

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

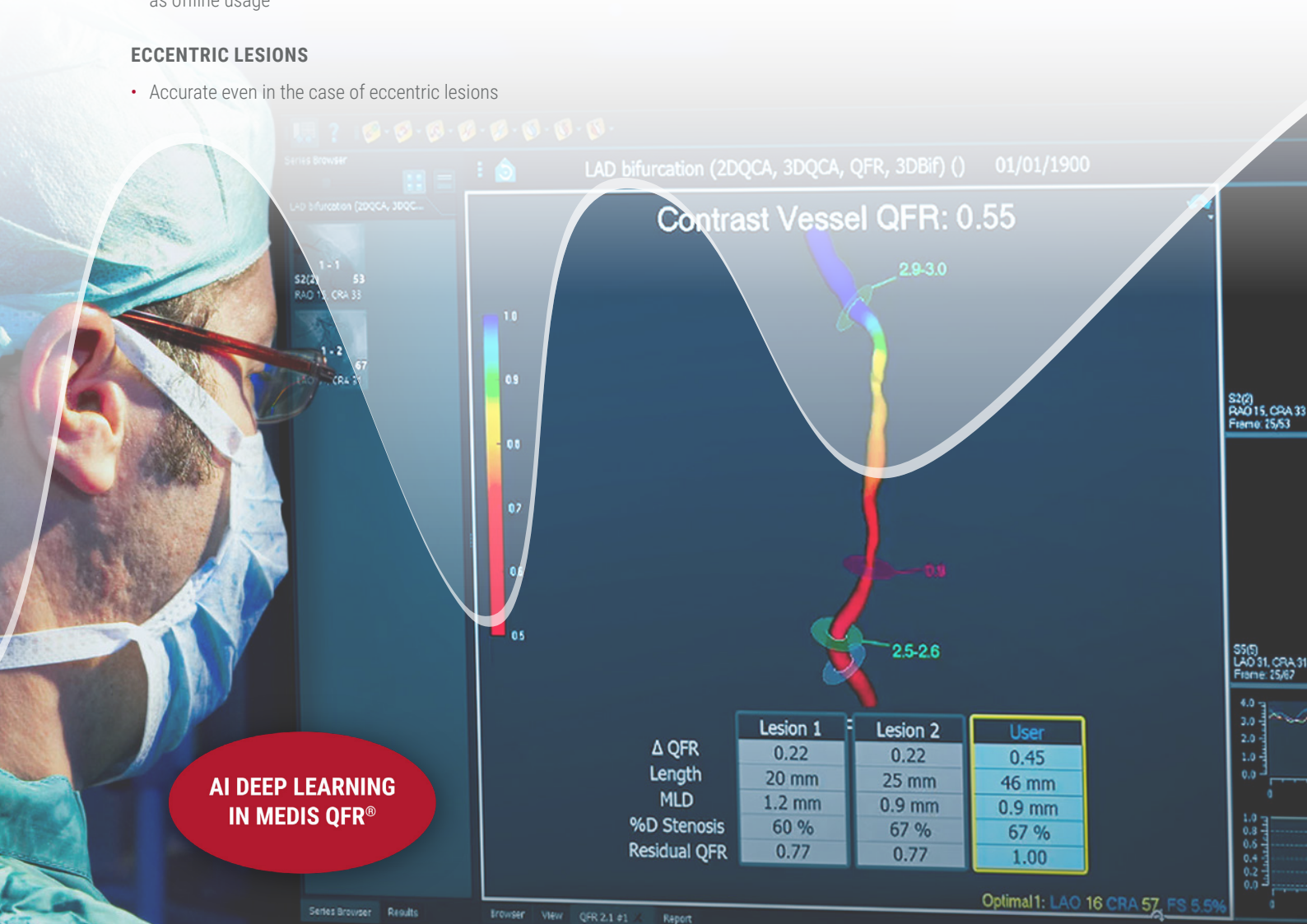
- Simple & intuitive workflow, applicable for in-procedure as well as offline usage

ECCENTRIC LESIONS

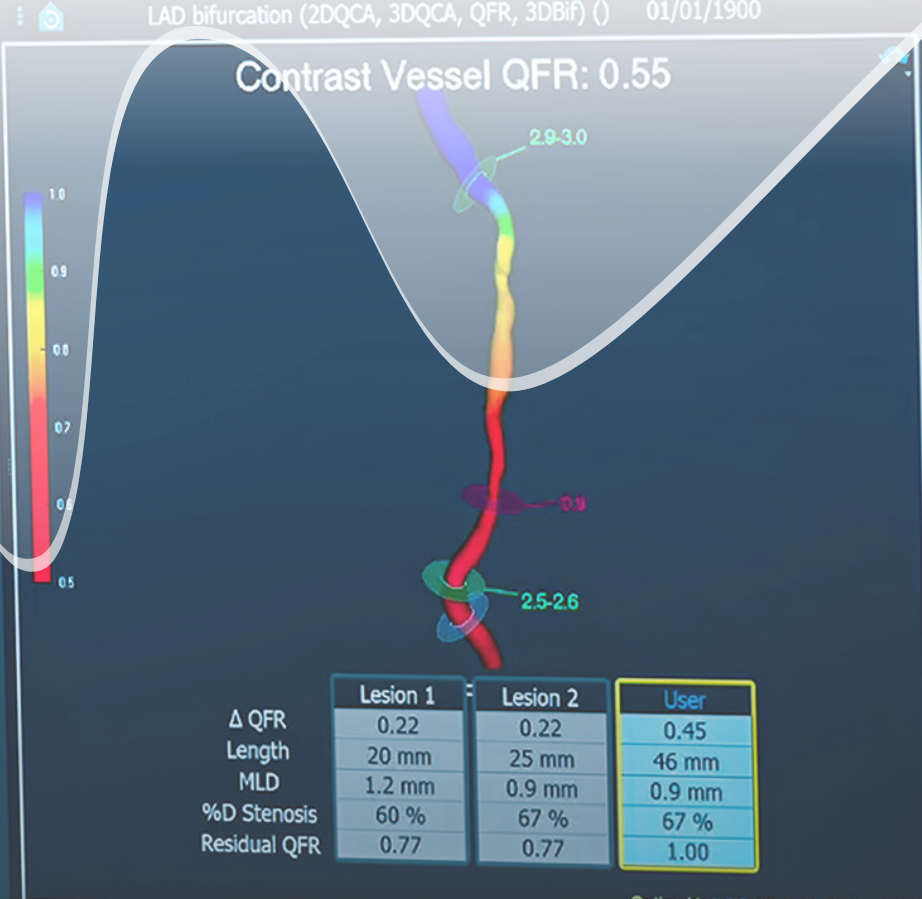
- Accurate even in the case of eccentric lesions

WHAT IS NEW IN QFR 2.2?

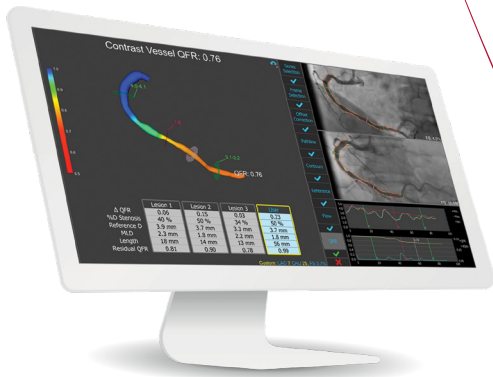
- Significant automation improvements to:
 - ED frame detection
 - automatic frame counting
 - offset correction
- Evaluate the pattern of CAD as either focal or diffuse with instantaneous QFR[®] gradient per unit length (dQFR/ds) in conjunction with QFR result, and predict outcomes post-PCI



**AI DEEP LEARNING
IN MEDIS QFR[®]**



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



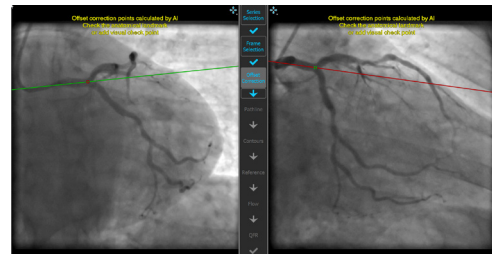
**ANALYSIS
TIME < 1MIN
ON QUANTITY
ANALYSIS,
DUE TO:**

**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

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.

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