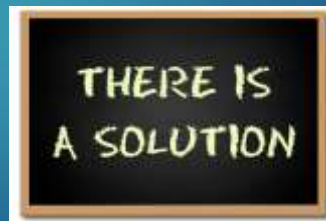


WHEN NOTHING GO
RIGHT
GO LEFT.....

DR.YASSER SADEK.MD
NHI



Clinical Scenario



- Male pt aged 52ys old
- HTN, dyslipidemic & smoker.

Clinical Scenario

- ▶ Known as IHD and he did PCI to LAD 6 years ago with BMS .
- ▶ He had acute chest pain 10 months ago and admitted at CCU and diagnosed as AMI(delayed presentation),so no reperfusion was done (nor invasive either pharmacological).



Clinical Scenario

- ▶ He refused to do any intervention till 5 months ago when he started to complain typical exertional chest pain in spite maximal medical treatment.
- ▶ He was advised to do perfusion study 1st which revealed reversible ischemia at territory of LAD.
- ▶ The pt came with PTCA report (failed trial of PCI to LAD after trial with PT2 and Pilot 150).

Clinical Scenario

- ▶ ECG: pathological Q wave in anterior leads.
- ▶ Echocardiography: SWMA in the form of akinetic apical part and the EF was 45%.
- ▶ LABS: no abnormality detected.

CORONARY ANGIOGRAPHY (TR)



Continued...



Continued...



XP/7F guiding catheter via TF then fincross and Fielder XTA



Gaia 2nd was used to cross the distal part of LAD and fine cross passed distally



SION wire was passed through the fine cross then predilatation



Multiple inflation by NC 3x15mm balloon





- ▶ Suddenly the patient had severe chest pain and hypotension.
- ▶ The diagonal was gone so re-cross and predilation was done quickly.

What's wrong ...



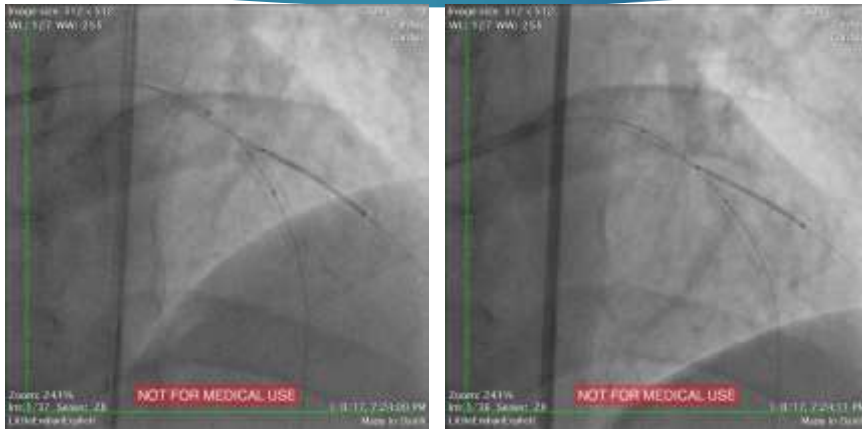
Wire to the diagonal branch and then predilatation



Which strategy for this bifurcation?



2.75x20mm DES in the diagonal



Mini crush was done

✓ Done!



POT by 3.75x12mm



Stenting of LAD by 2.5x48mm DES

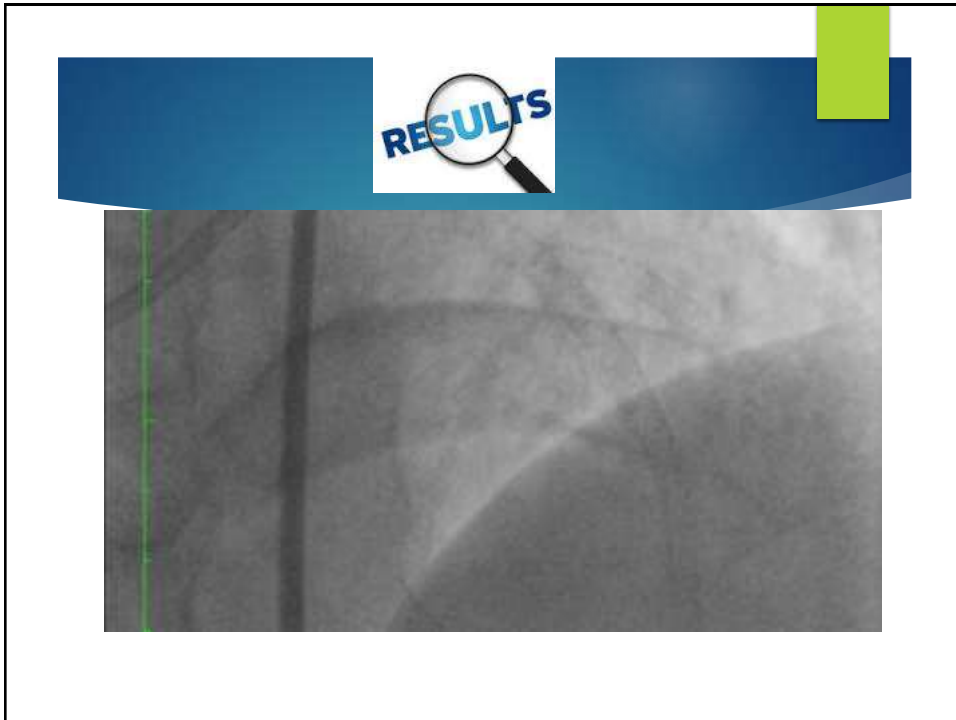


Post dilation by 3x15mm NC Ballon



Final Results





Take Home Message

~~UNPREPARED~~



- ▶ To report failure of CTO, we should have all equipment's for it.

Take Home Message



- ▶ Bifurcation technique in the setting of CTO is feasible and safe.

Take Home Message



- ▶ To assess the viability before CTO intervention is essential.

Take Home Message



- ▶ Step by step learning how your tools works is cut off point for success.

Any questions?

