



PAA (Pulmonary Arterial / Aorta) ratio

Chest Imaging Platform

PAA Ratio - Intro

- Goal: Quickly measure the ratio between the pulmonary arterial and the aorta in a semi-automatic basis
- This ratio has been proved to be a biomarker of acute exacerbations prediction in COPD (see publication)
- Export the results to a CSV file, easy to manage for your study



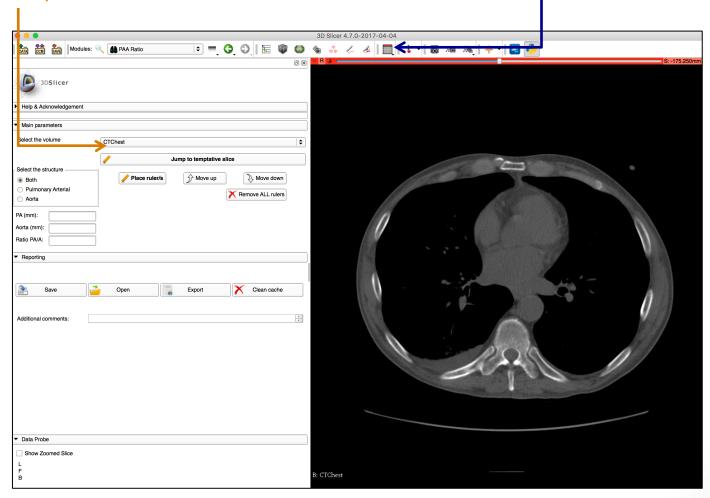




1- Launch PAA Ratio module

Tip: Axial view is recommended (Red slice only layout)

2- Select an input CT



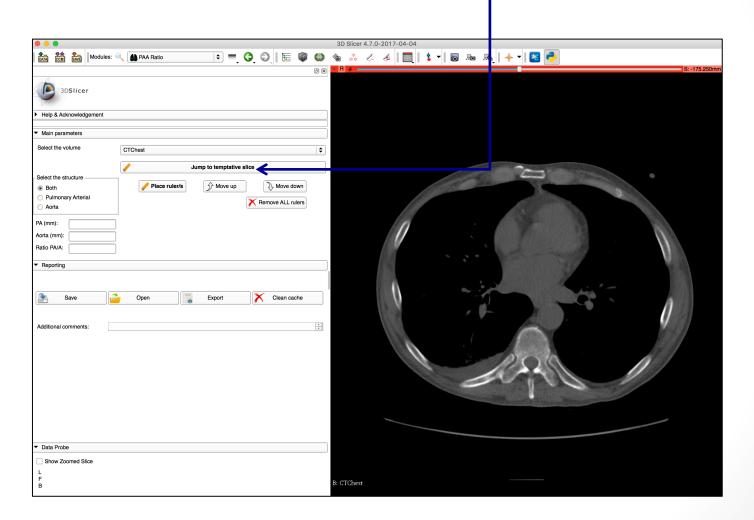






3- Click the "Jump to temptative slice" button.

Tip: when clicked, the image will jump to the best estimated slice and zoom level.









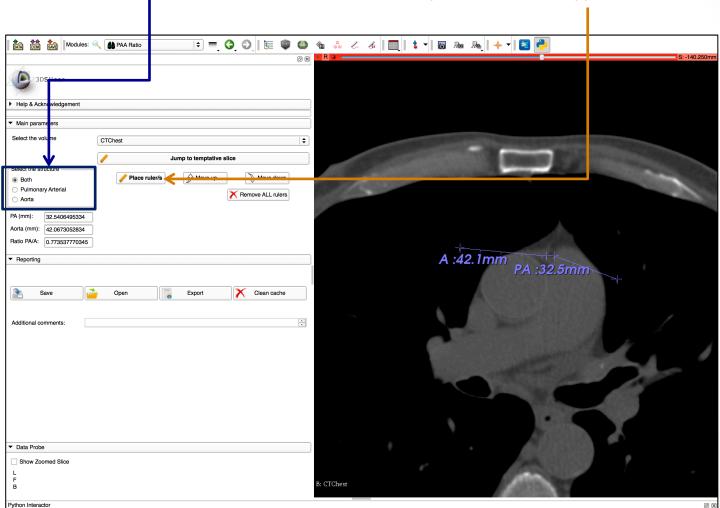
4- Select the desired structures.

Tip: If "both" selected, the program will place 2 rulers.

Tip: if desired, scroll to change the slice.

5- Click "Place rulers to place the rulers on the slide.

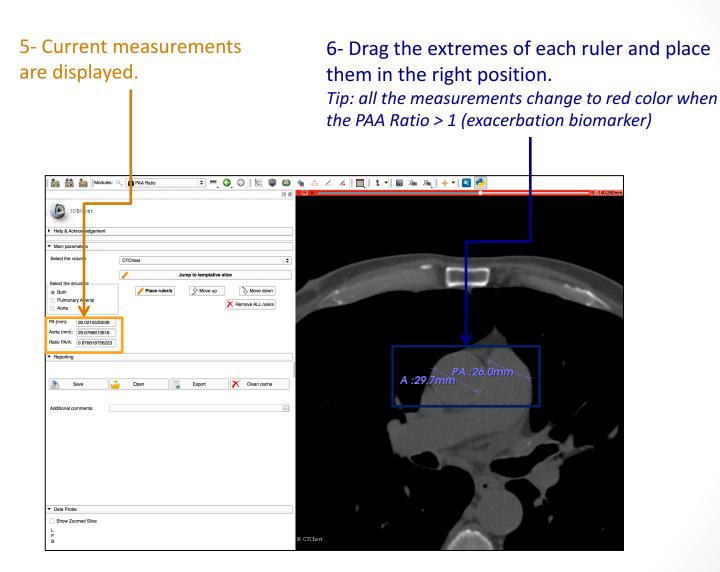
Tip: The ruler/s will appear on the CT image















Save the results of the current measurements

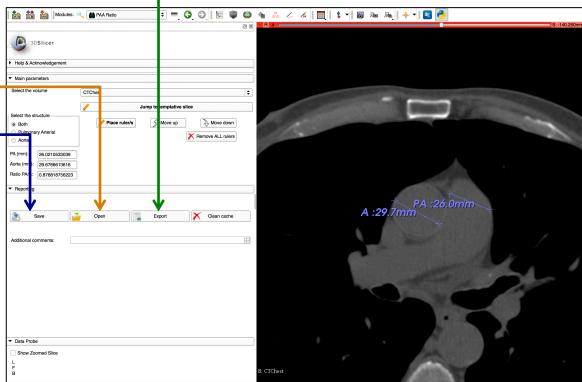
PAA Ratio module keeps a table of every case whose measurements

have been saved

Tip: Click "open" to open the results

Tip: click "Clear caché" to delete previous measurements.

· Click "Export" to export the data into a .csv file









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