

Bifurcation intervention

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- Male patient aged 59 year old.
- Diabetic (NIDDM).
- Hypertensive.
- Typical anginal pain.
- Normal ECG.
- Averaged Echo. cardiographic examination apart from left ventricular diastolic dysfunction. LVEF 63%.

Diagnostic coronary angiography

- Left main: Normal.
- Left anterior descending: Atherosclerotic vessel, with mid segment 70 % lesion.
- Total occluded Ramus intermedius.
- Left circumflex: Atherosclerotic vessel, with mid segment 70 % lesion.
- Right coronary artery: Atherosclerotic vessel, with mid segment long 80 % lesion.

What is the PCI Plane

- PCI to LAD.
- Trial PCI to totally occluded Ramus.
- PCI to LCx.
- Then PCI to RCA in another session.

PCI to LAD



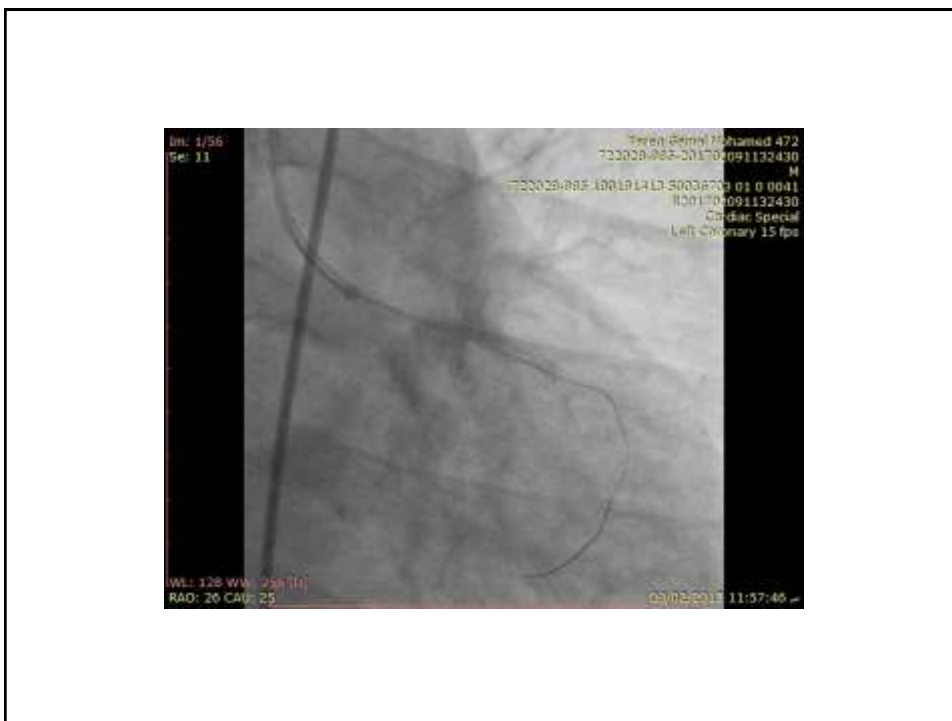
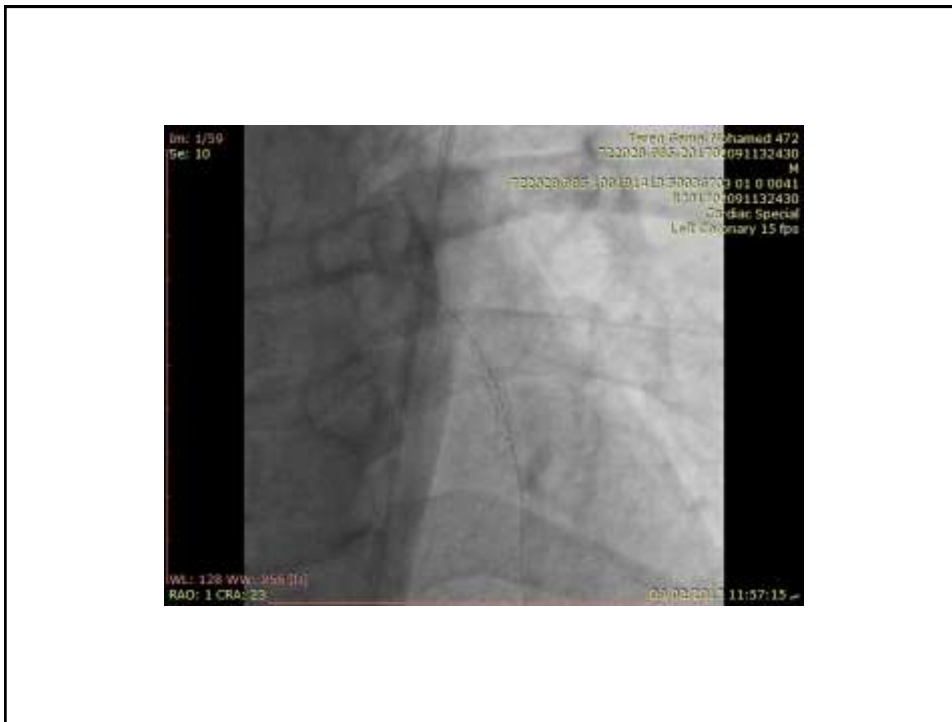
PT2 Light support wire

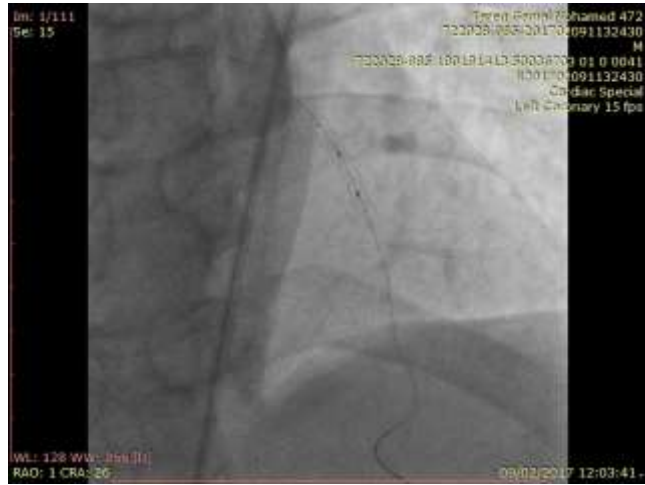


3x20 DES



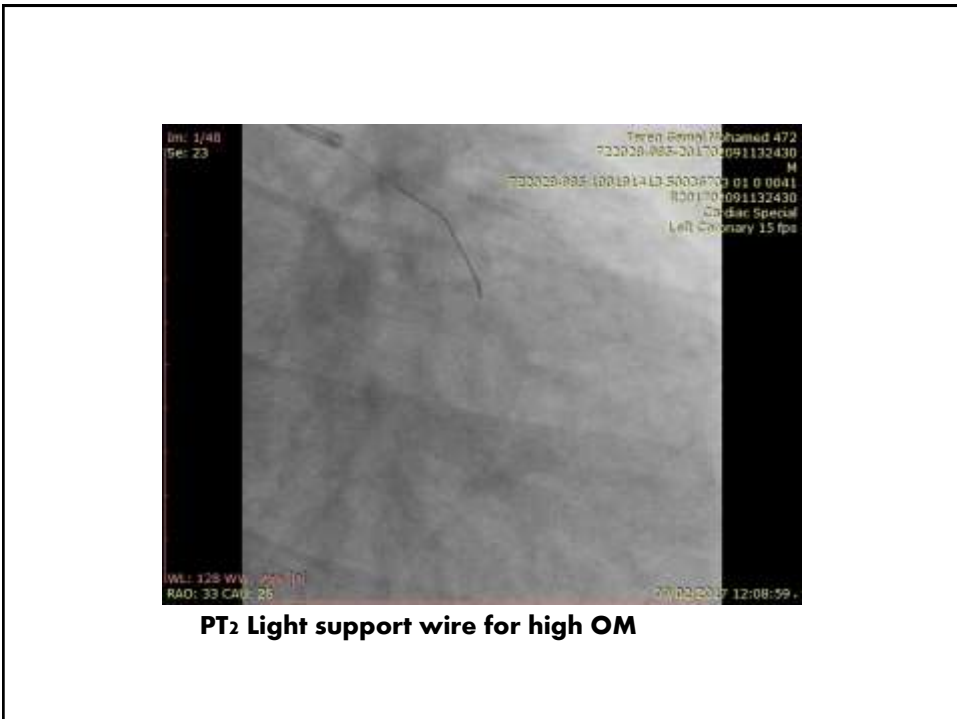
13 atm

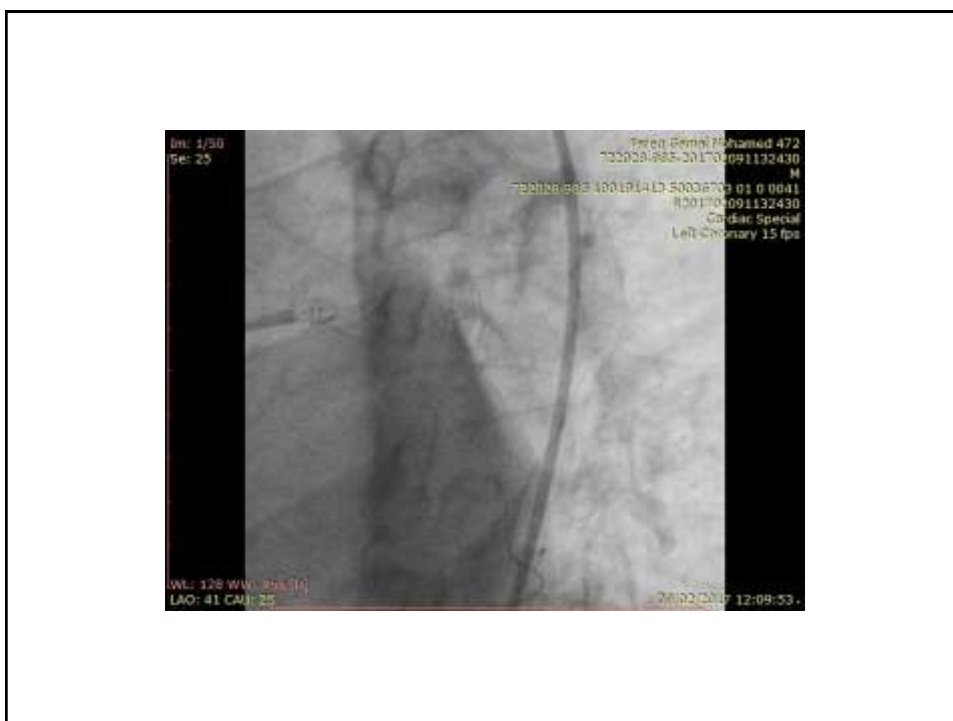
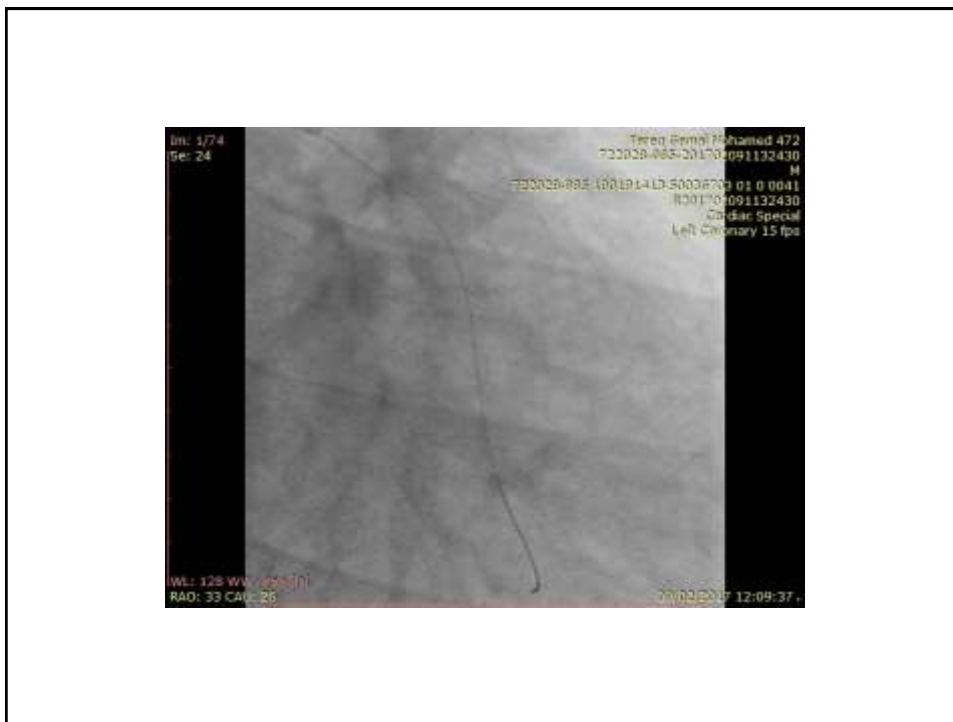


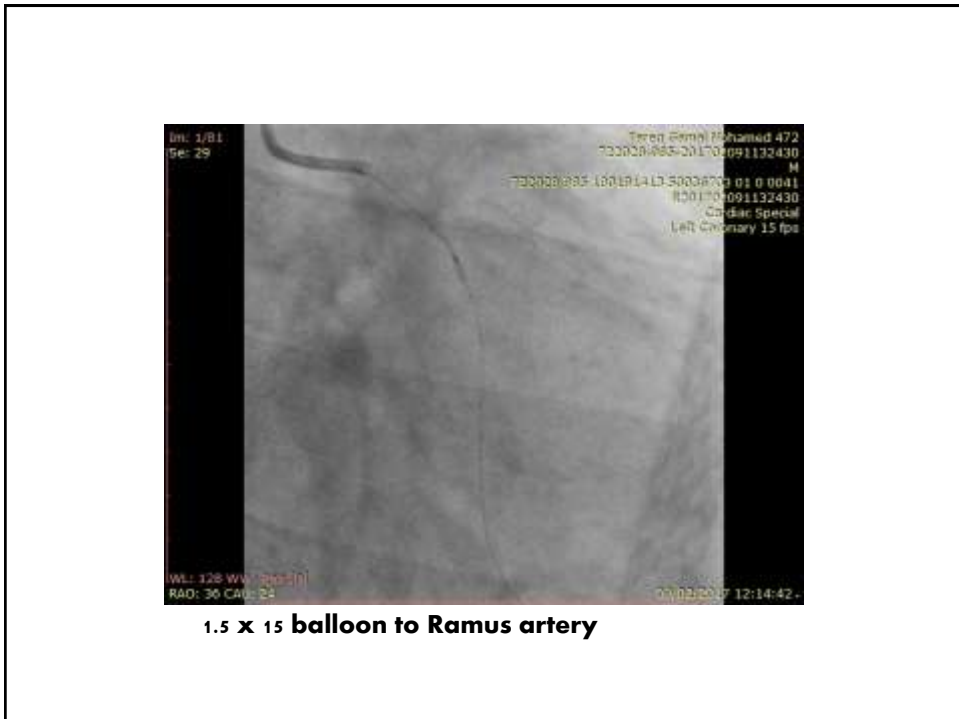
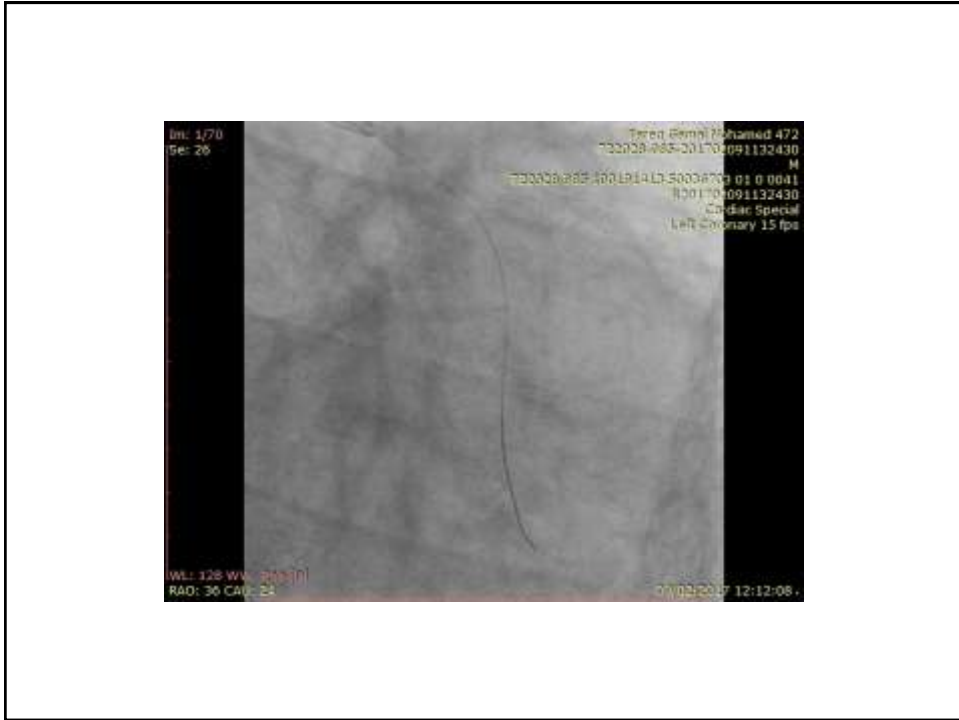


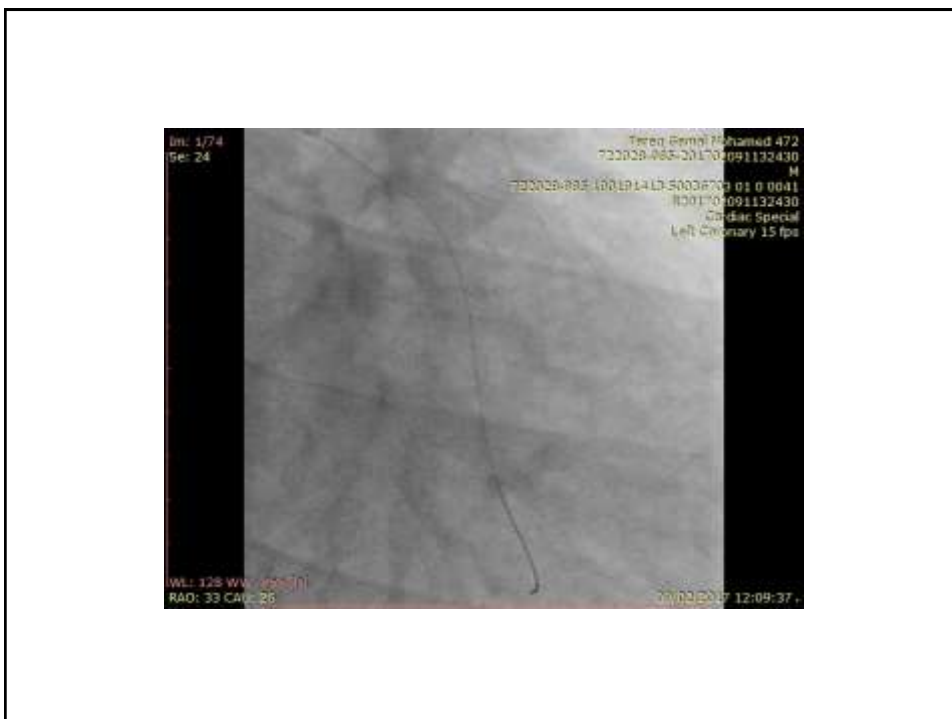
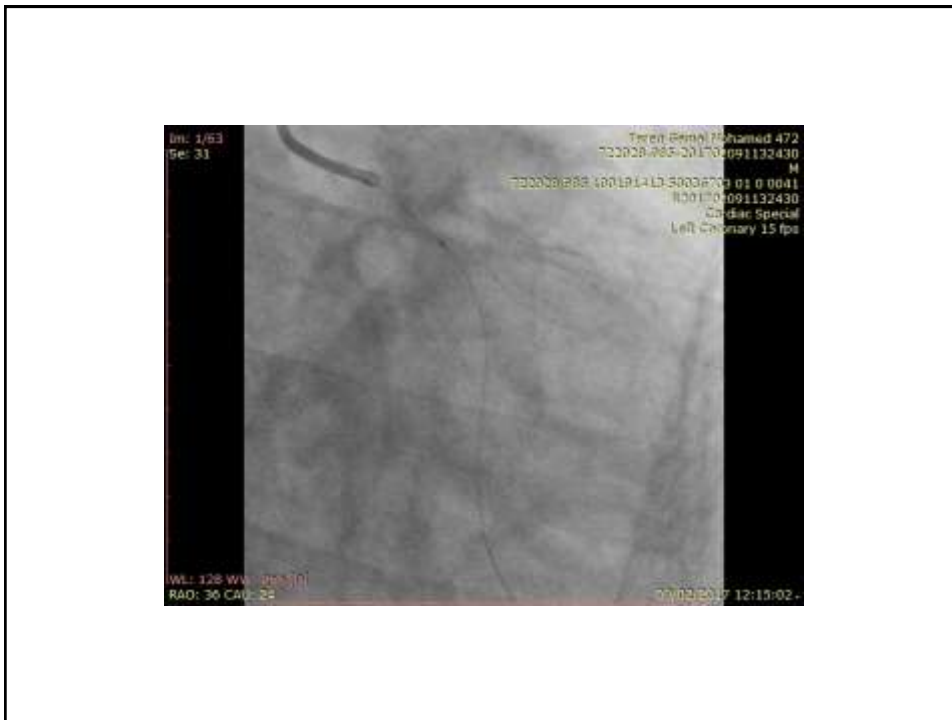
3.5 x 10 high pressure balloon

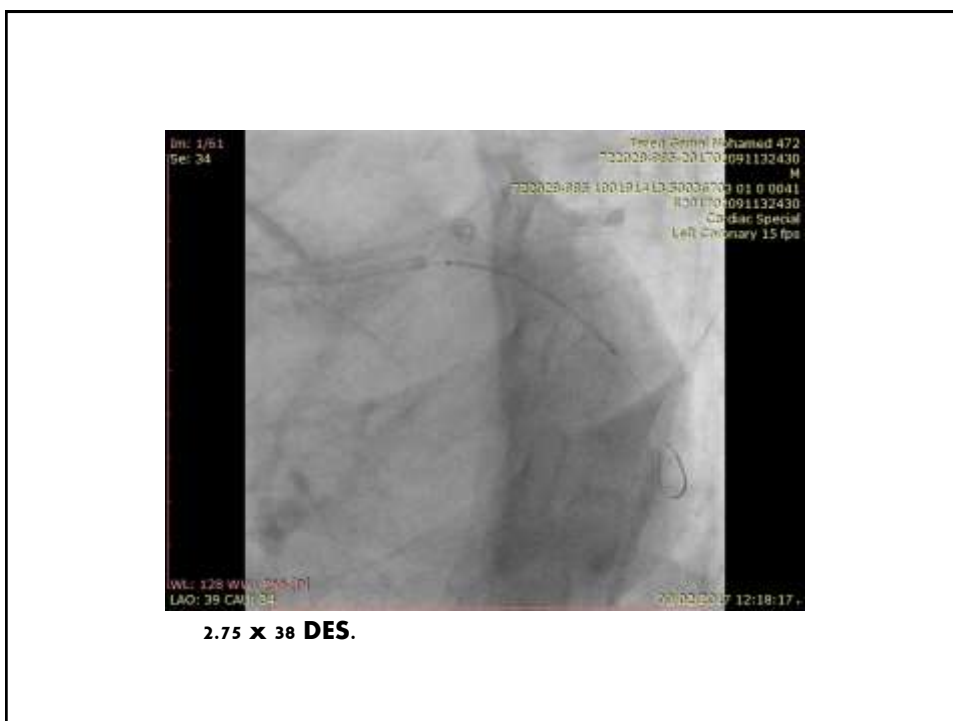
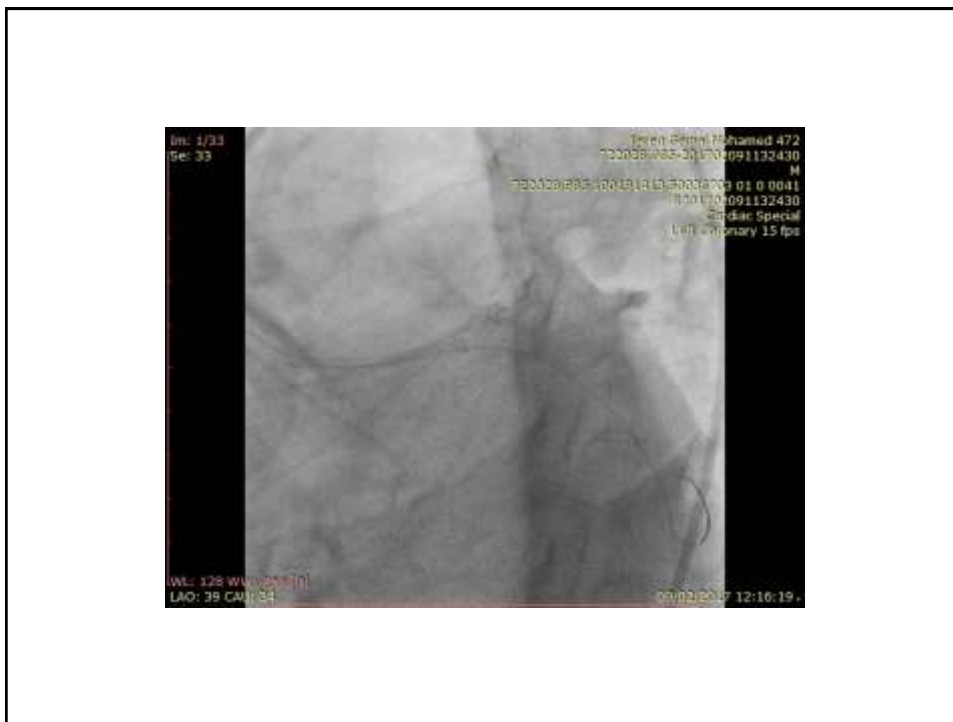


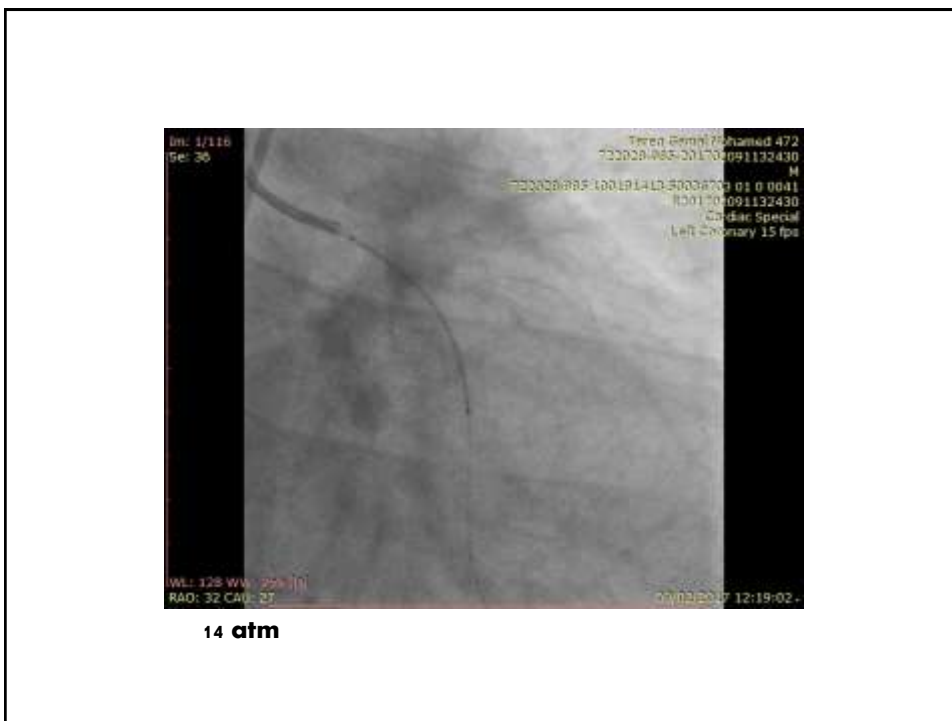
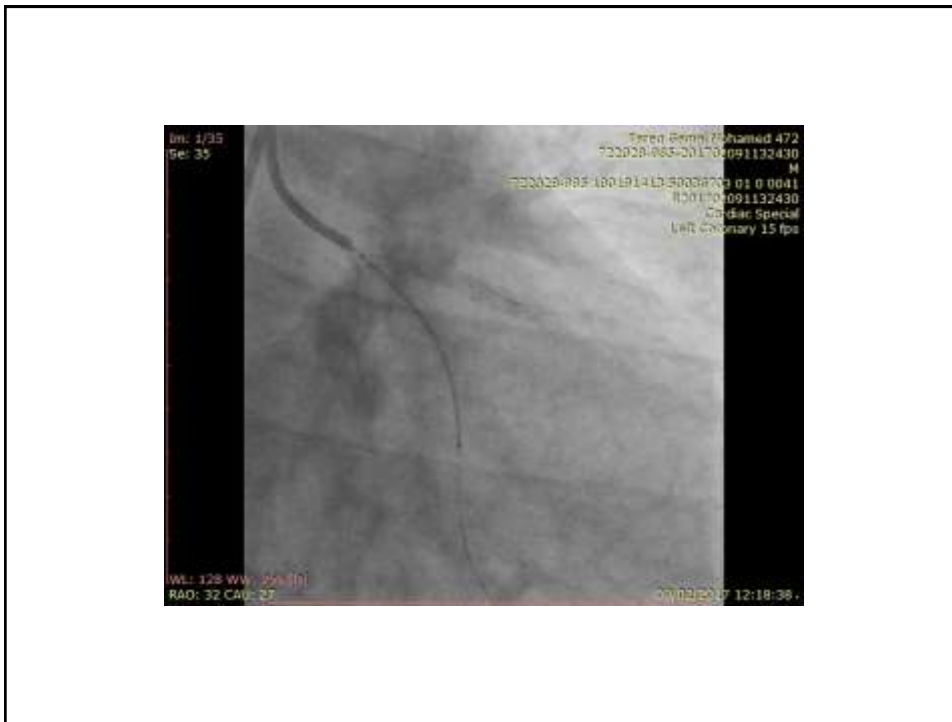


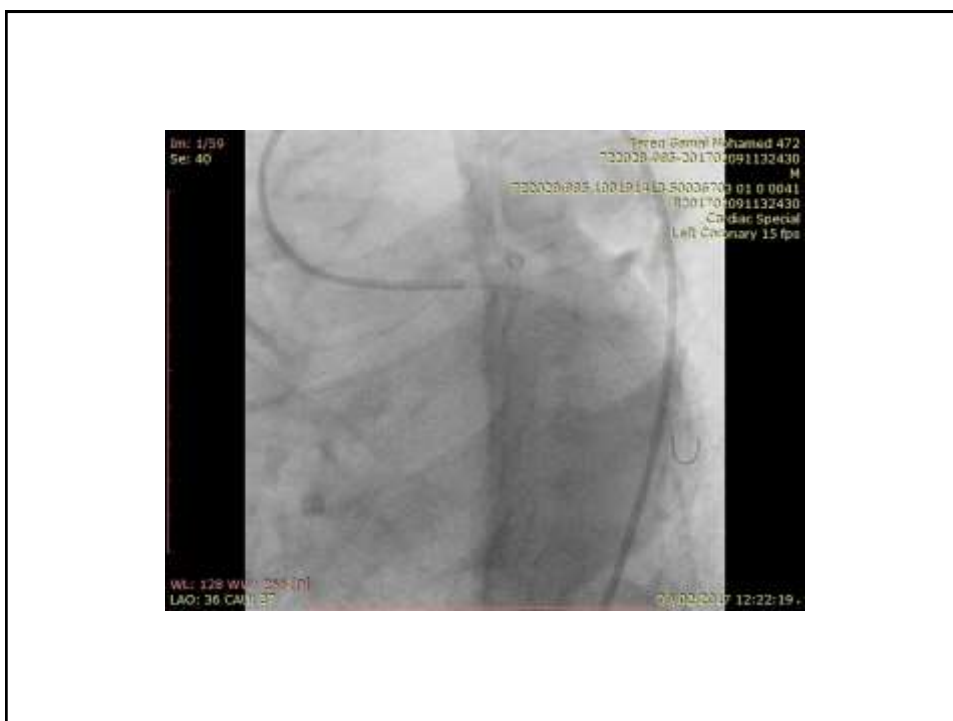
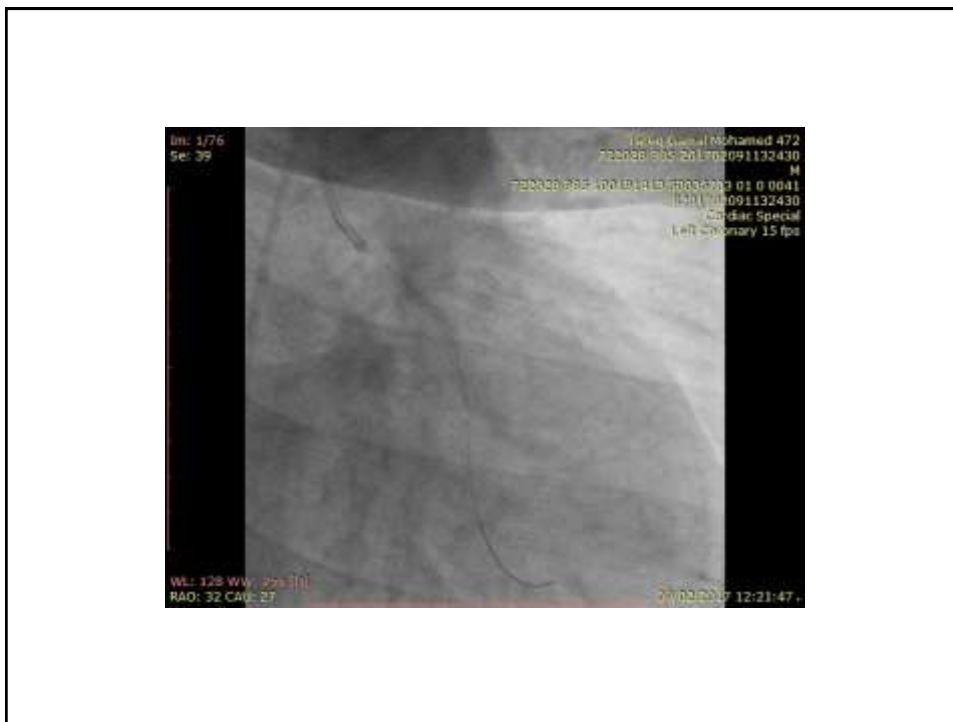














Ostial LCX affection

- LCx is large with big 3rd OM.
- The Ramus stent affect the Cx ostium with plaque shift.
- TIMI flow III in LCx.
- LCx mid 70 % lesion.
- What is the next step.

- PCI to LCX with ostial bifurcating lesion
medina (0,1,1).

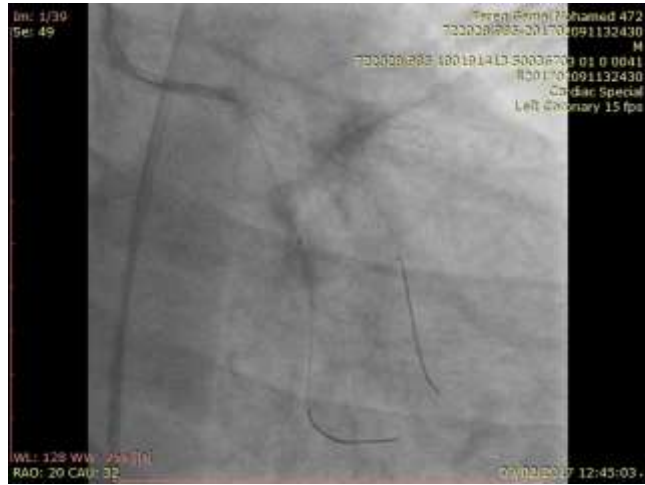


PT 2 light support wire for LCx



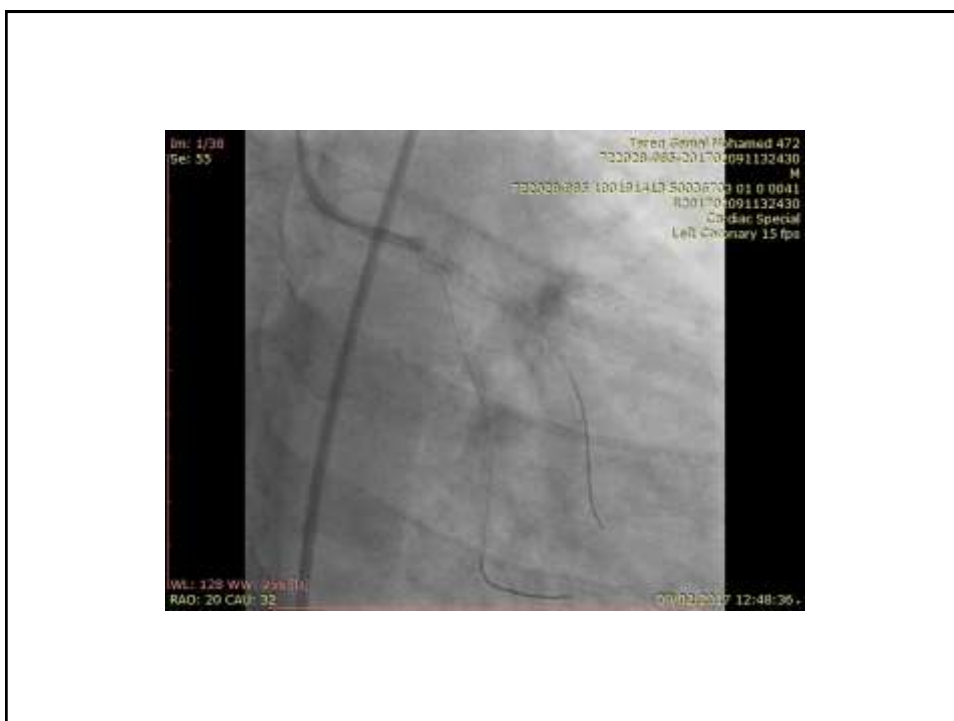
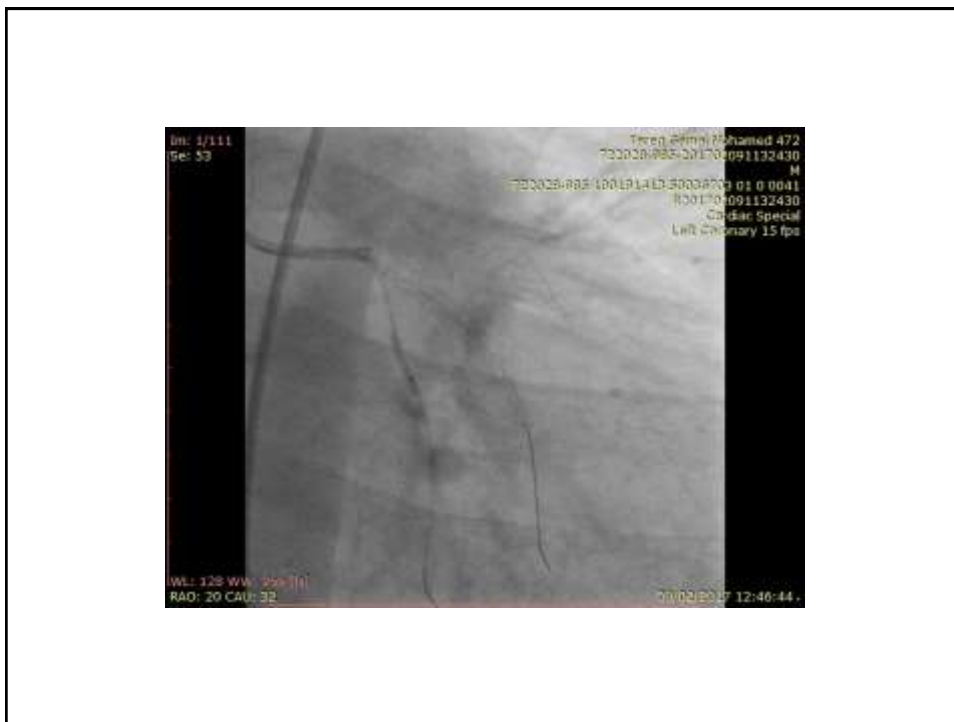
1.5 x 15 Balloon to ostial LCX at 18 atm.





1.5 x 15 Balloon to mid LCX lesion at 18 atm.







**2.5 x 38 mm DES to LCx.
3x 20 balloon in Ramus.**

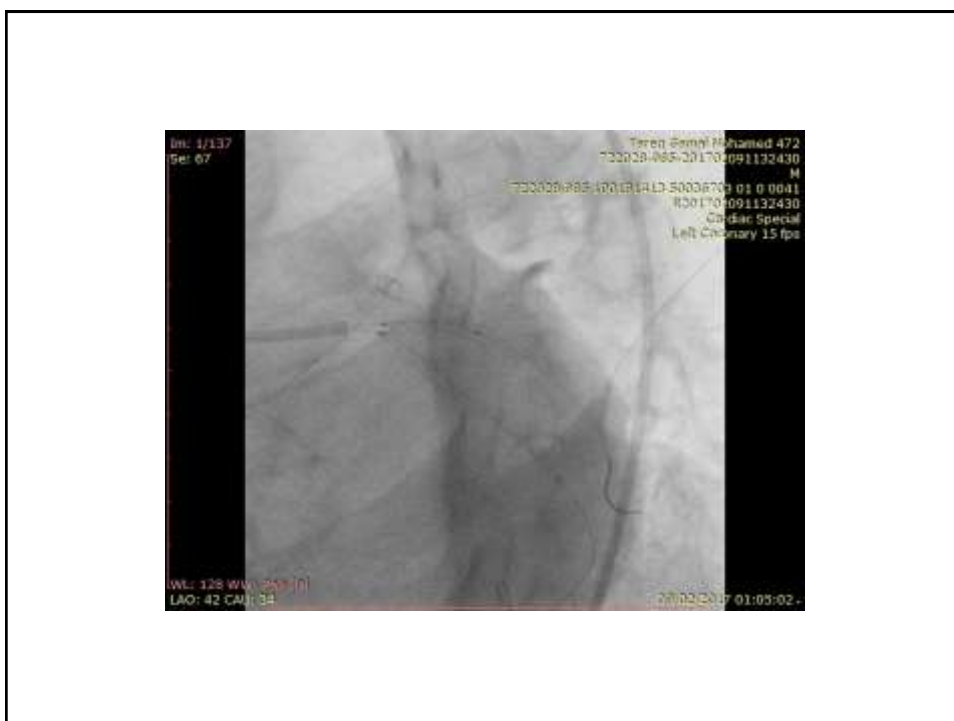
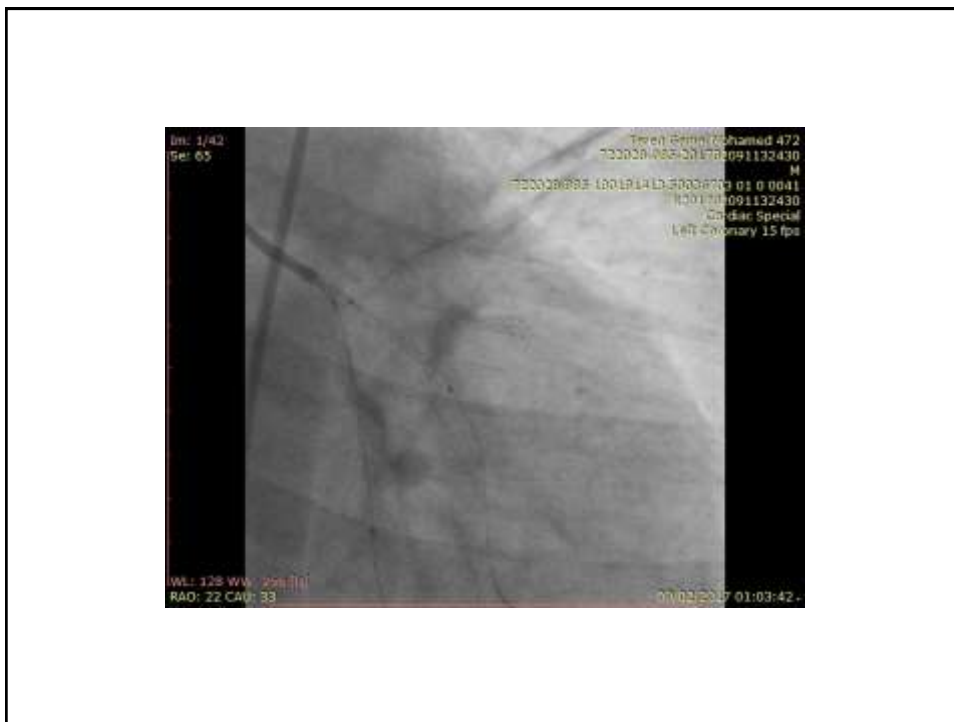


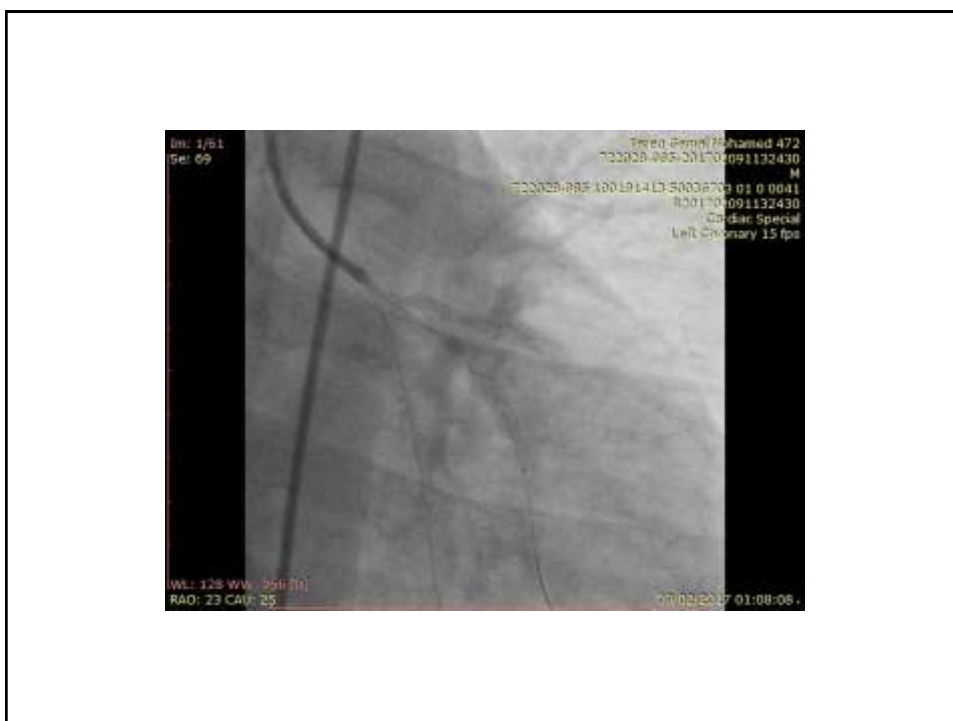
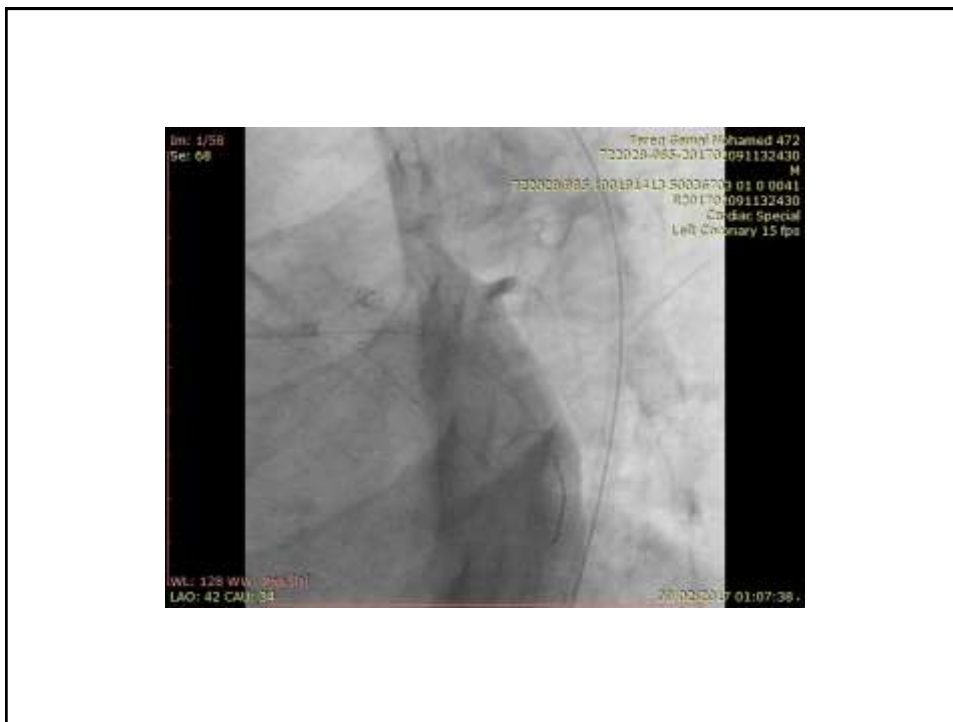
at 16 atm

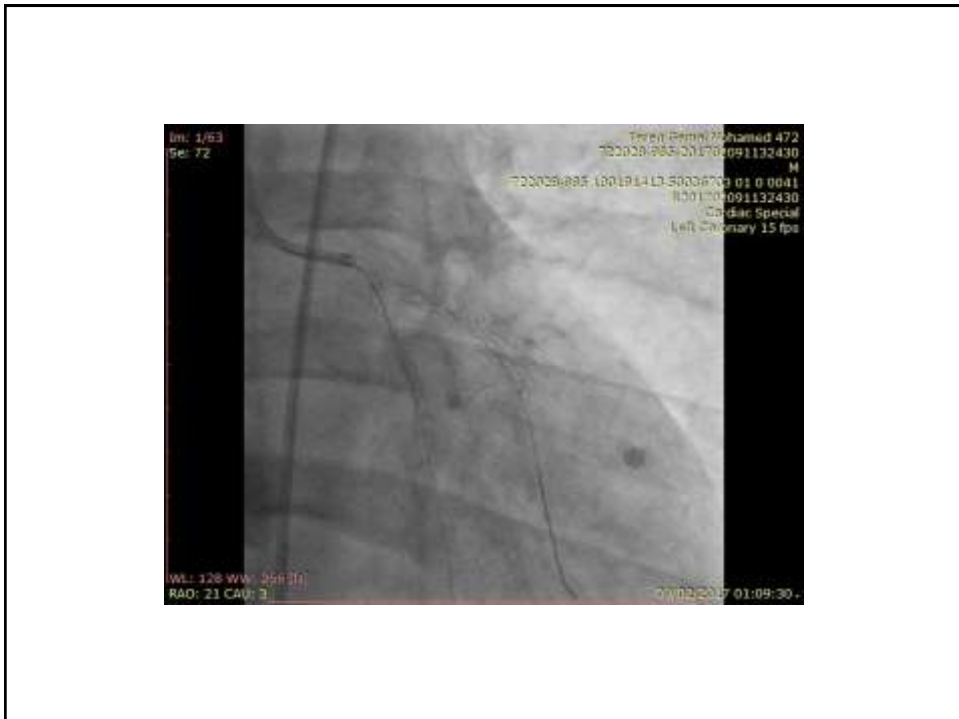
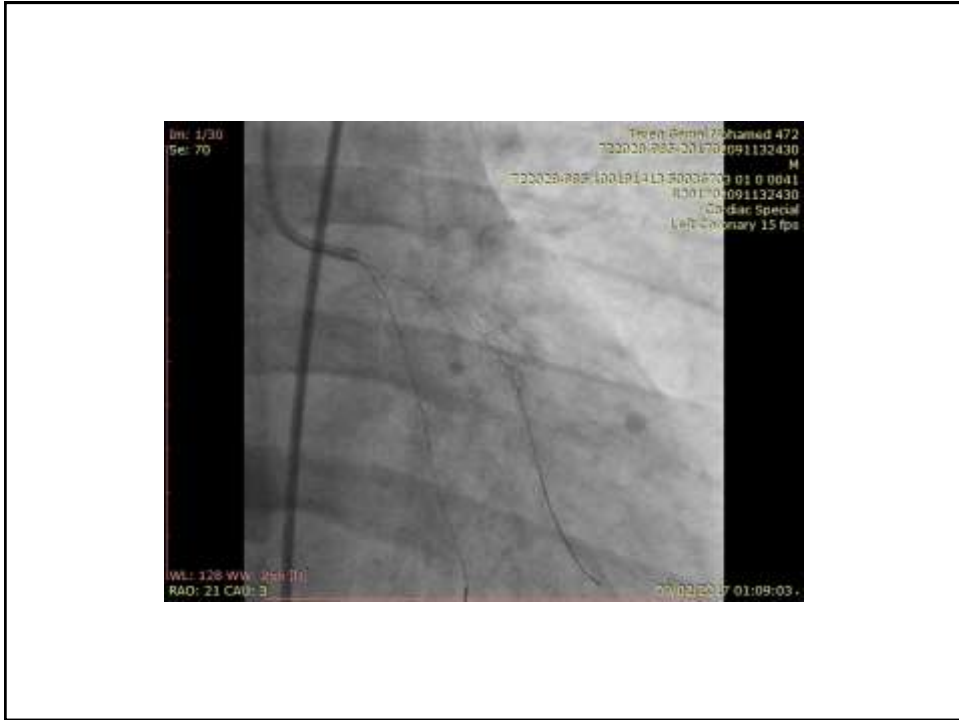


Kissing Balloon









- History of previously deployed two DE stents in LAD mid segment and diagonal branch 6 months ago.

Diagnostic coronary angiography

- Left main: Normal.
- Left anterior descending: Atherosclerotic vessel, with patent stent, and subtotally occluded previously deployed stent in D.
- Left circumflex: Atherosclerotic vessel, with mid segment no significant lesion.
- Right coronary artery: Atherosclerotic vessel, with no significant lesions, just 80 % lesion in small PDA.





What is you plain

- PCI to Diagonal branch.
- 7F XB 3.5 guiding catheter was used to cannulate LCA.



PT 2 MS guide wire to D.

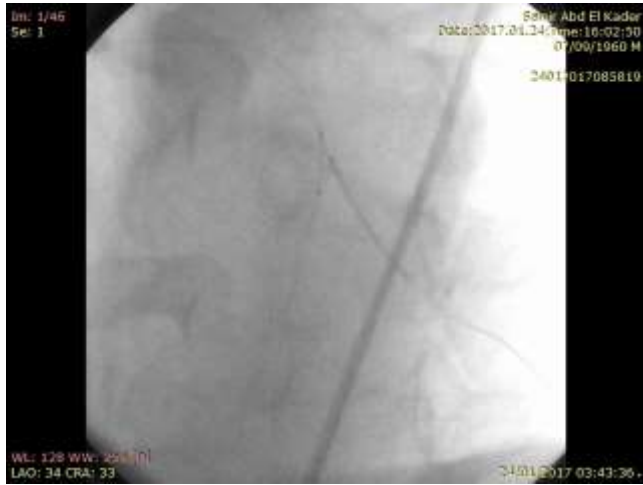


Balancium wire for LAD.



2 x 20 balloon was used for D stent inflated at 12 atm.

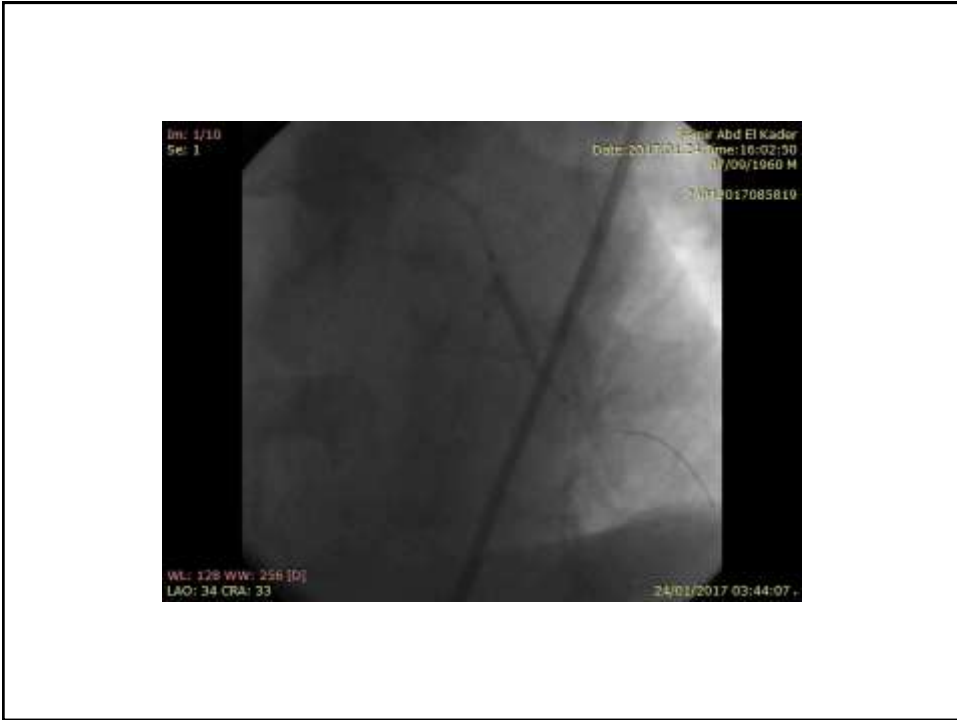


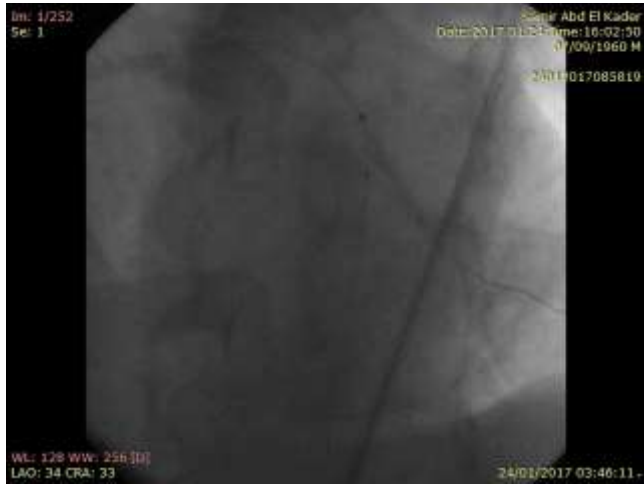


2.5 x 24 DES to D branch.
2.75 x 15 NC balloon to LAD

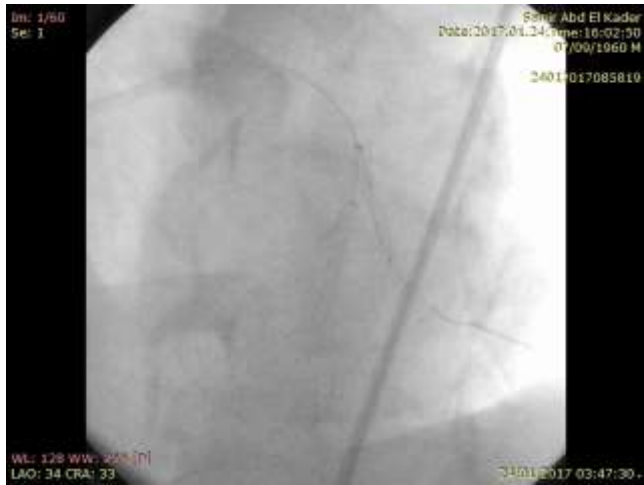


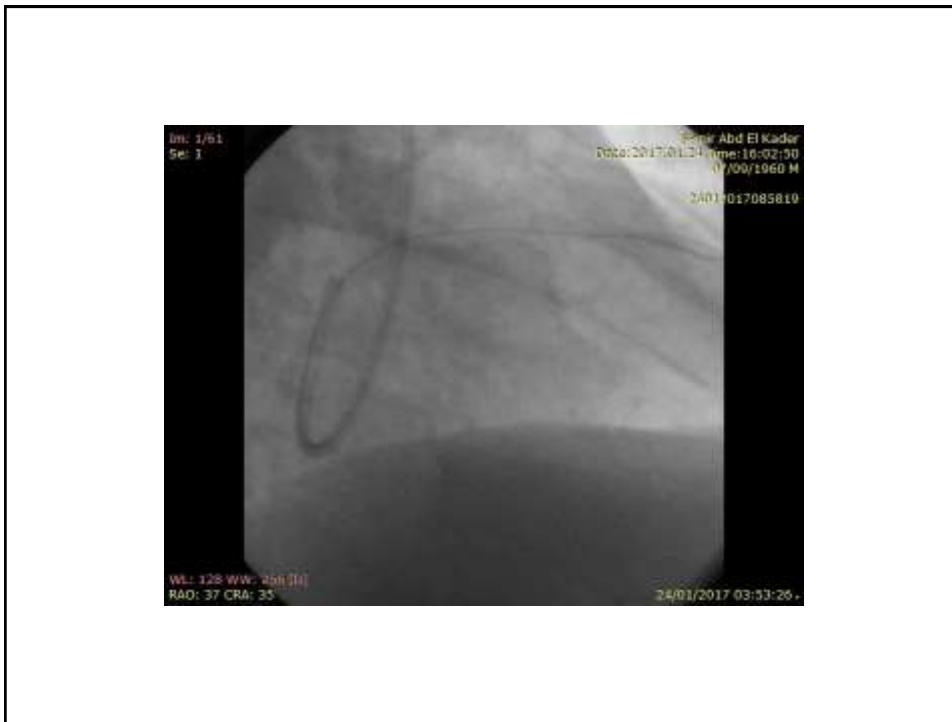
14 atm





Kissing Balloon





Thank you