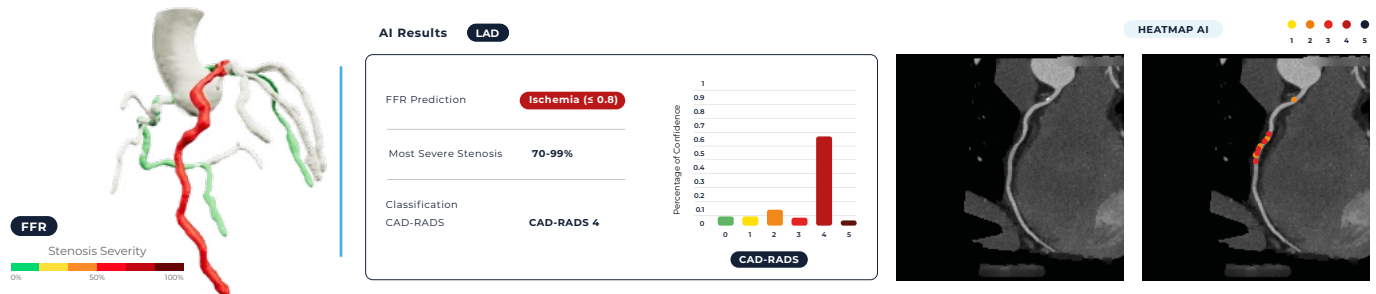
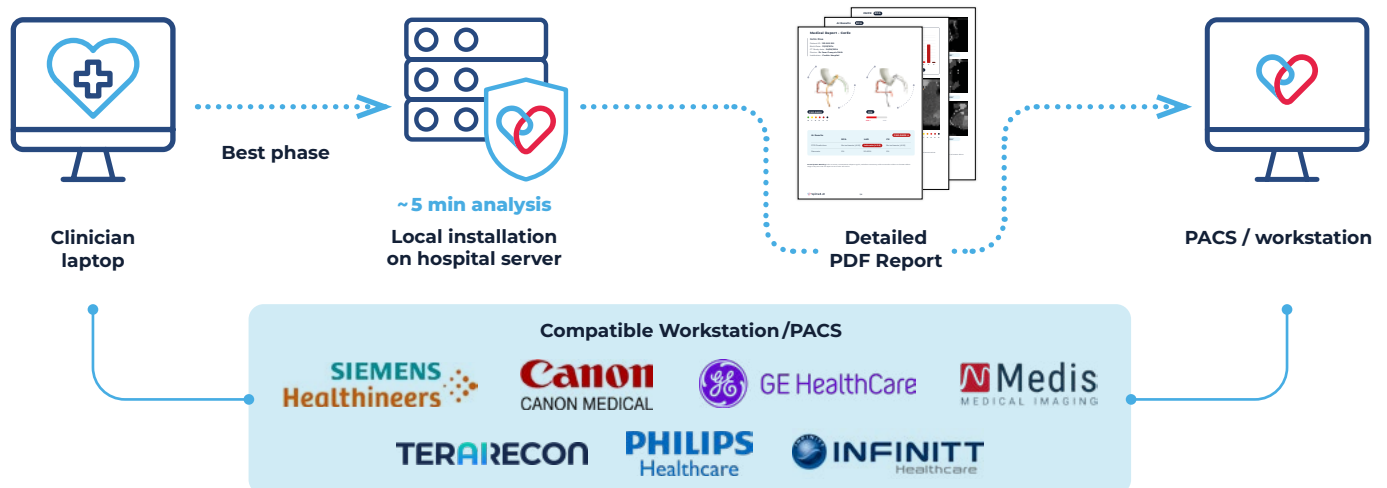




VESSEL SPECIFIC FFR PREDICTION AND CAD-RADS CLASSIFICATION



LOCAL, SEMI-AUTOMATIC AND FLEXIBLE WORKFLOW, FULLY INTEGRATED TO YOUR CURRENT PACS / WORKSTATION



EXTENSIVE VALIDATION FROM 10+ PUBLICATIONS IN SEVERAL COUNTRIES

FFR_{AI} validation in a multicenter Study

Diagnostic performance of a new coronary CT Deep Learning Model for the prediction of invasive Fractional Flow Reserve.

This large multicenter study involving 282 patients aimed to compare the performance of an AI solution for FFR prediction (CT-FFR_{AI}) with invasive physiological measurements.



CAD-RADS_{AI}

NPV
Accuracy
Sensitivity
Specificity

93%*
84%*
86%*
83%*

*Validation sample consisting of 282 vessels from consecutive patients

FFR_{AI} versus FFR_{CT}

Invasive fractional-flow-reserve prediction by coronary CT angiography using artificial intelligence vs. computational fluid dynamics software in intermediate-grade stenosis.

This proof-of-concept study aimed to compare the performance of FFR prediction between an AI solution (CT-FFR_{AI}) and a Computational Fluid Dynamics (CFD)-based software.



CT-FFR_{AI}

NPV
Accuracy
Sensitivity
Specificity



91%*
77%*
82%*
75%*

96%*
85%*
91%*
82%*

*Validation sample consisting of 37 patients with intermediate lesions