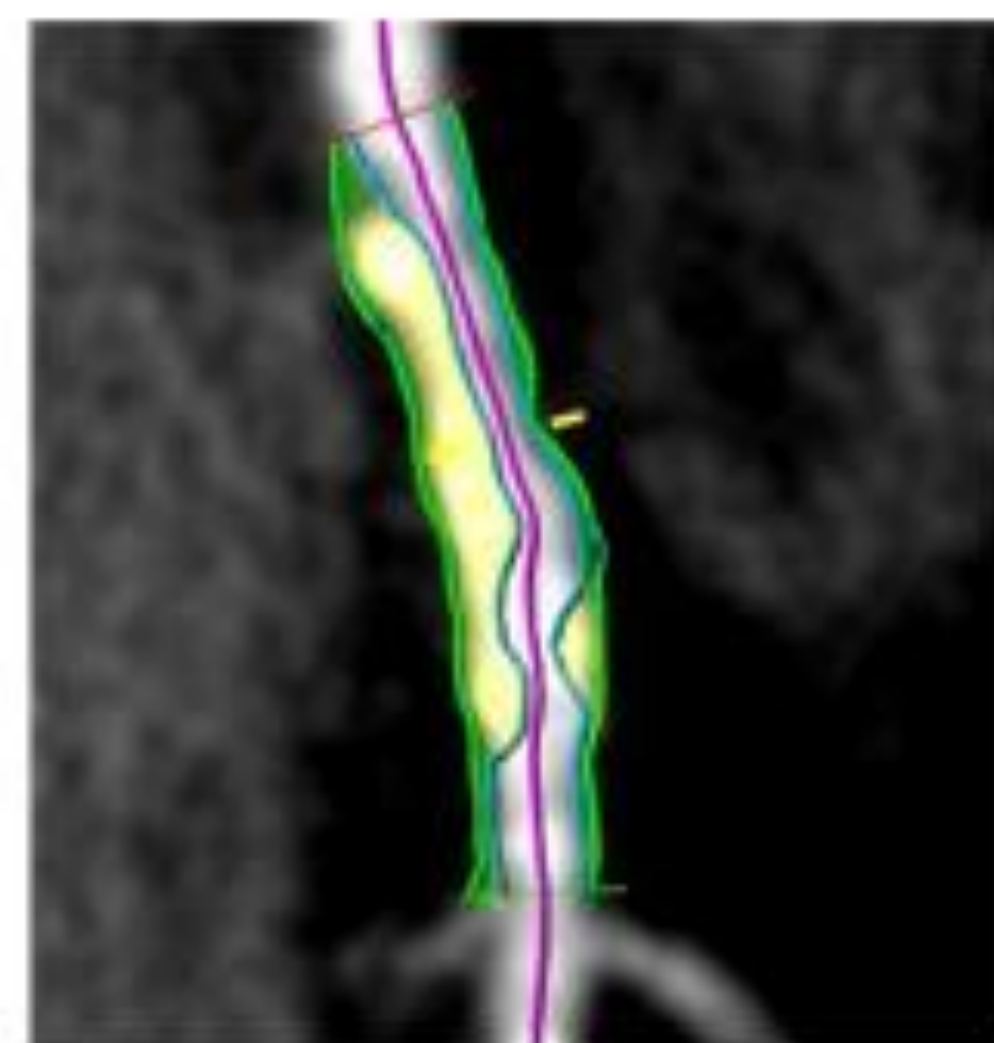


Coronary Plaque Analysis for CT Angiography Clinical Research

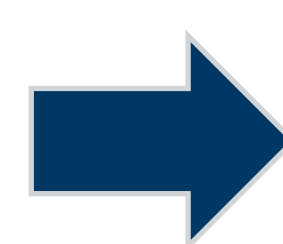
F. Denzinger, M. Wels, C. Hopfgartner, J. Lu, M. Schöbinger, A. Maier, M. Sühling

Software Prototype to Enable Clinical Research for Coronary Plaque Analysis

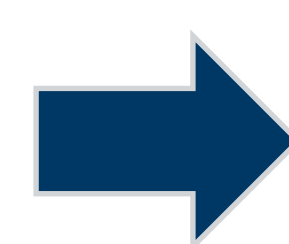
Workflow



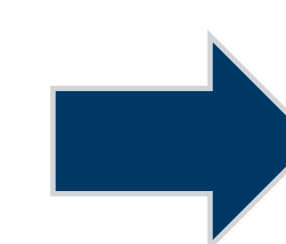
Heart Isolation



Centerline
Extraction



ROI
Segmentation



Compartment
Analysis

Main Features

State-of-the-art
Algorithms

Easy to use Manual
Correction Tools

Supports
Perivascular
Analysis

Supports Dual
Energy Scans

Contact

Felix Denzinger
Pattern Recognition Lab, Department of Computer Science, Friedrich-Alexander
University Erlangen-Nürnberg, Erlangen, Germany

✉ felix.denzinger@fau.de

☎ +49 9131 85 56 58 68

Acknowledgements

SIEMENS
Healthineers