

Asymptomatic marathon runner with silent myocardial ischemia due coronary artery disease for proximal LAD stenosis > 70%

A healthy 45-years-old man runner underwent to exercise ECG treadmill stress testing for sports pre-participation screening

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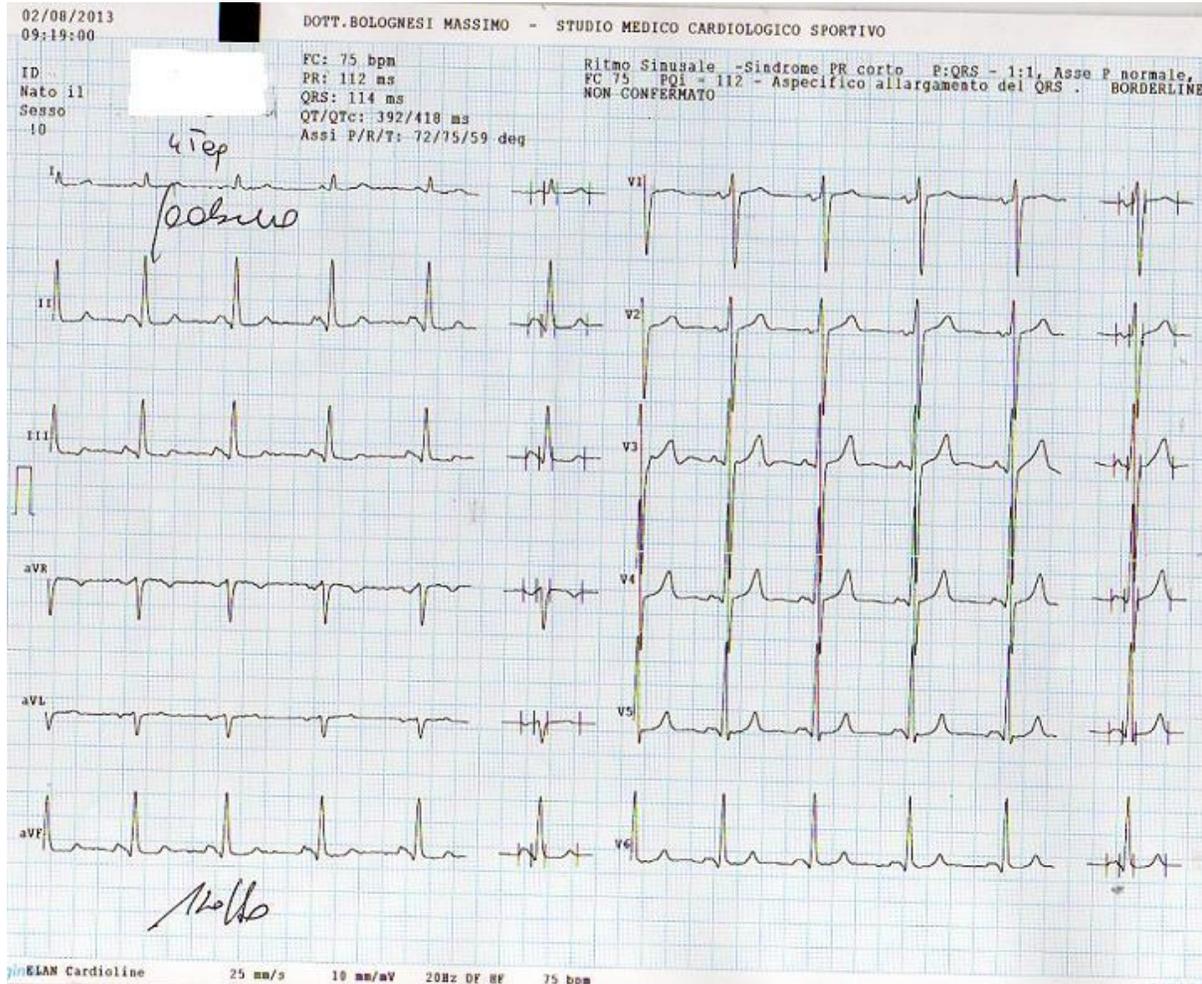
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Case History

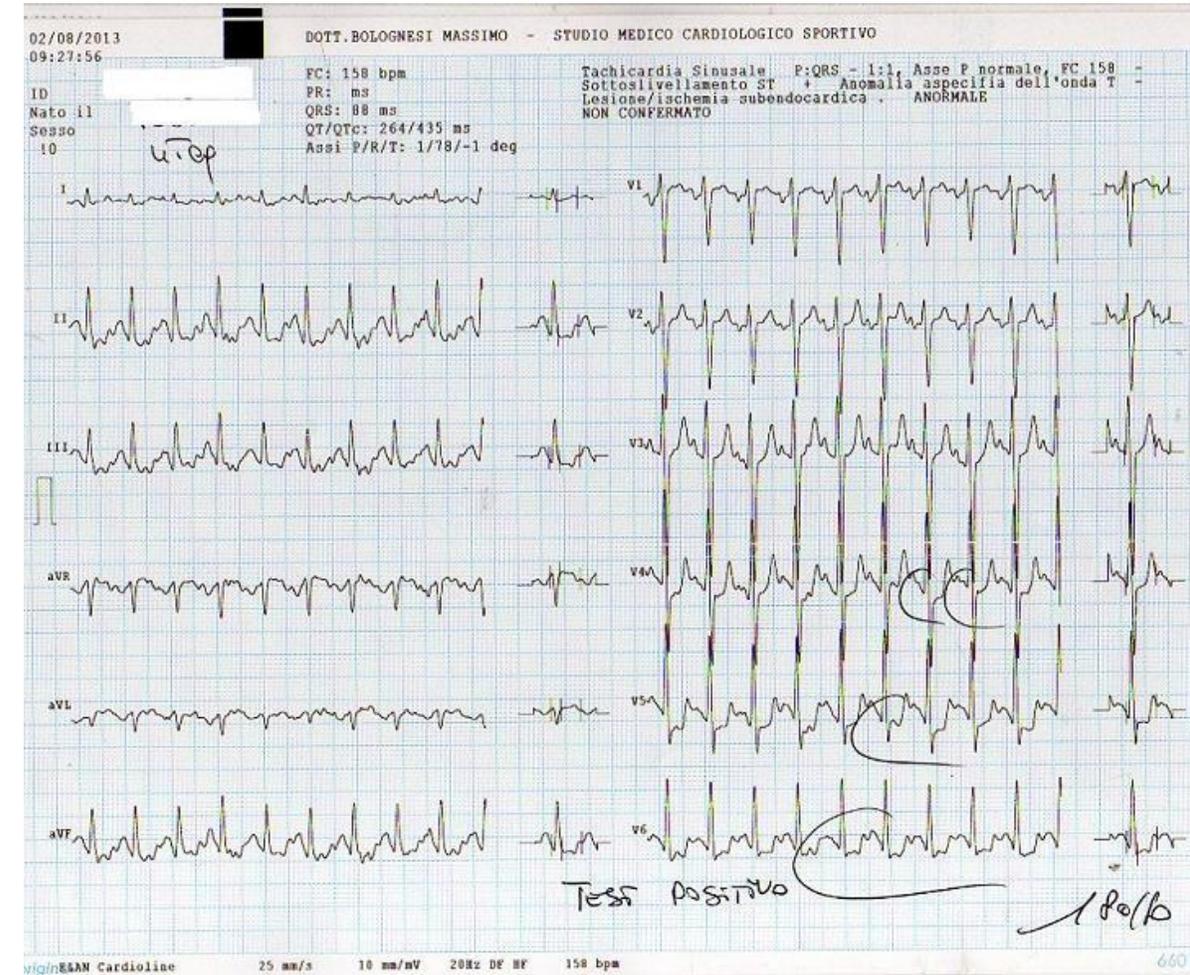
- 45 - years – old man
- Family History positive for CAD
- No cardiovascular risk factors
- Healthy asymptomatic maraton runner
- Physical examination unremarkable
- Good physical fitness with 60/ml/kg of VO_2 max
- Regular Training (80-90 Km/week)
- Previous sport medical evaluation normal

Elettrocardiographic Findings

Normal Resting ECG



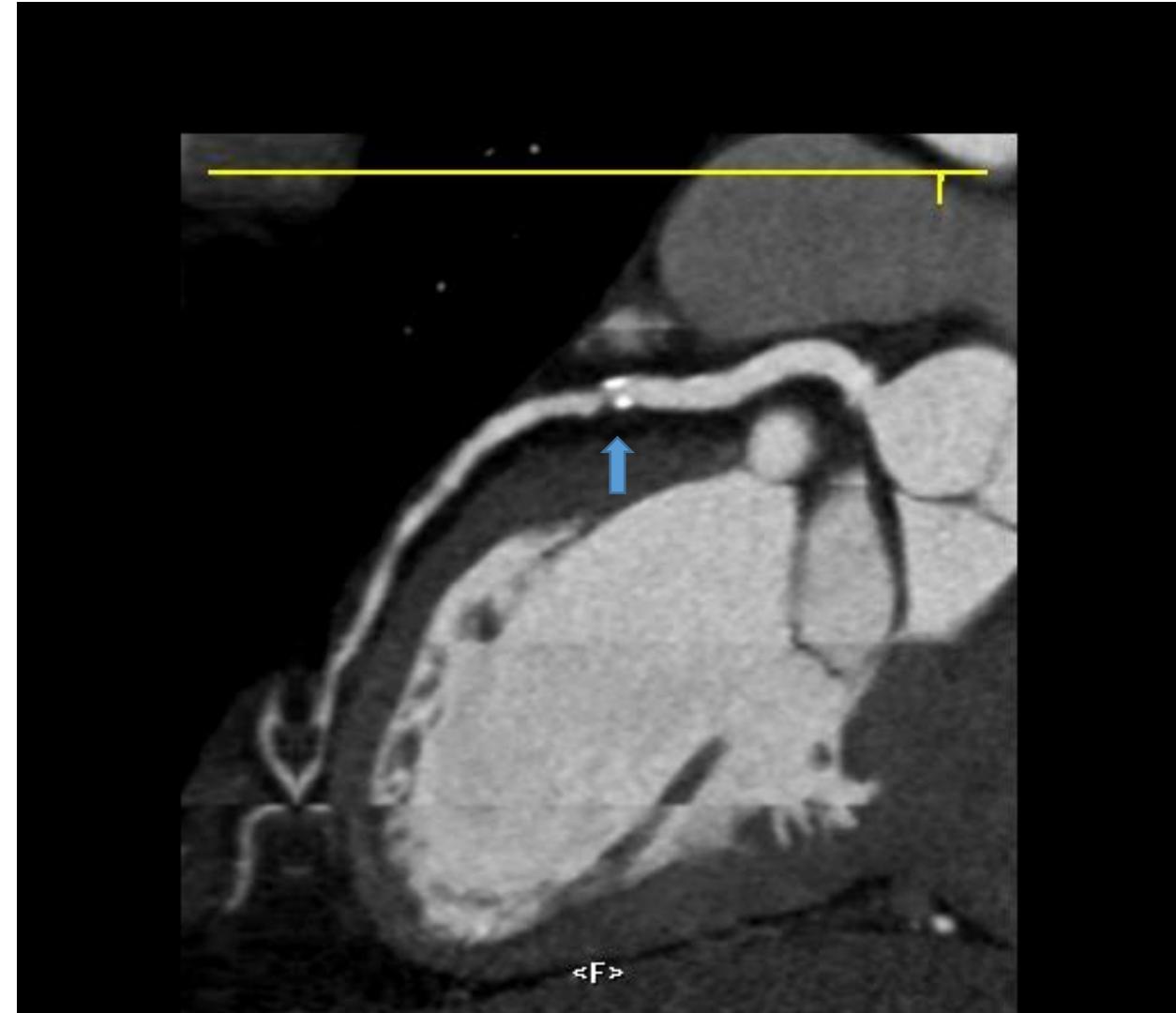
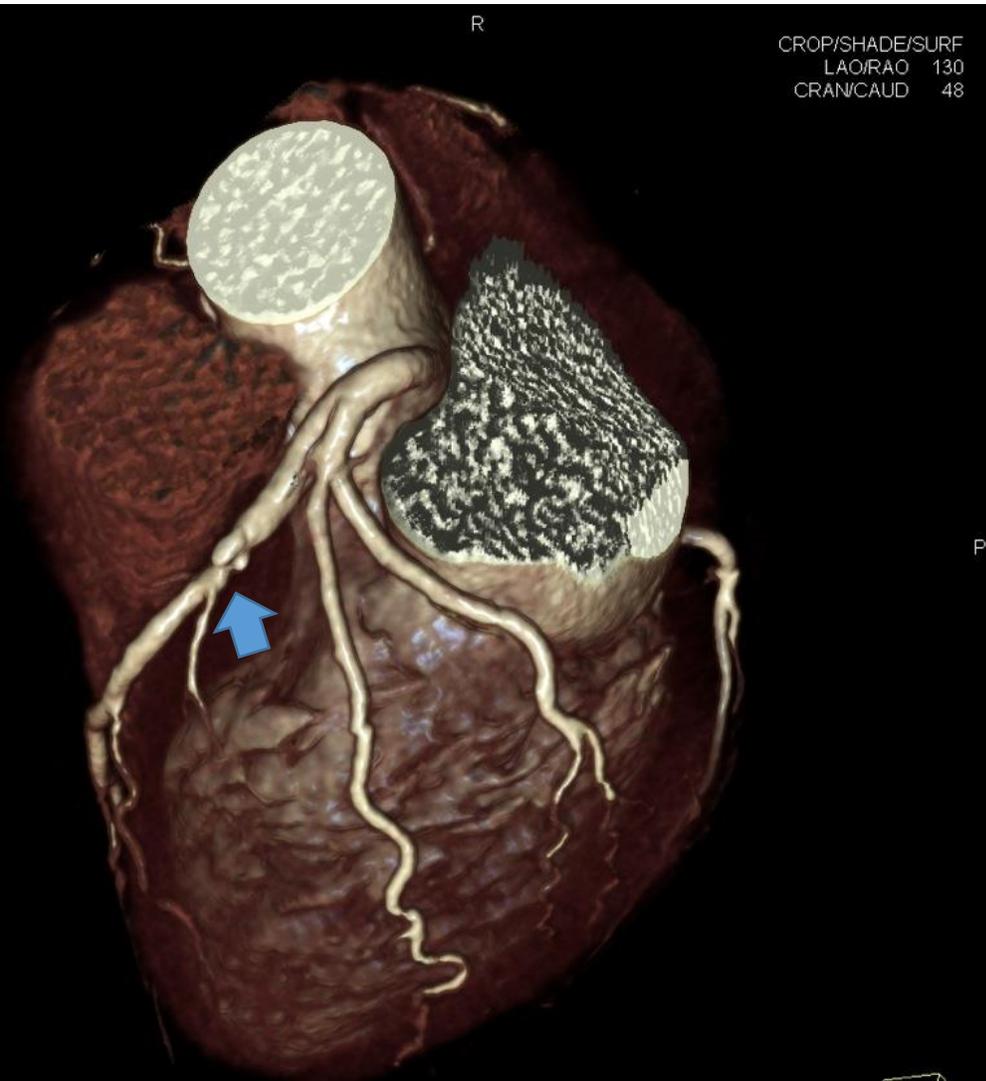
Positive ECG exercise stress testing



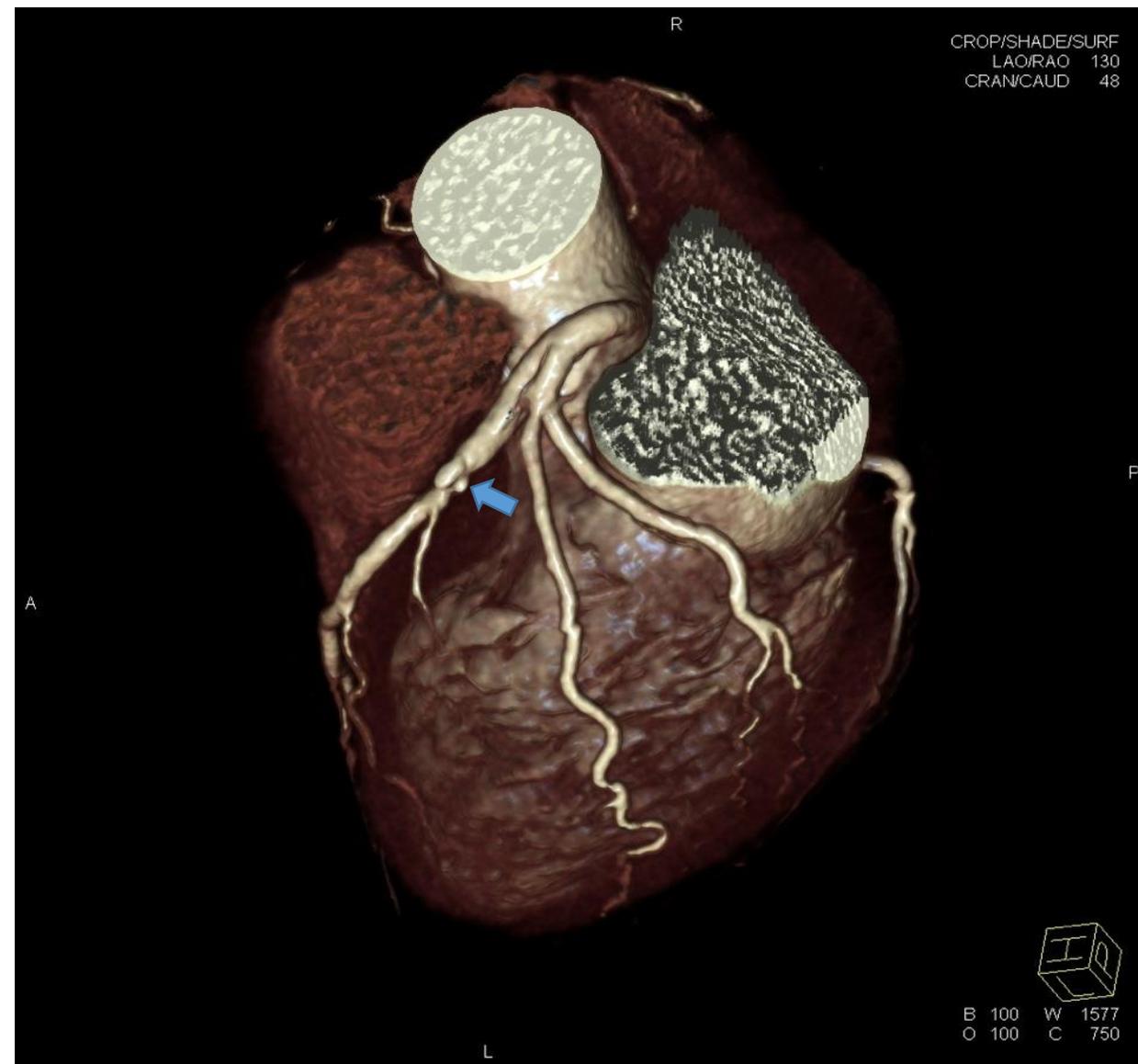
ECG features of Subendocardial ischemia induced by exercise stress testing



Coronary computed tomography angiography showed narrowing of proximal LAD



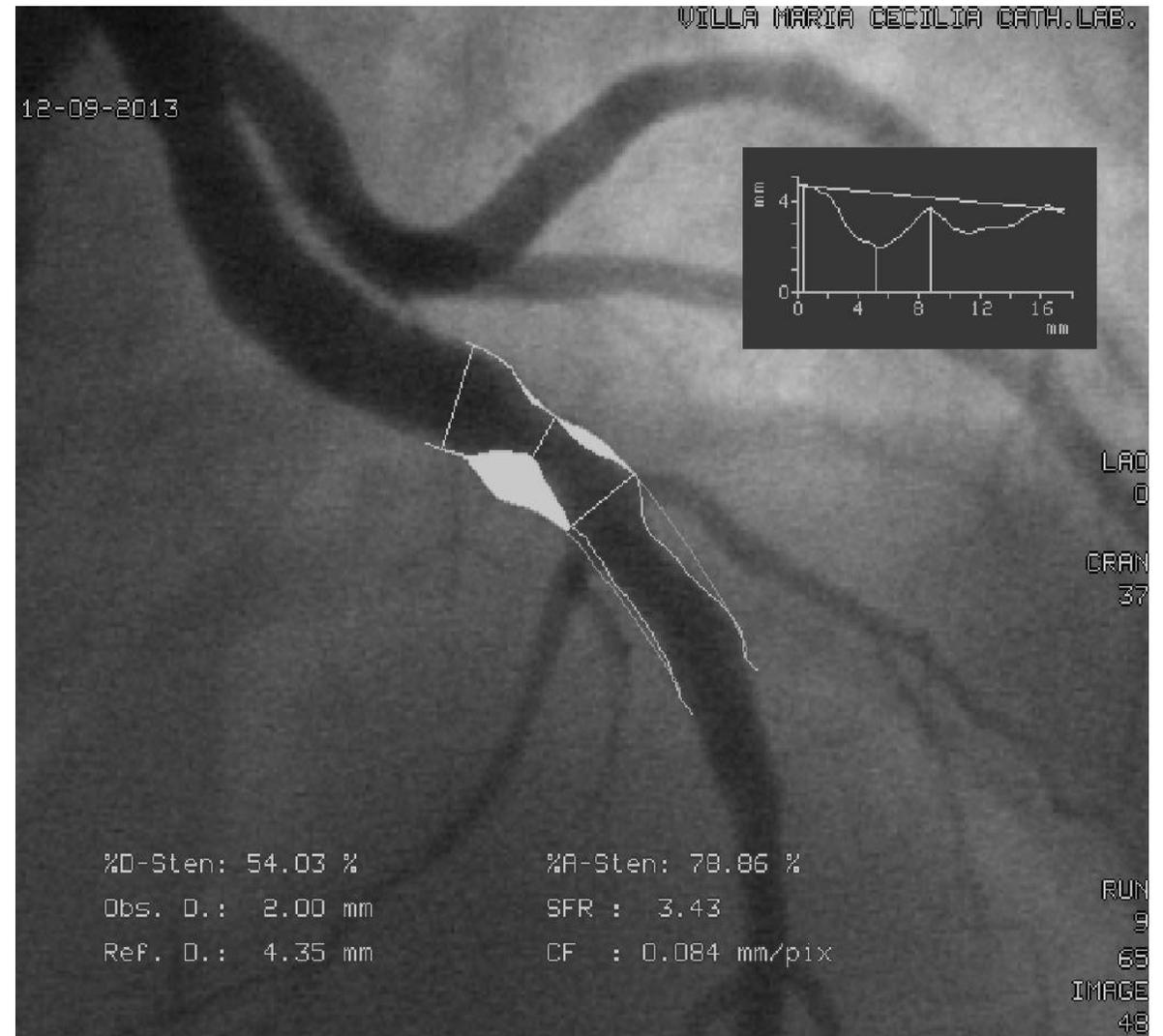
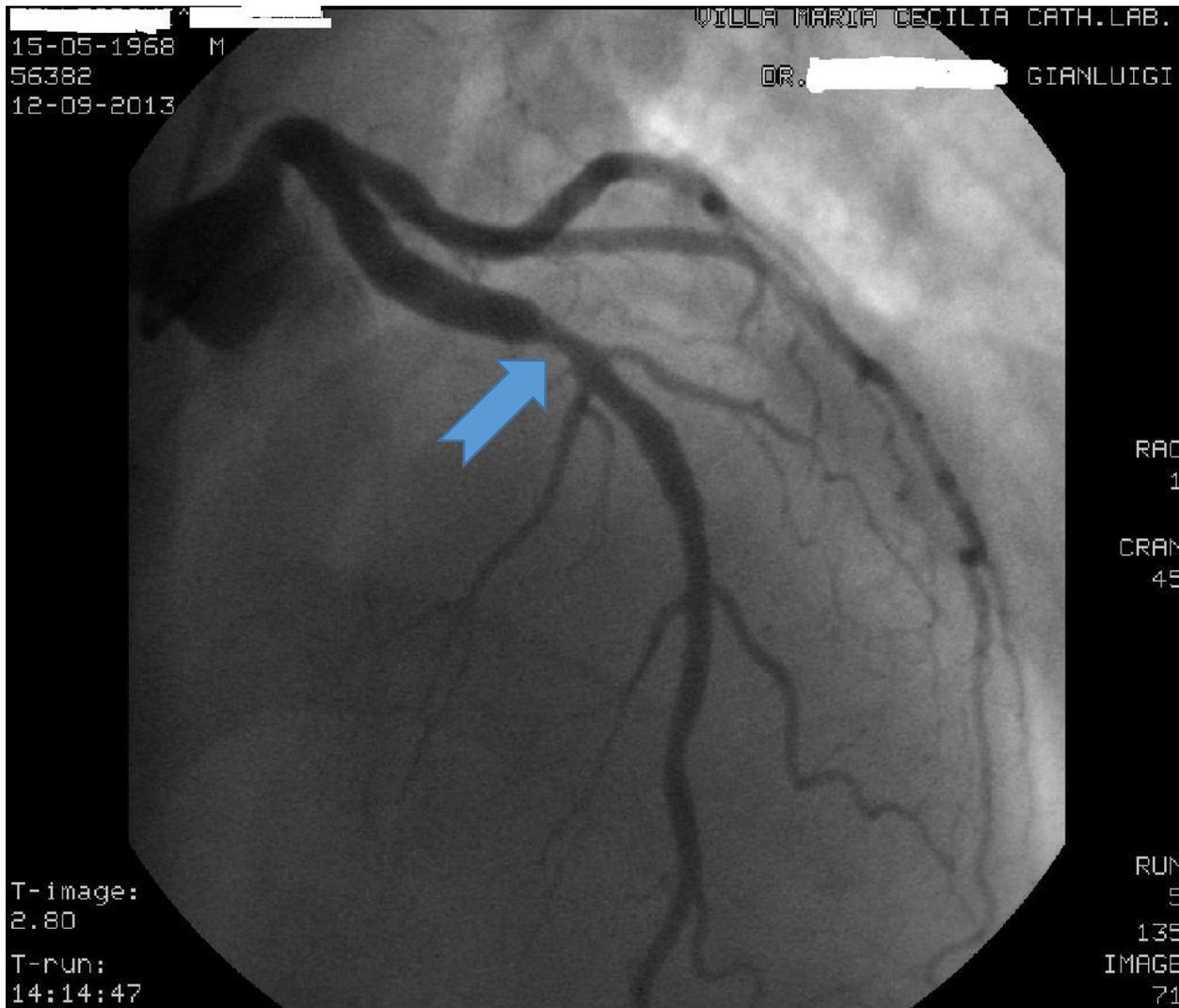
Coronary computed tomography angiography



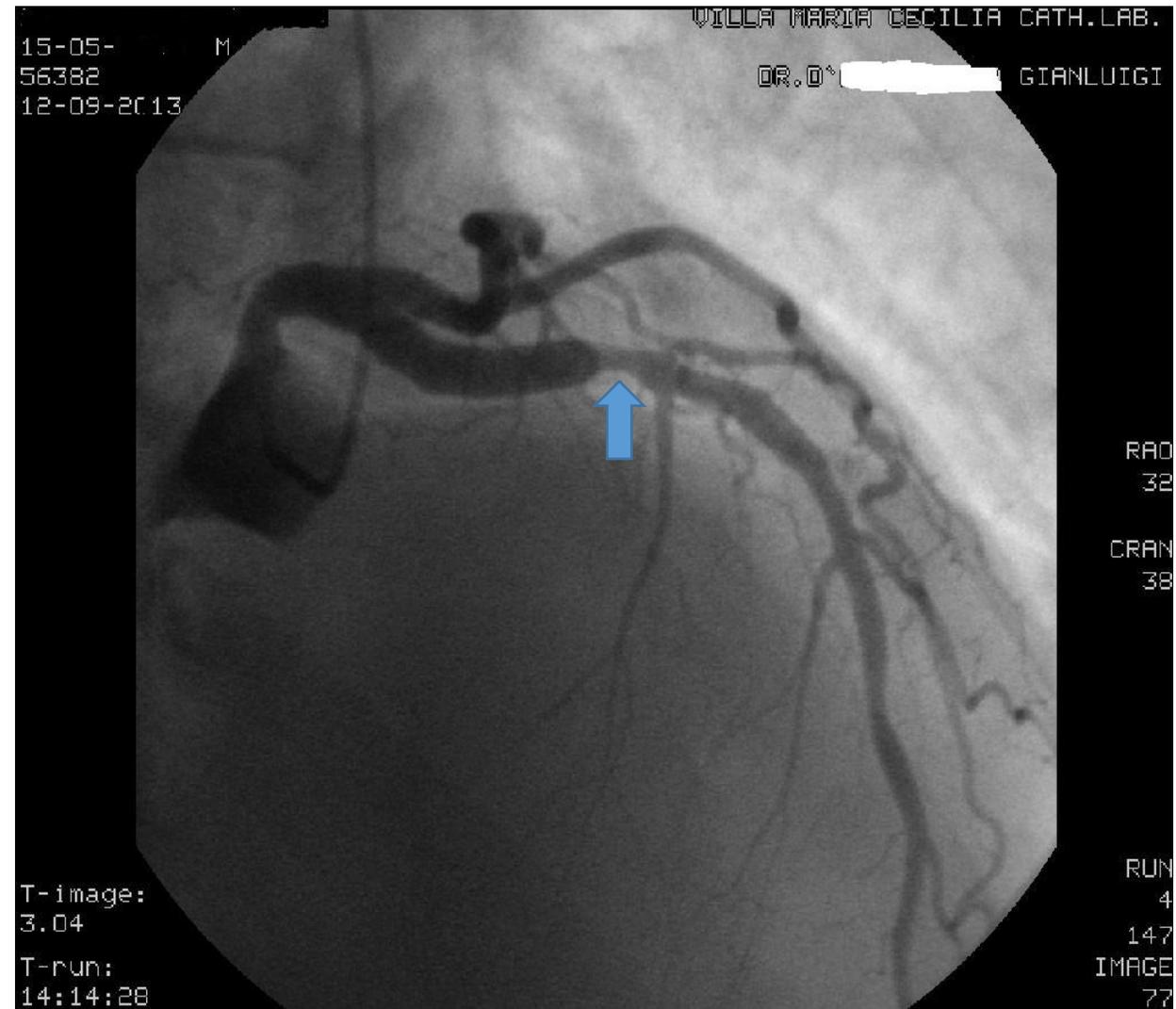
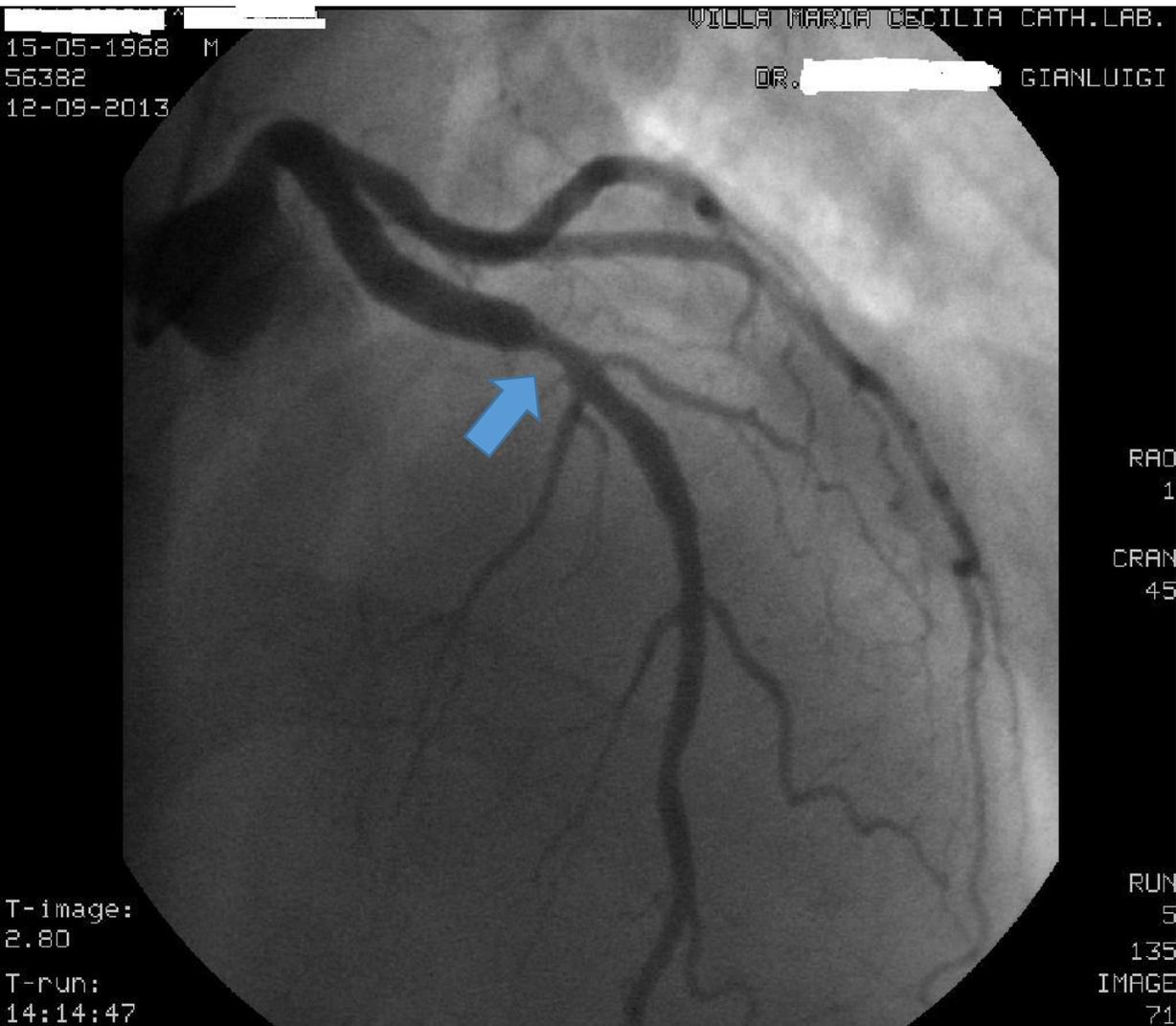
Proximal LAD artery stenosis > 70%



Coronary Angiogram before PCI



Coronary Angiogram before PCI



Balloon Angioplasty – PCI with Stent on LAD shows complete revascularization

