

Medis® Suite CT

QAngio® CT RE 3.1

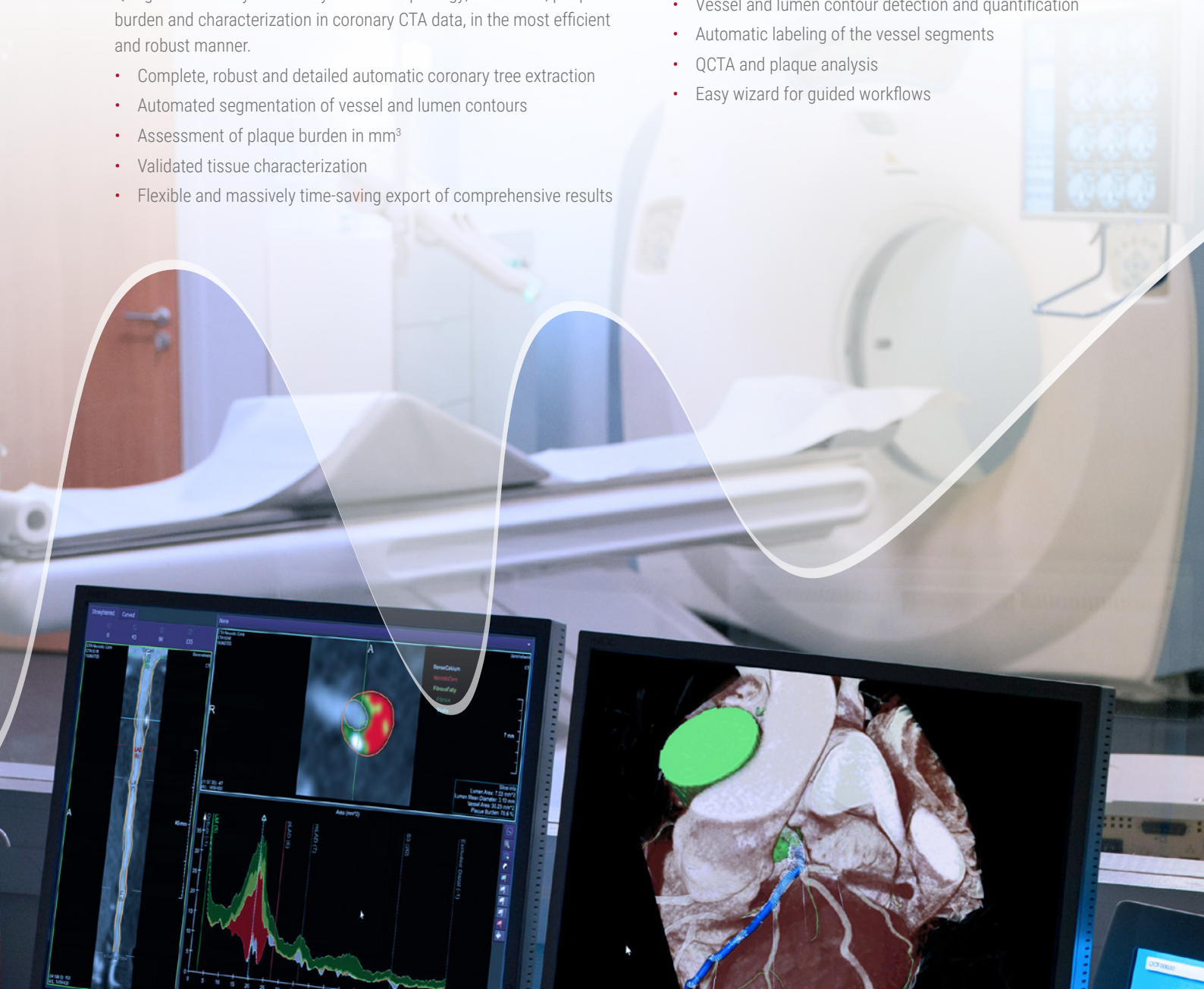
Research Edition

QAngio CT Research Edition incorporates medical image processing algorithms developed at the LKEB*) for automatic coronary tree extraction as well as lumen and vessel wall contour detection. QAngio CT allows you to study vessel morphology, intensities, plaque burden and characterization in coronary CTA data, in the most efficient and robust manner.

- Complete, robust and detailed automatic coronary tree extraction
- Automated segmentation of vessel and lumen contours
- Assessment of plaque burden in mm³
- Validated tissue characterization
- Flexible and massively time-saving export of comprehensive results

CTA FEATURES

- 3D viewer for visual inspection of the CTA data
- Automatic extraction of the coronary tree
- Vessel and lumen contour detection and quantification
- Automatic labeling of the vessel segments
- QCTA and plaque analysis
- Easy wizard for guided workflows





CTA RESULTS

- Validated Lumen and plaque statistics
- Degree of stenosis (diameter and area)
- Lesion length
- Plaque burden and volume (per lesion and per vessel)
- Vessel remodeling index
- Mean plaque and lumen intensities,
- Transluminal attenuation gradient (TAG)
- Fixed and adaptive intensity thresholding methods for plaque characterization
- Validated Plaque characterization components according
- To IVUS-VH classification

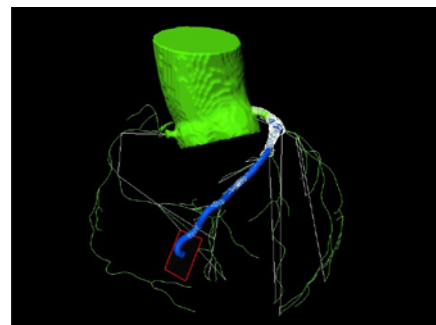
REPORTING AND DATA PROCESSING

- Highly detailed and adjustable reporting
- All analysis results can be saved and reloaded again for reviewing or editing
- Results of your entire patient cohort into a single spreadsheet
- QCTA has been used in over 100+ peer reviewed articles by world class centers

WHAT OUR CUSTOMERS SAY

'I have been very pleased with the performance of the QAngio CT RE software. It is robust software, that allows a careful assessment of the atherosclerotic plaque burden and characteristics.'

James K. Min | Professor of Radiology
Cornell University,
New York, USA



Legal Statements

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