

Medical & Physiological Assessment Report

REPORT



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Non-Invasive Fractional Flow Reserved (NiFFR) Assessment

Organization : THC

Date : 2021-07-06

Interventional Cardiologist : Dr.Sadeghian

Time : 13:19

Patient : heidari

Sex : Male

Age: 62

Computation of NiFFR was performed online, using a computational simulation service. In the first step, two diagnostic angiographic projections, at least 25 apart, were selected. The NiFFR: frame count analysis was performed separately on the two angiographic projections that were acquired during hyperemia.

Result of Non-invasive Fractional Flow Reserved (NiFFR)

NiFFR was performed for **(LAD)** at **(PROXIMAL)**. Physiologic assessment was **(Non-Significant)** based on calculation in hyperemia state.

Hemodynamic Parameters	Result
Fractional Flow Reserved (FFR)	0.97
Area Stenosis (%AS)	50.13
Diameter Stenosis (%DS)	29.38
Wall Shear Stress (WSS)	2.42
Microvascular Resistance (IMR)	15.13
Gradient of Pressure (Del.P)	105.20

