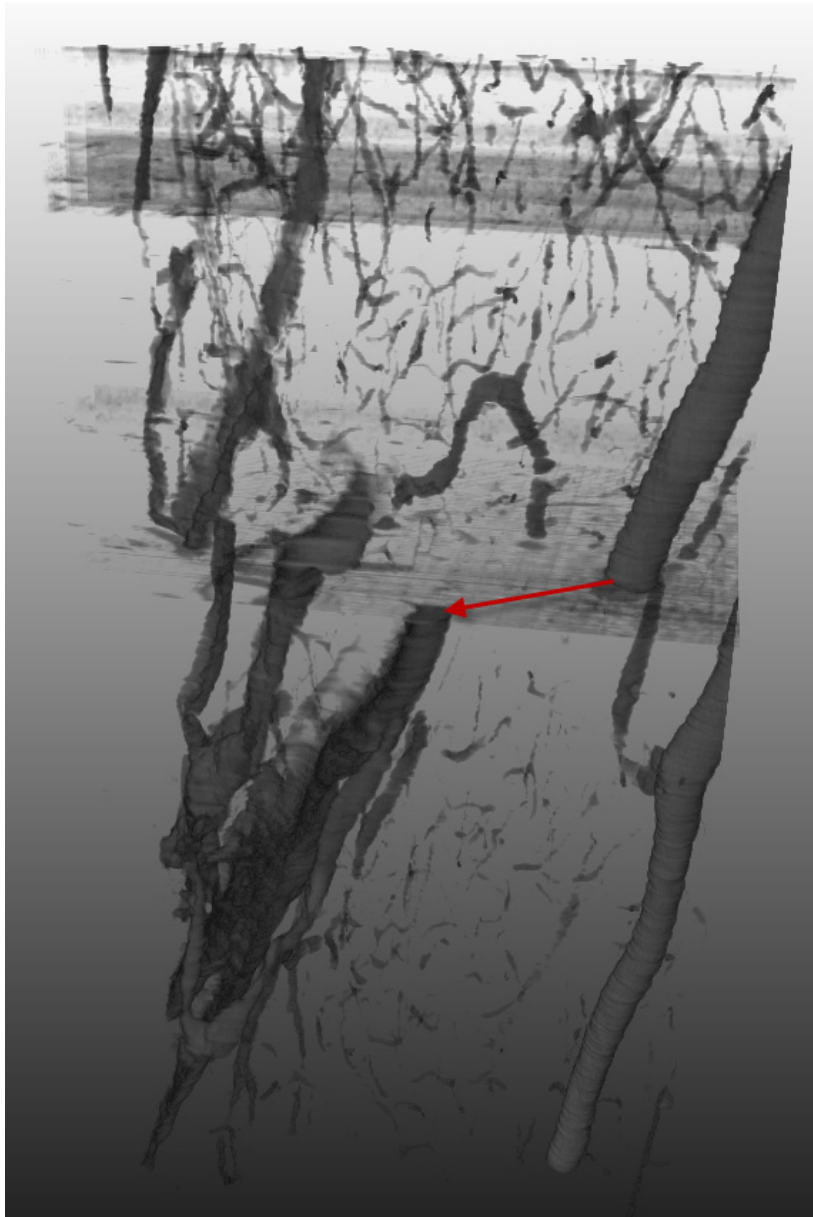The red arrow show discontinuity. There might be knife cleaning or the KESM restart at the point.

If we crop images with a fixed tissue area, we may get multiple misaligned blocks in a column.

** improvement **

Automatic cropping solved this problem. Yet, due to imperfection of scanning images, the cropping was not successful in some cases.

Also the detected tissue area by the automation has a few pixel margin of errors. Automatically detected areas should be arranged and adjusted. This is a new improvement compared to the previous implementation.

Cropping task will be done by next week. And I will compare this volume with one from the new automatic-cropping.

Note: Noise removal and intensity normalization are not done with the image block.