

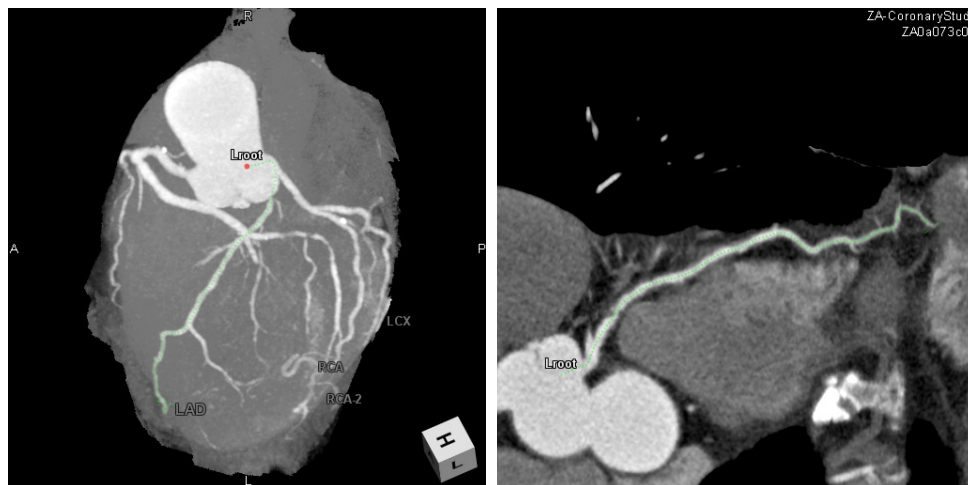
# CT Coronary Analysis

## Quick Assessment of Vessel Status

Ziostation2's coronary Analysis application is designed for quick assessment of coronary artery patency. Automated segmentation, centerline detection, vessel labeling, combined with streamlined measurements simplify workflow. Resulting images include volume rendered rotational views of the segmented cardiac anatomy and coronary tree; centerline rotated views of the LAD, LCX, RCA and any major branches; and key images of diseased segments. The saved workspace allows interpreting physicians to open the case and efficiently review the key images and centerlines to assess stenotic segments with full interactivity.

### Key features:

- Zero-click heart segmentation and centerline extraction
- Automated labeling of coronary arteries
- Fast and intuitive editing of centerlines
- Quick Density-Volume analysis tool
- Curved-planar reformat
- Straight multi-planar reformat
- Short axis views of selected coronary artery
- Instant calculation of vessel stenosis, area and length
- Multi-planar reformat (MPR) with oblique "vessel walk"
- Configurable color density map overlay to analyze potential plaque or thrombus



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