



A Chest Imaging Platform Slicer Extension module

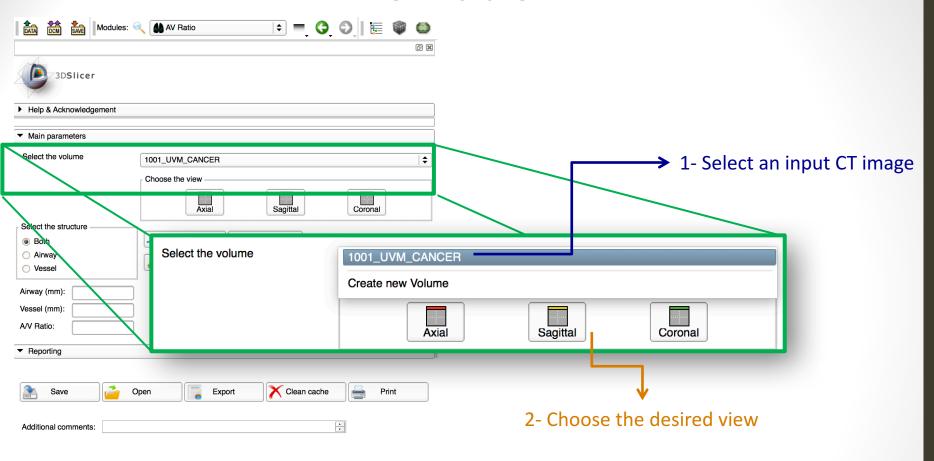
#### Overview

- Goal: Quickly measure the ratio between the airway and the vessel on the air cell in a semiautomatic basis.
- This ratio is a biomarker of Bonchiectasis prediction in COPD
- Export the results to a .CSV file, easy to manage for study.





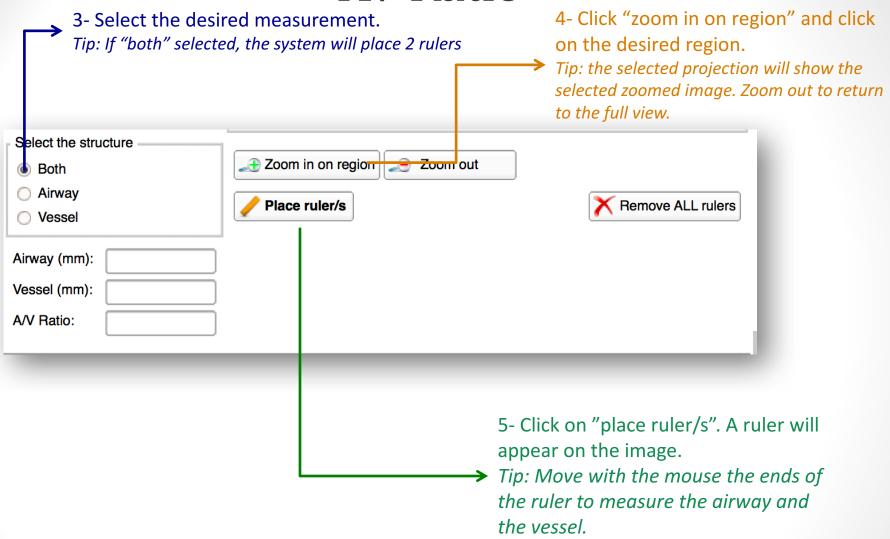








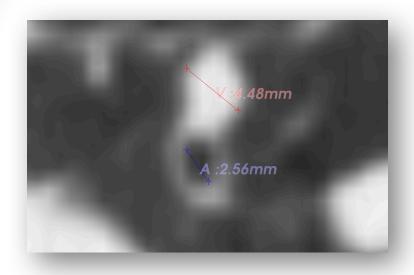


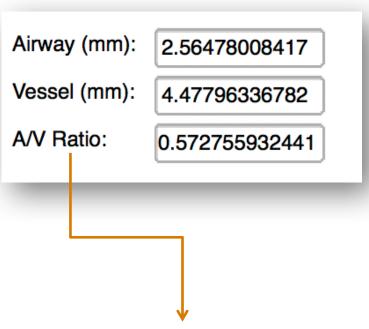






#### **Expected results**





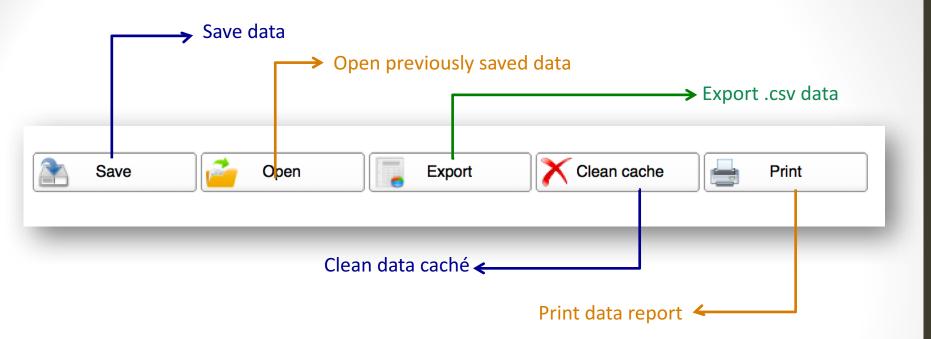
After placing the rules, measurements will appear on the table.

*Tip: A/V Ratio > 1 is a Bonchiectasis indicator.* 















- The AV Ratio is part of the Chest Imaging Platform extension for 3D Slicer (www.chestimagingplatform.org)
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