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Non-invasive Detection of Coronary Artery Disease in High-Risk Patients Based on the Stenosis Prediction of Separate Coronary Arteries

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Highlights

- We extended Z-Alizadeh Sani dataset from 303 to 500 records.
- High accuracy and sensitivity were achieved for diagnosis of CAD
- For the first time LAD, LCX and RCA stenosis diagnosis are used for CAD detection
- This new method obviates the need for angiography

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