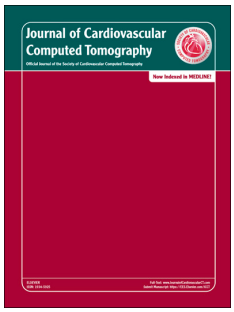
Accepted Manuscript



Comparison of invasively measured FFR with FFR derived from coronary CT angiography for detection of lesion-specific ischemia: Results from a PC-based prototype algorithm

Jens Röther, Maximilian Moshage, Damini Dey, Chris Schwemmer, Monique Tröbs, Florian Blachutzik, Stephan Achenbach, Christian Schlundt, Mohamed Marwan

PII: S1934-5925(18)30024-8

DOI: 10.1016/j.jcct.2018.01.012

Reference: JCCT 1064

To appear in: *Journal of Cardiovascular Computed Tomograph*

Received Date: 9 June 2017

Revised Date: 22 January 2018

Accepted Date: 29 January 2018

Please cite this article as: Röther J, Moshage M, Dey D, Schwemmer C, Tröbs M, Blachutzik F, Achenbach S, Schlundt C, Marwan M, Comparison of invasively measured FFR with FFR derived from coronary CT angiography for detection of lesion-specific ischemia: Results from a PC-based prototype algorithm, *Journal of Cardiovascular Computed Tomograph* (2018), doi: 10.1016/j.jcct.2018.01.012.

Comparison of invasively measured FFR with FFR derived from coronary CT angiography for detection of lesion-specific ischemia: results from a PC-based prototype algorithm

Jens Röther[1], MD, Maximilian Moshage[1], Damini Dey[3], PhD, Chris Schwemmer[2], PhD, Monique Tröbs[1], MD, Florian Blachutzik[1], MD, Stephan Achenbach[1], MD, Christian Schlundt[1], MD, Mohamed Marwan[1], MD

[1]Department of Cardiology, Friedrich-Alexander-Universität Erlangen-Nürnberg, Erlangen, Germany

[2]Computed Tomography - Research & Development, Siemens Healthineers, Forchheim, Germany

[3]Department of Cardiology, Cedars-Sinai Medical Center, Los Angeles, USA

Short title: cFFR derived from a PC-based prototype algorithm

Word Count: 3149 (Text, Legends)

Conflicts of interest: Dr. Marwan has received speaker honoraria from Edwards Lifescience and Siemens Healthineers

Address for correspondence: Dr. med. Jens Röther, Department of Cardiology, University of Erlangen, Ulmenweg 18, 91054 Erlangen, Germany, Tel.: ++49 9131 85301, Email: jens.roether@uk-erlangen.de.