

QFR[®] 2.2

Image-based coronary physiology powered by AI deep learning

CLINICAL EVIDENCE

- The angio-based solution supported by the greatest number of peer-reviewed scientific publications

TIME & COST EFFICIENCY

- No pressure wire, no adenosine
- Reduces treatment costs and procedure time

USER FRIENDLY

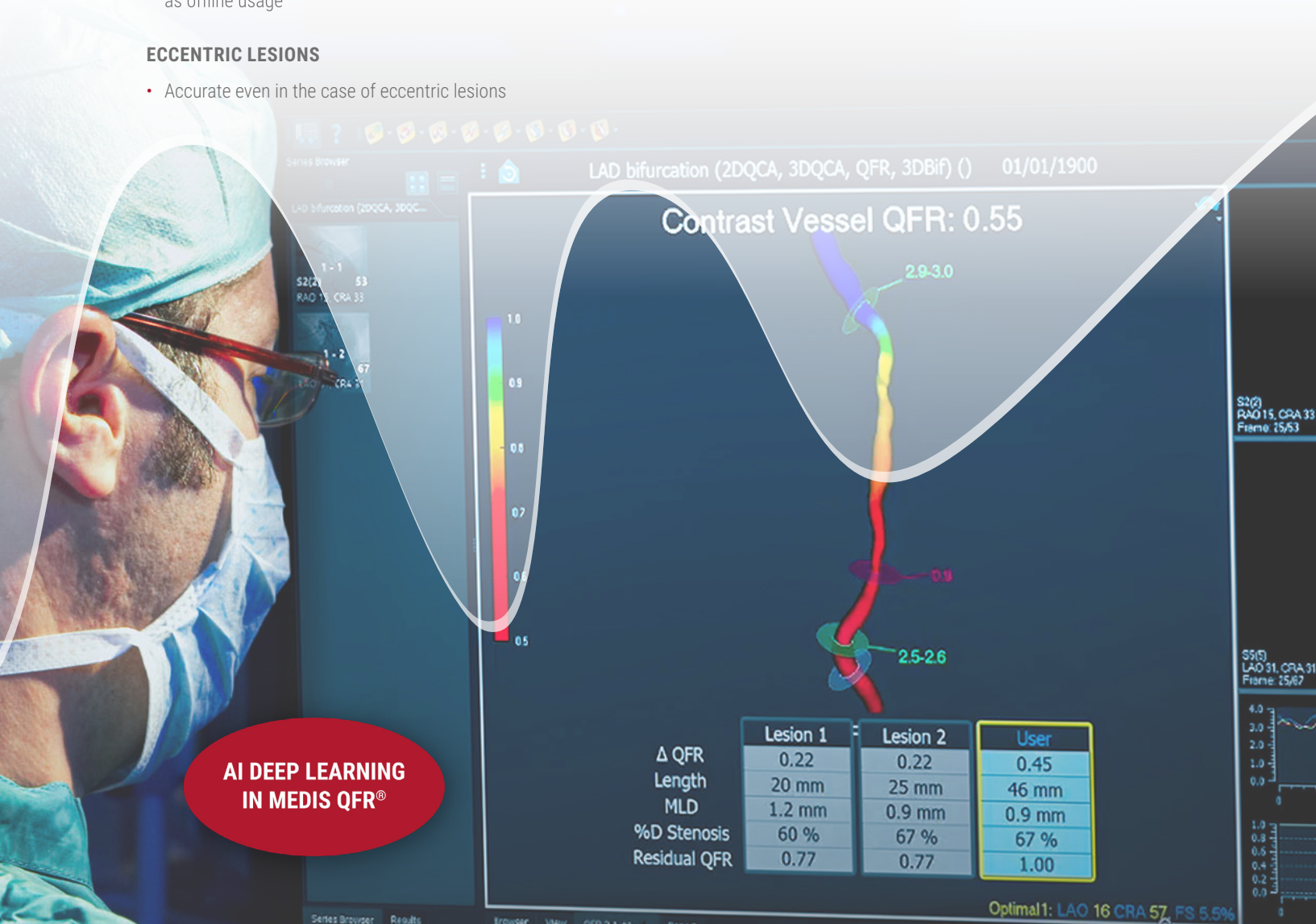
- Simple & intuitive workflow, applicable for in-procedure as well as offline usage

ECCENTRIC LESIONS

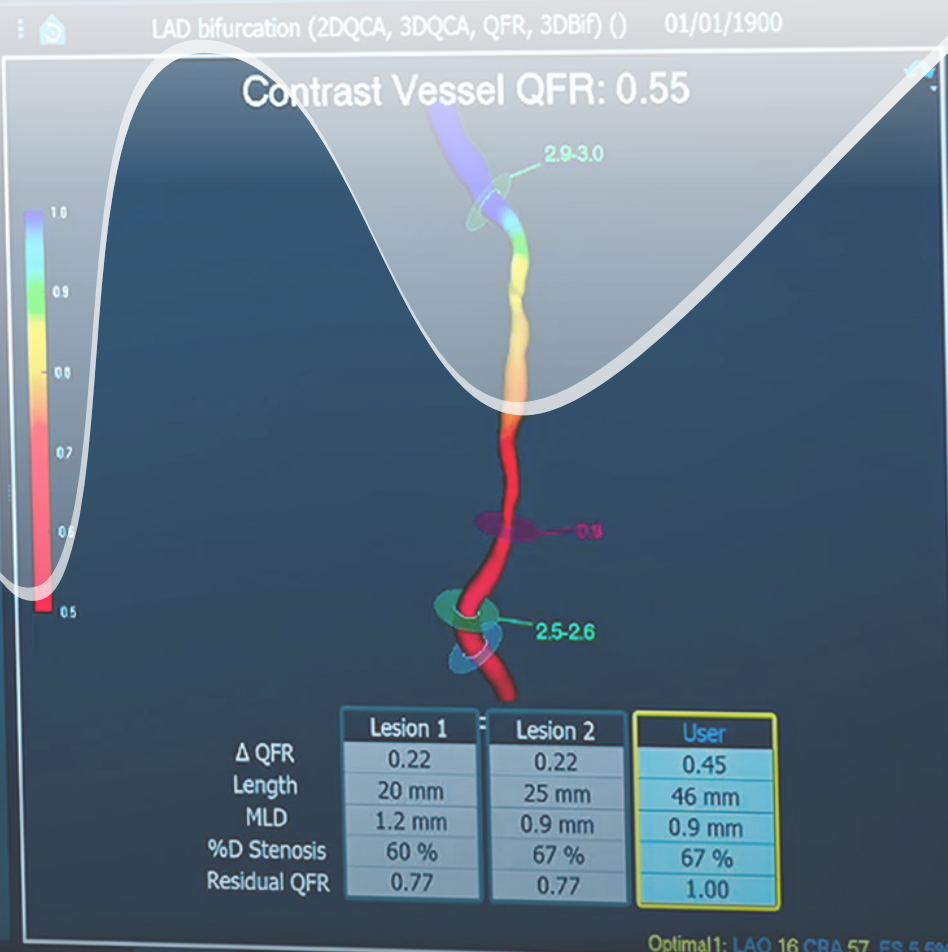
- Accurate even in the case of eccentric lesions

WHAT IS NEW IN QFR 2.2?

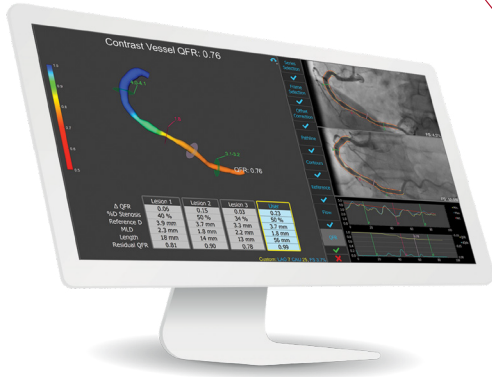
- Significant automation improvements to:
 - ED frame detection
 - automatic frame counting
 - offset correction
- Evaluate the pattern of CAD as either focal or diffuse with instantaneous QFR[®] gradient per unit length (dQFR/ds) in conjunction with QFR result, and predict outcomes post-PCI



**AI DEEP LEARNING
IN MEDIS QFR[®]**



NEW QFR® 2.2 SIMPLER, FASTER, NON-INVASIVE CORONARY PHYSIOLOGY



WHAT OUR USERS SAY

'State-of-the-heart approach in acute coronary syndrome targets on the "pancoronary risk". This can be assessed easily, safely and reproducibly by QFR®.'

Dr. David M. Leistner
Charité Berlin - Benjamin Franklin
Berlin, Germany

'QFR®, it is a robust technology and it provides good diagnostic data and guiding information.'

Dr. Niels Holm
Aarhus University, Denmark

Legal Statements

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QAngio XA 3D (incl. QFR), has market clearance for the USA, Canada, EU, Australia, Brazil, Malaysia, Singapore, Indonesia, South Korea, Turkey and Saudi Arabia.

Market clearance in Japan is pending.

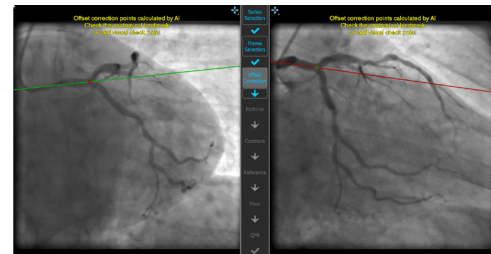
ANALYSIS TIME < 1MIN ON QUANTITY ANALYSIS, DUE TO:

VERY FAST ED PHASE DETECTION POWERED BY AI

- The optimal ED frame is selected from the multiple AI-powered ED frames, based on the best contrast filling

AUTO MATCHING OF 2 VIEWS

- The offset correction step is now automated



OFFSET CORRECTION

IMPROVED AUTOMATIC FRAME COUNTING WORKFLOW

- Performs as good as clinical expert in 80% of cases

CLINICAL REPORT

- In Medis QFR®, reports are made available in two formats: Essential and Advanced

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