



High speed rotational atherectomy in distal coronary lesion

How would I treat ?

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54 years old woman:

- Chronic coronary syndrome (CCS 2/3)
- Previous PCI LM/LAD (09.2019)
- Hypertension
- Dyslipidemia
- Renal insufficiency (GFR 37 ml/min)



ECG:

Sinus rhythm 80/min, LAH, no ST depression

ECHO: LVEDd 45 mm, LAd 34 mm, EF 55%

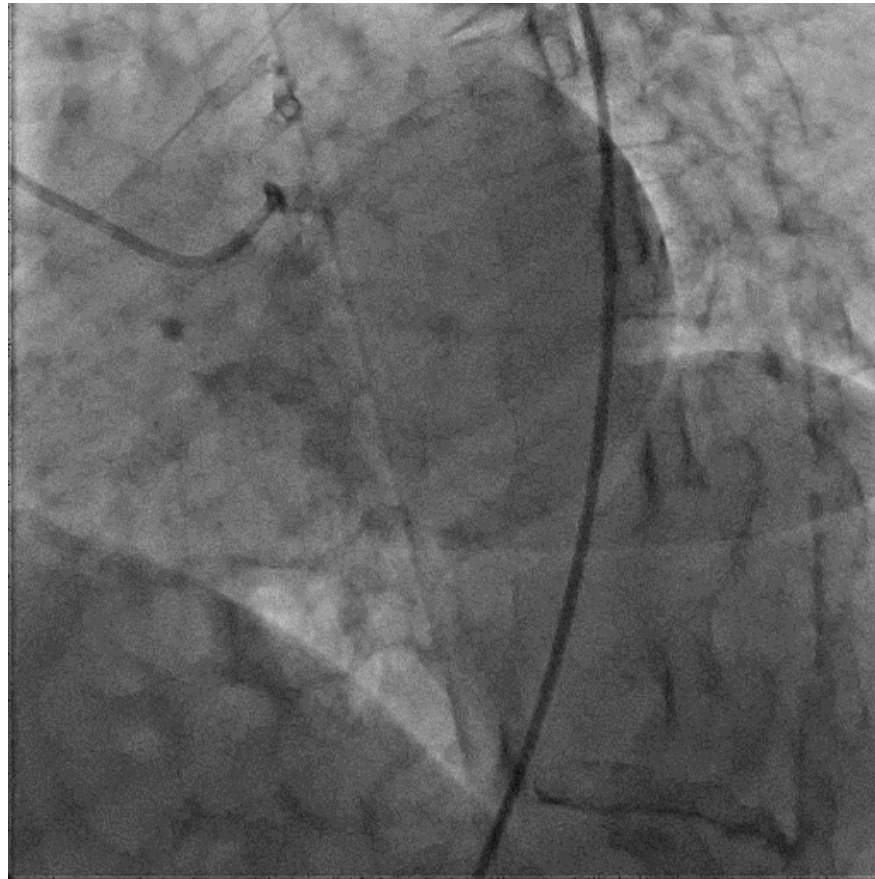
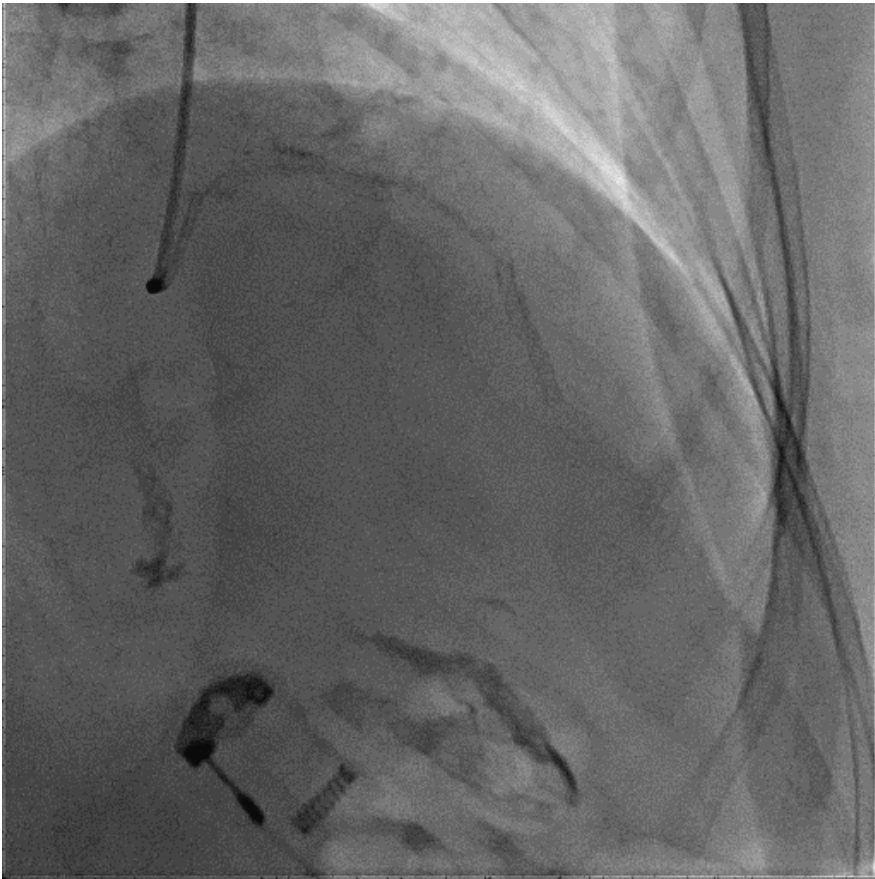
No abnormalities detected

Pharmacotherapy

- ASA 1 x 75mg
- Ticagrelor 2 x 90mg
- Ramipril 1 x 5mg
- Bisoprolol 1 x 2,5mg
- Atorvastatin 1 x 40mg
- Pantoprazol 1 x 20mg

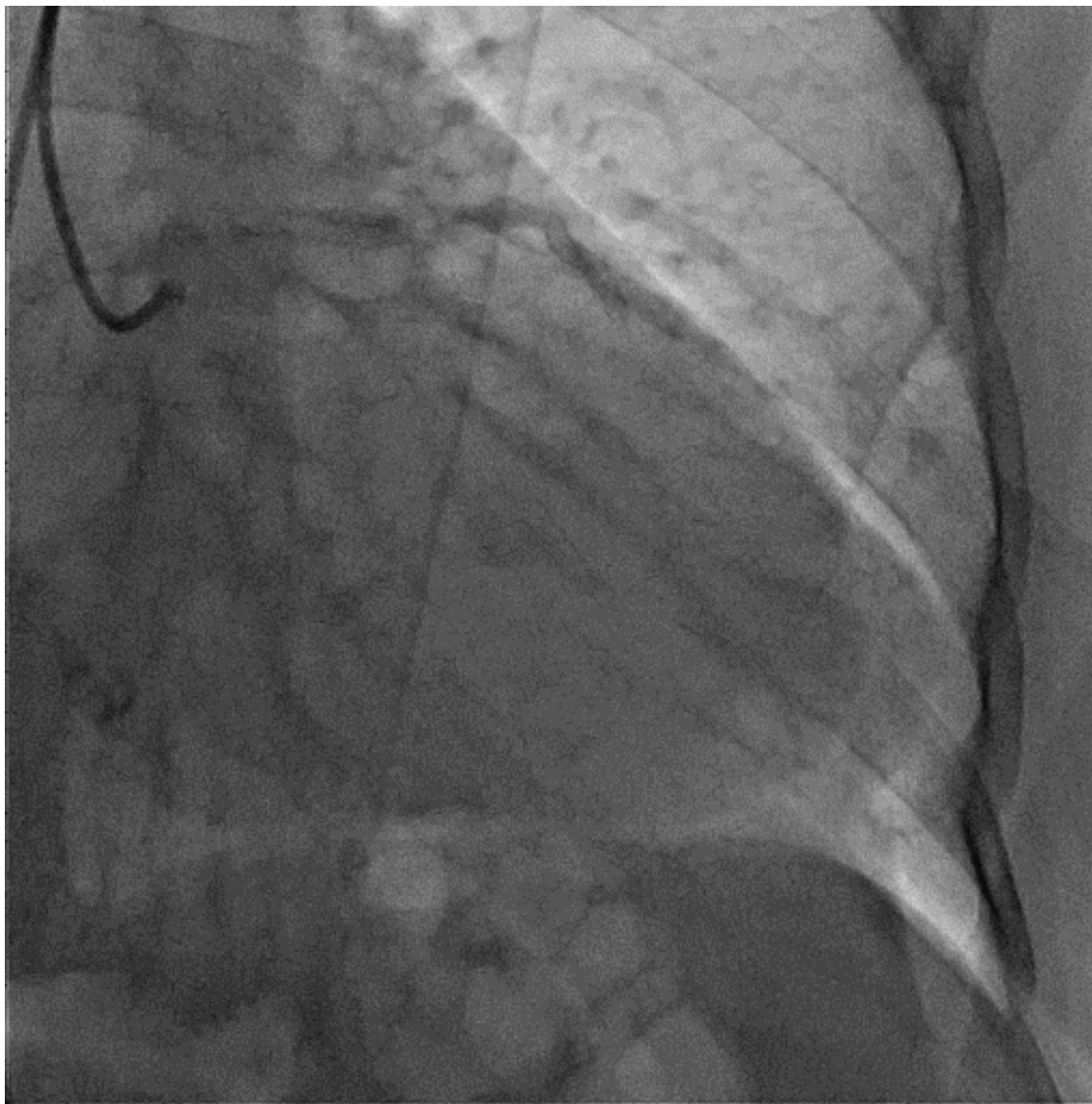


Left coronary artery



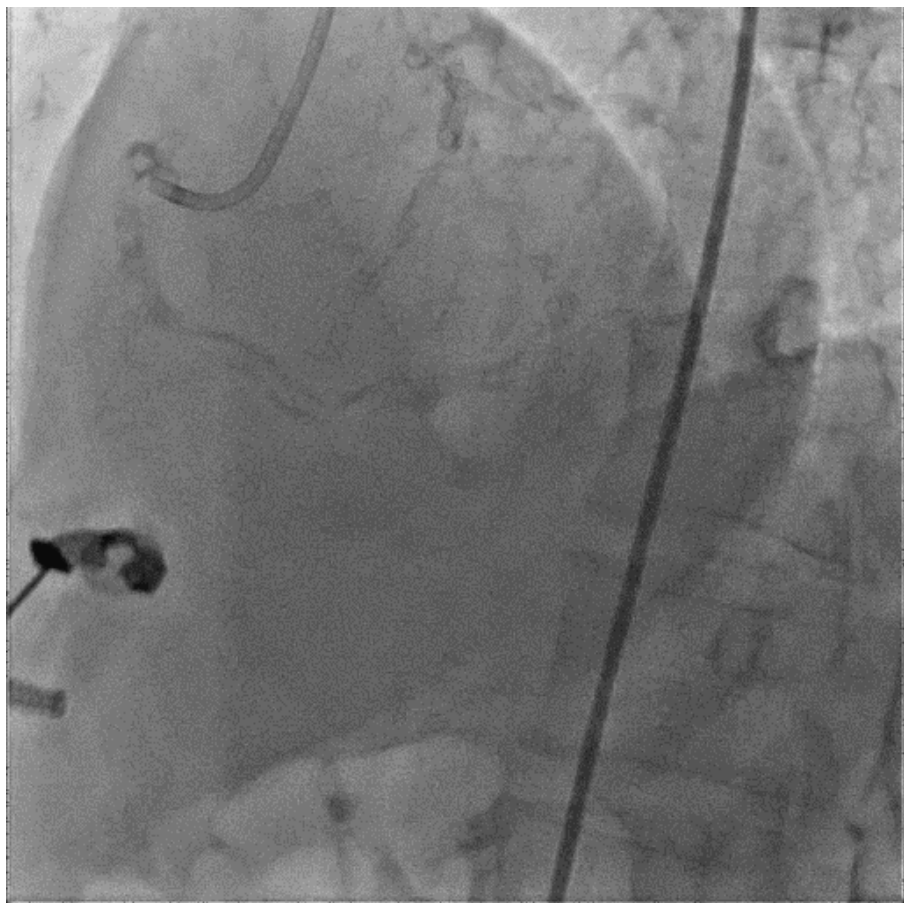


Left coronary artery



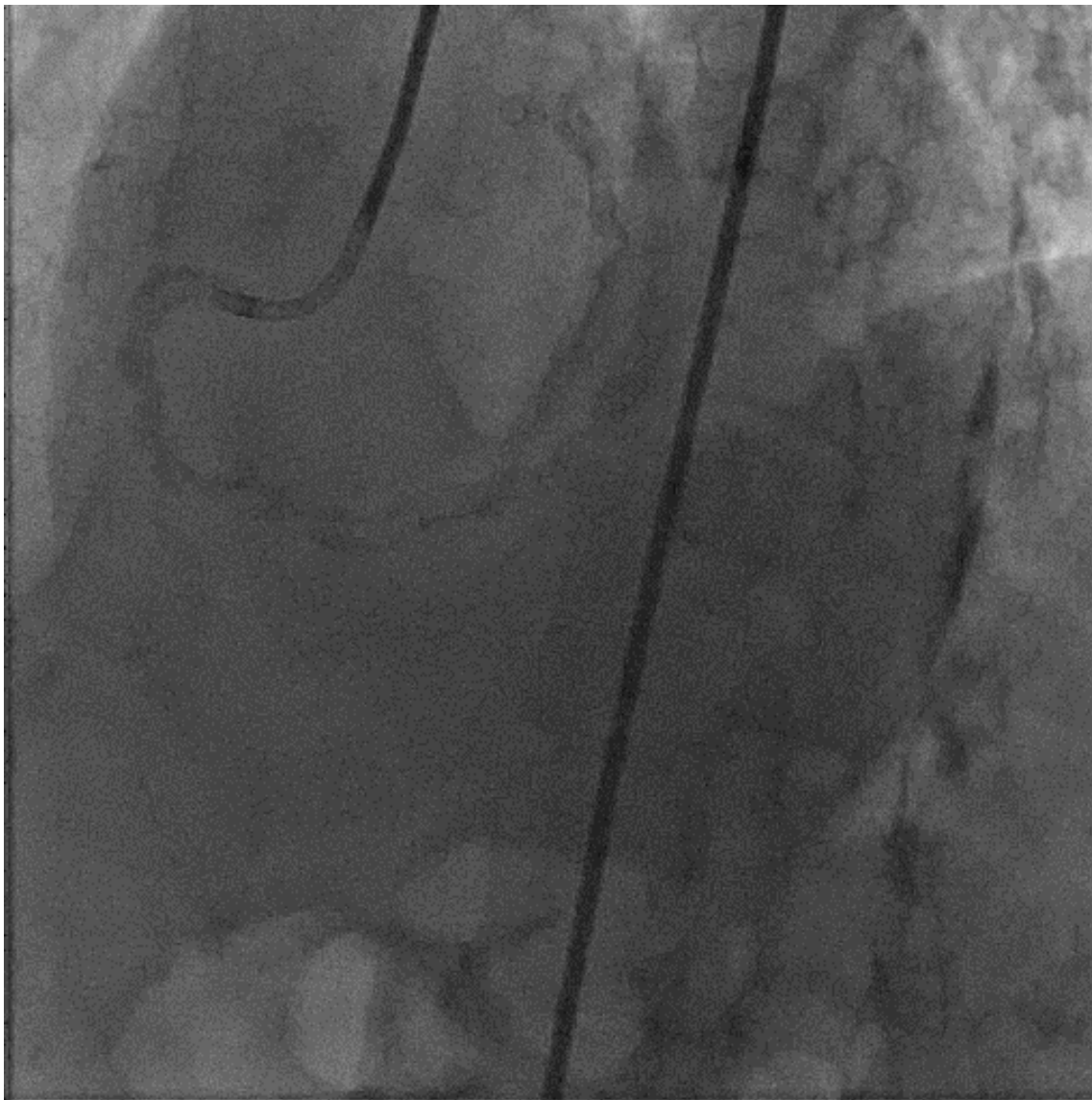


Right coronary artery





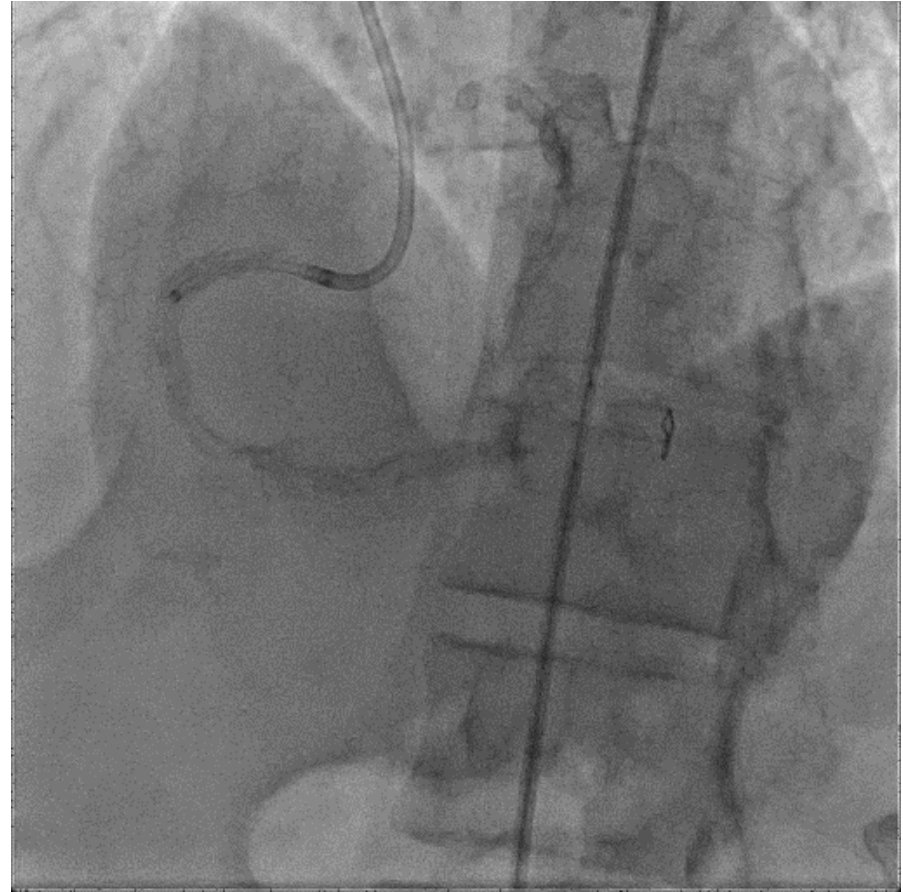
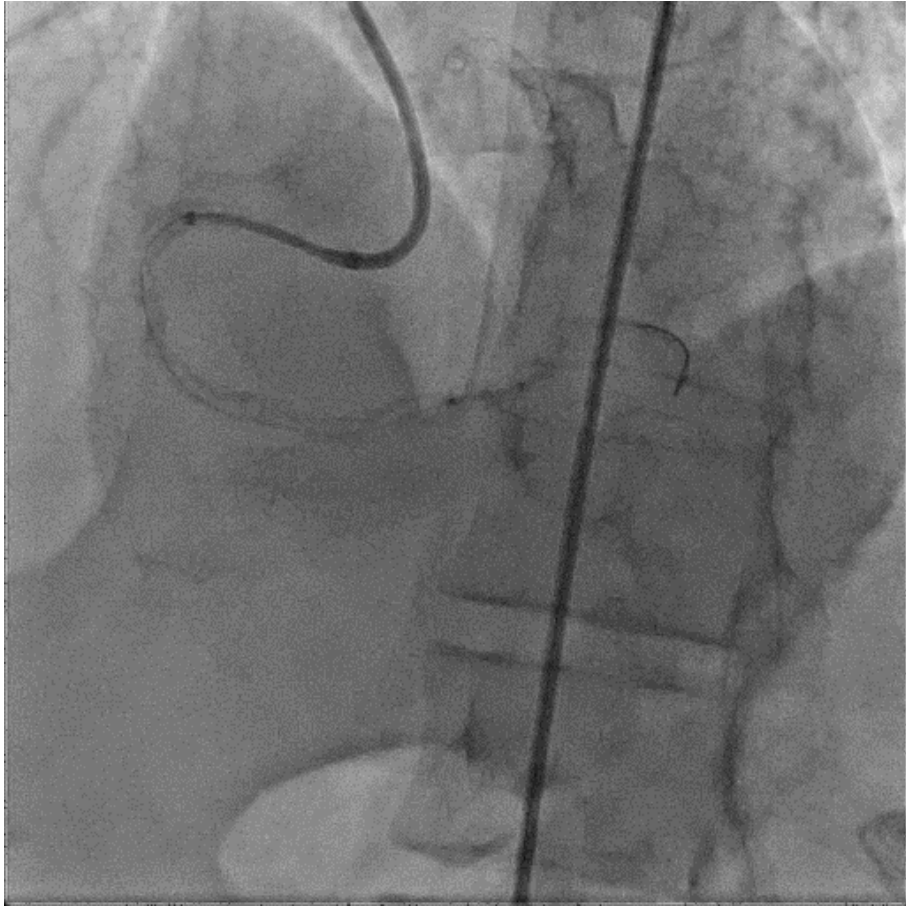
Right coronary artery



JR 4.0 7F + Guideline Extension Catheter Telescope



Failed balloon predilatation with NC 2.0x12mm



How would I treat the patient ?

- Due to distal location, I will abandon the procedure
- I will try with very high pressure balloon predilatation
- I will perform coronary rotablation



High speed rotational atherectomy in distal coronary lesion

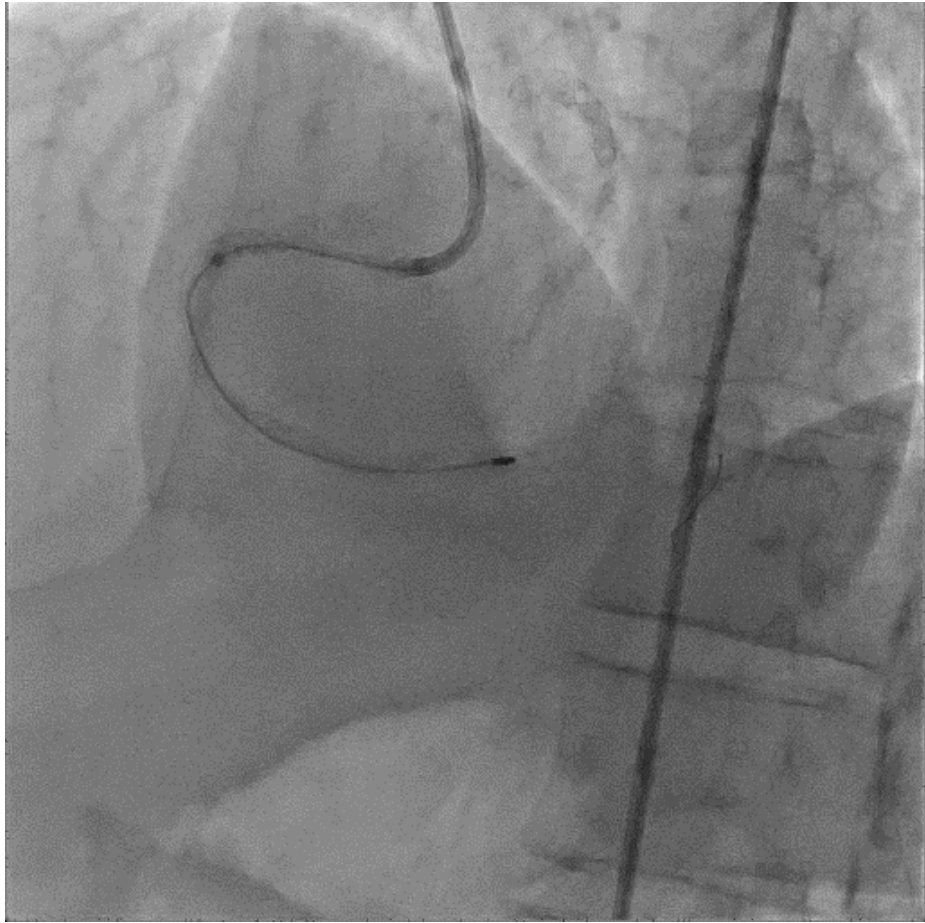
How did I treat ?

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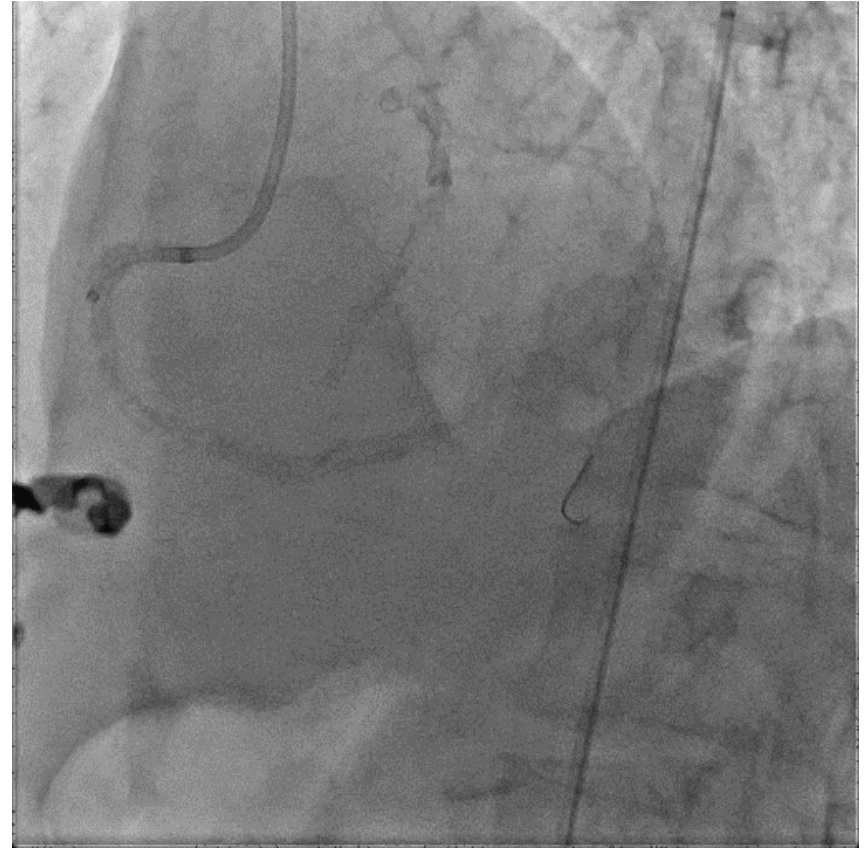
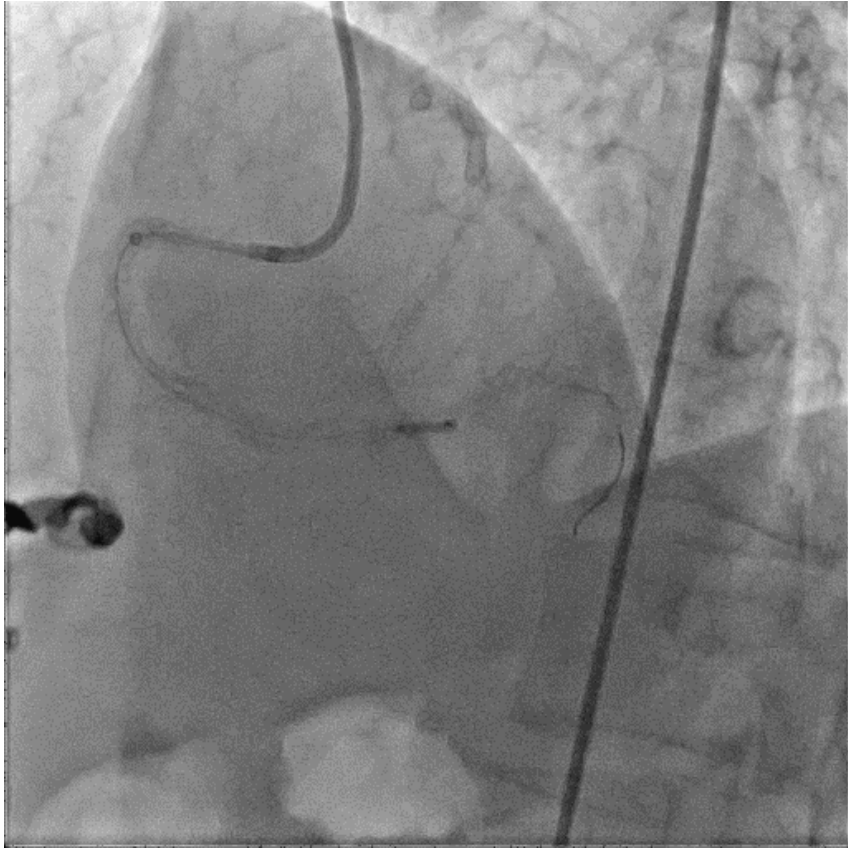
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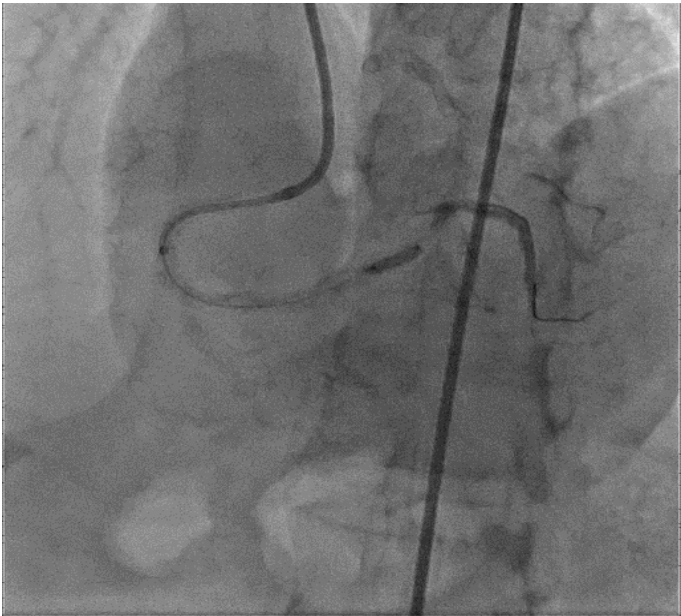
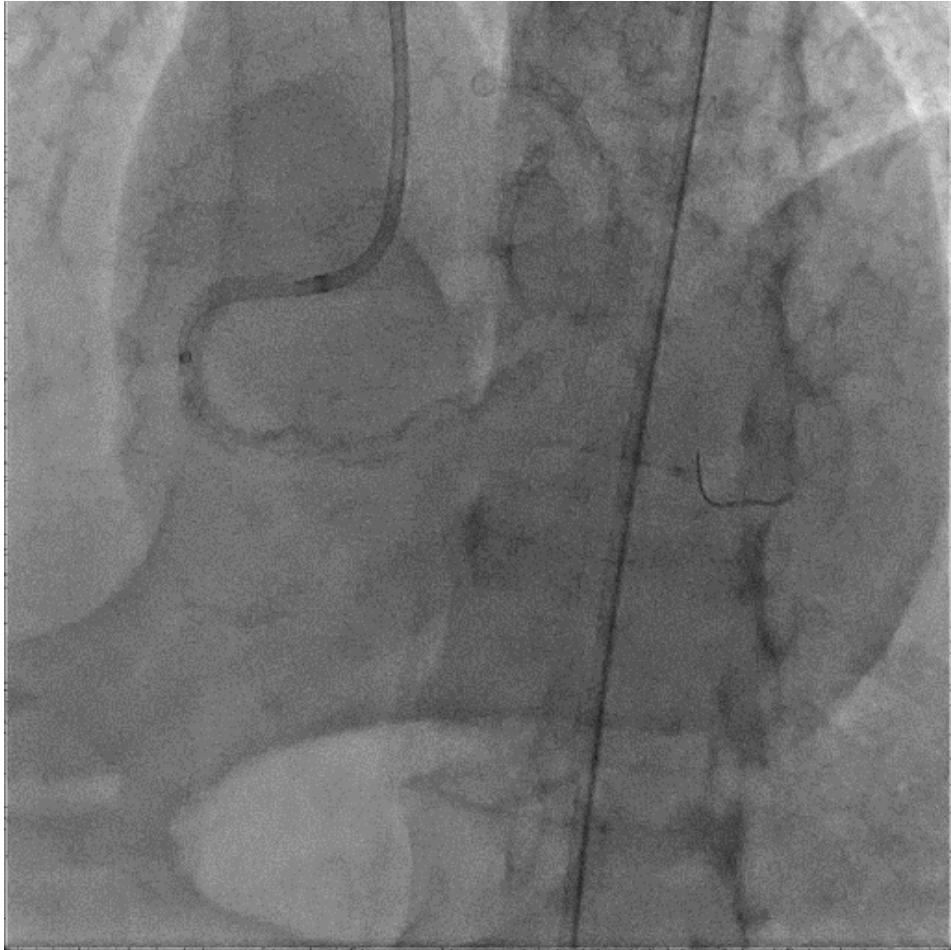
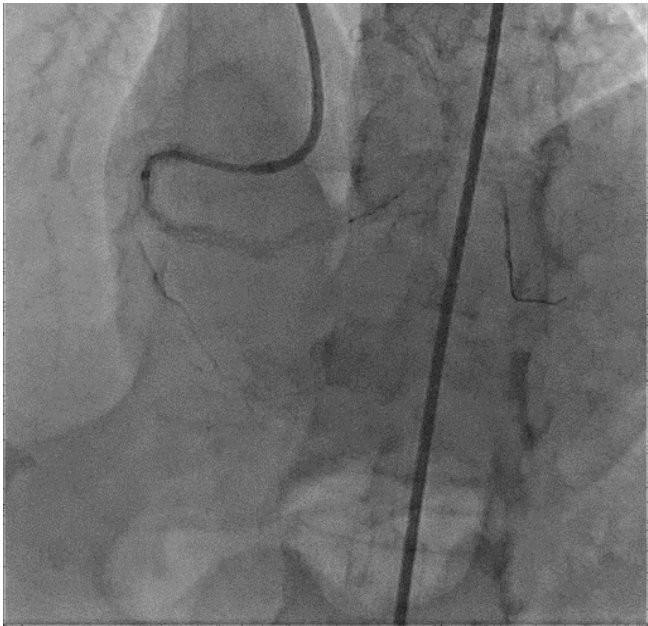
Rotational atherectomy with 1.25mm burr



Predilatation with NC 2.0x8mm, 2.25x10mm i 2.5x6mm balloons



Orsiro stent implantation
2.5x9mm (15 atm.)



Final result





- *Discharged home on next working day*
- *Cardiac markers were normal*
- *No angina at 6 month follow up*
- *Scheduled for FFR in LAD*

