

How Would I Treat This Patient?

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Disclosure Statement of Financial Interest

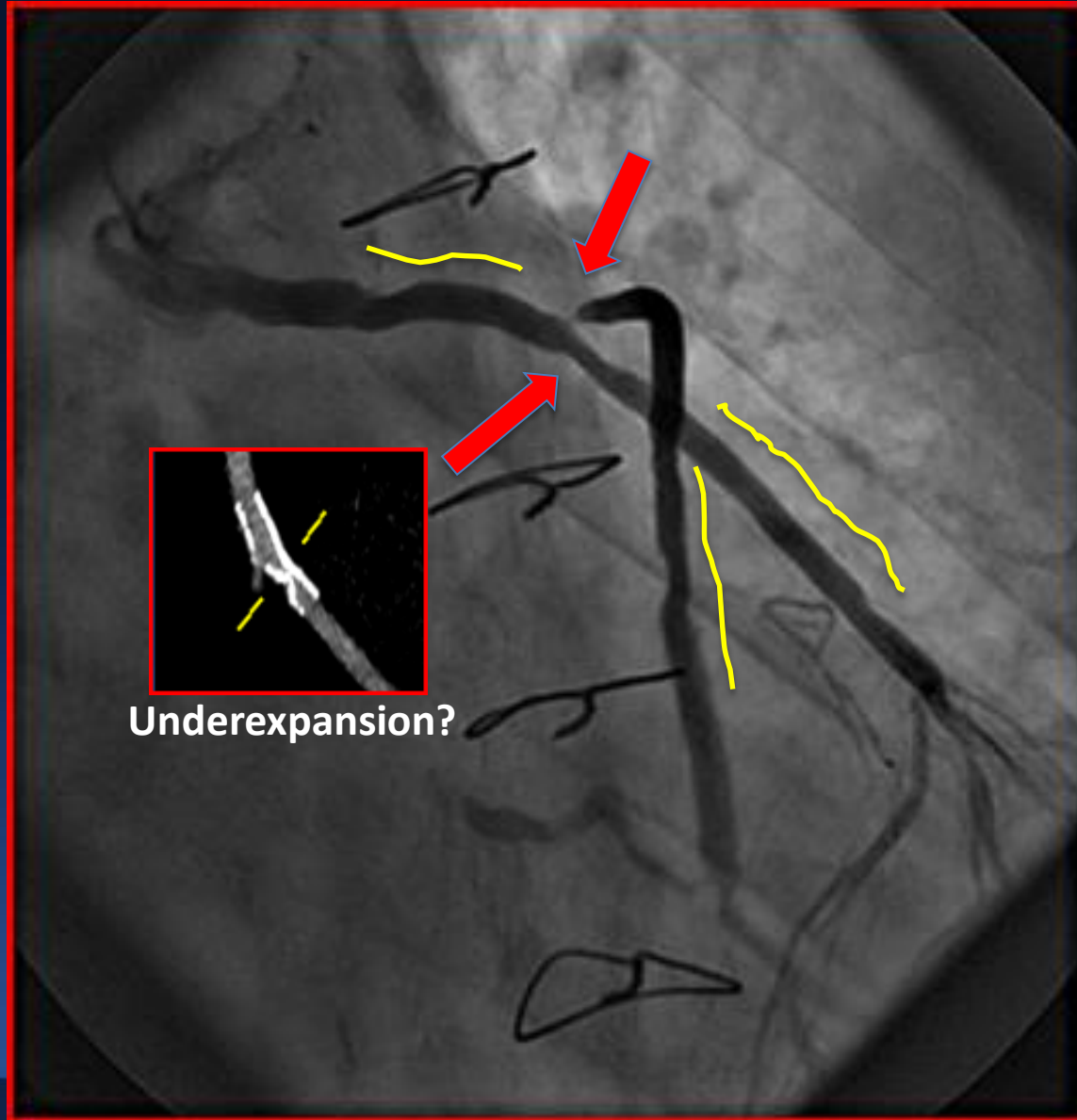
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**If I were doing the first PCI
I would have implanted 2 stents**

Vein graft 16 years old, 10 months after former PCI

Medina 0-0-1



Underexpansion?

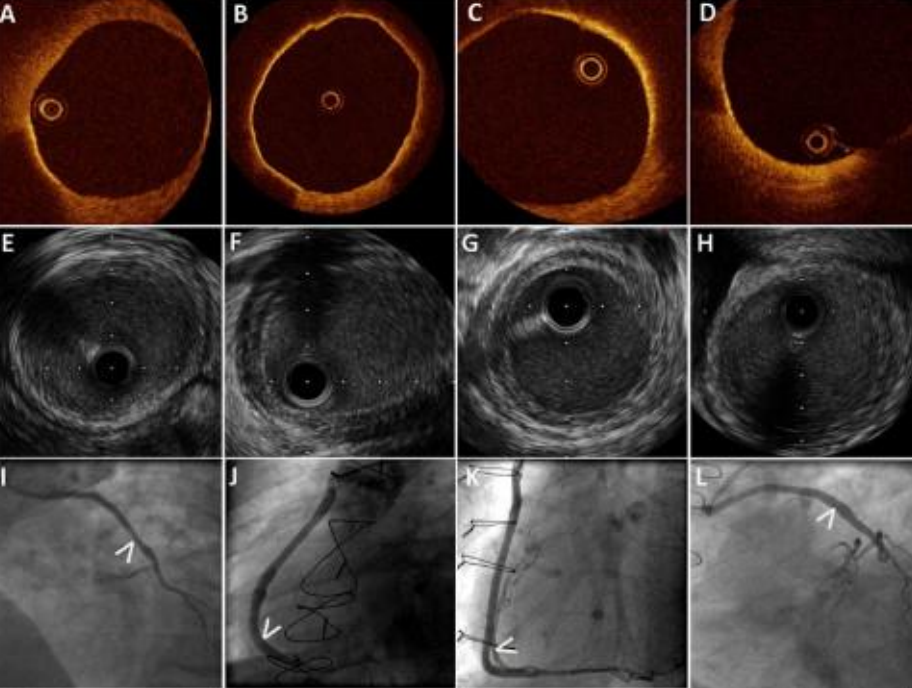
What would I do?



1- to get more information

- A. **Stent boost (other companies): to see if the stent is OK.**
- B. **Intravascular imaging: SVGs disease consists thrombosis, intimal hyperplasia and accelerated atherosclerosis**

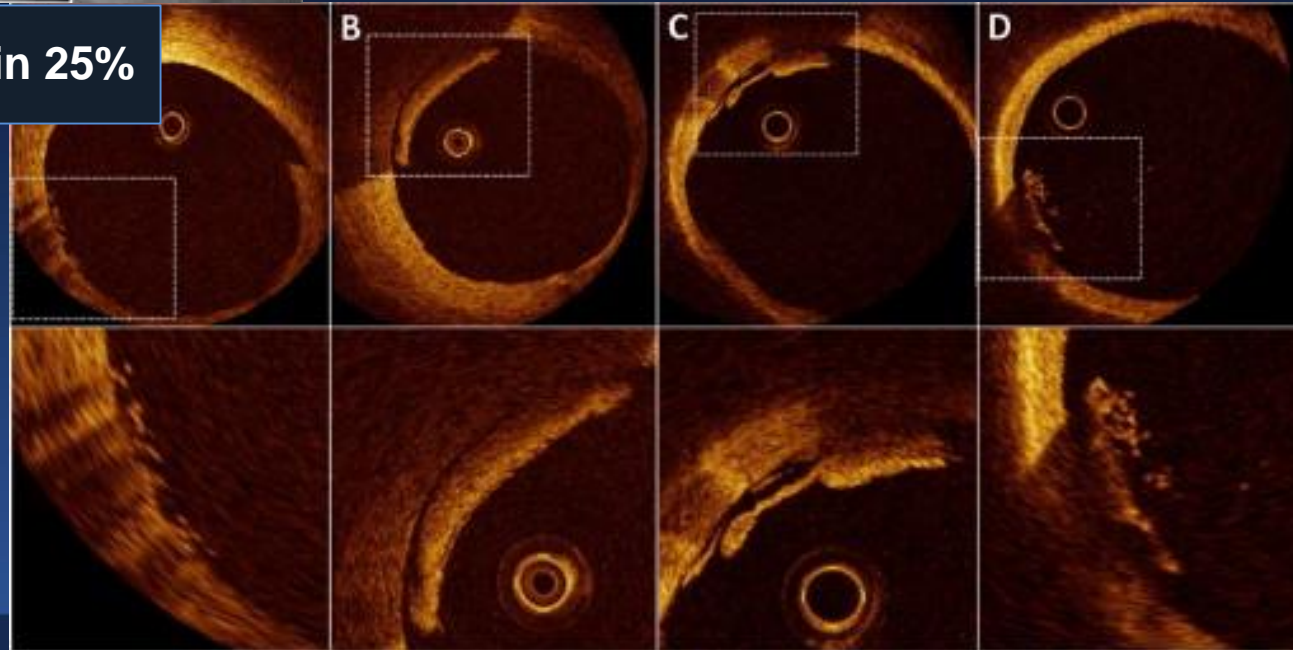
	OCT	IVUS
Stent status	√	√
Dimensions	√	√
Luminal thrombus	√	--
Thin cap fibroateroma	√	--



thin-cap fibroatheroma in 37.5% SVGs

No IVUS or angiographic abnormalities were seen

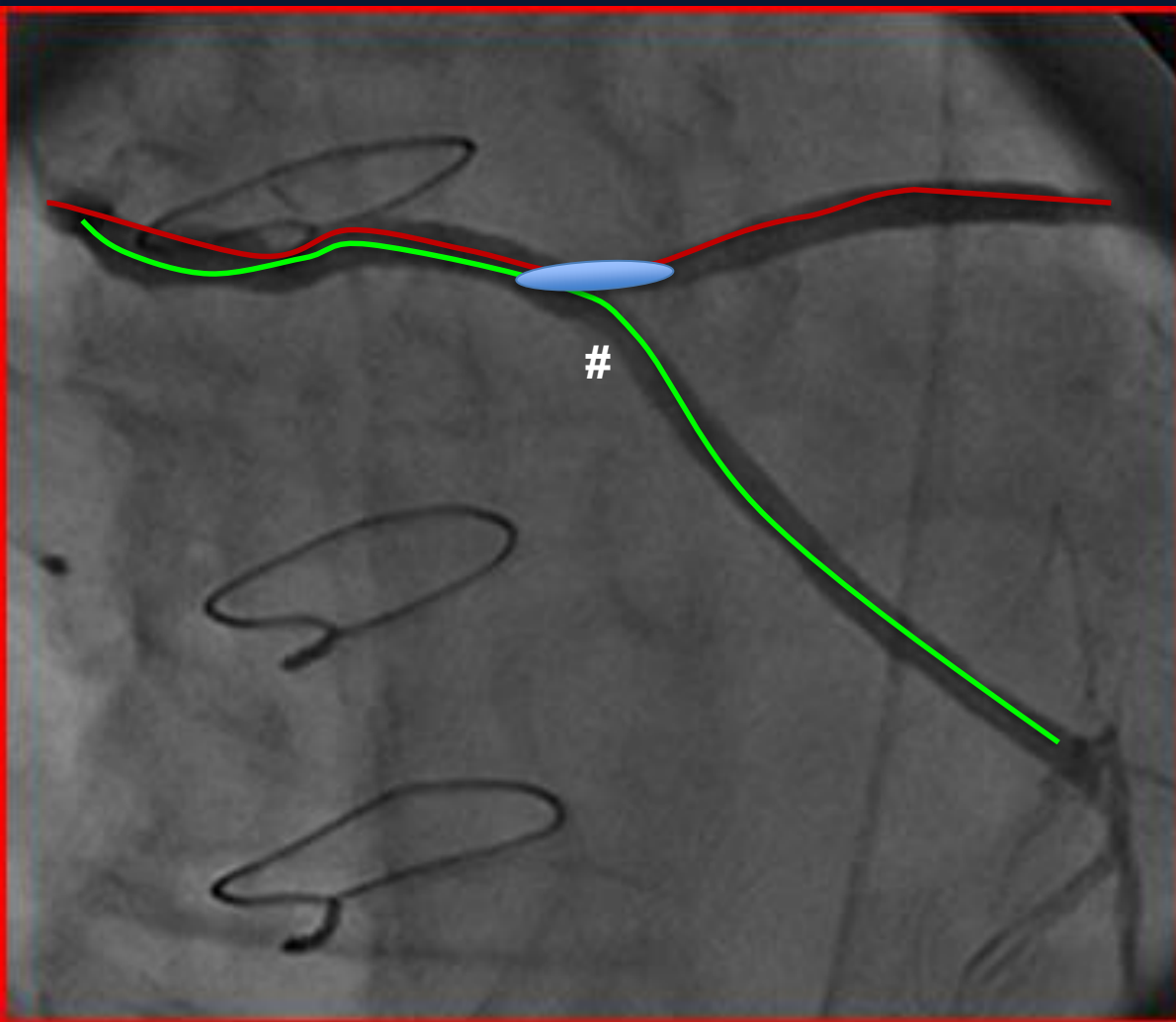
luminal adherent thrombus in 25%



2- To protect or not to protect from distal embolization

- **Why?**
 - Old graft, it's hard to predict embolization
 - Irregularities on angiography
 - OCT findings?
- **But PCI 10 months ago without protection did well!**
(short lesions)
- **If the decision is to protect :**
 - Proximal protection (large amount of ischemia) = NO
 - **Distal protection: filters (spider) best option**

Pretreatment: AAS + Prasugrel.
Procedure: Unfractionated Heparin (no IIb/IIIa inh.)



1. Dilatation of stent struts 2.5 mm non compliant balloon

2. OCT

Thrombus

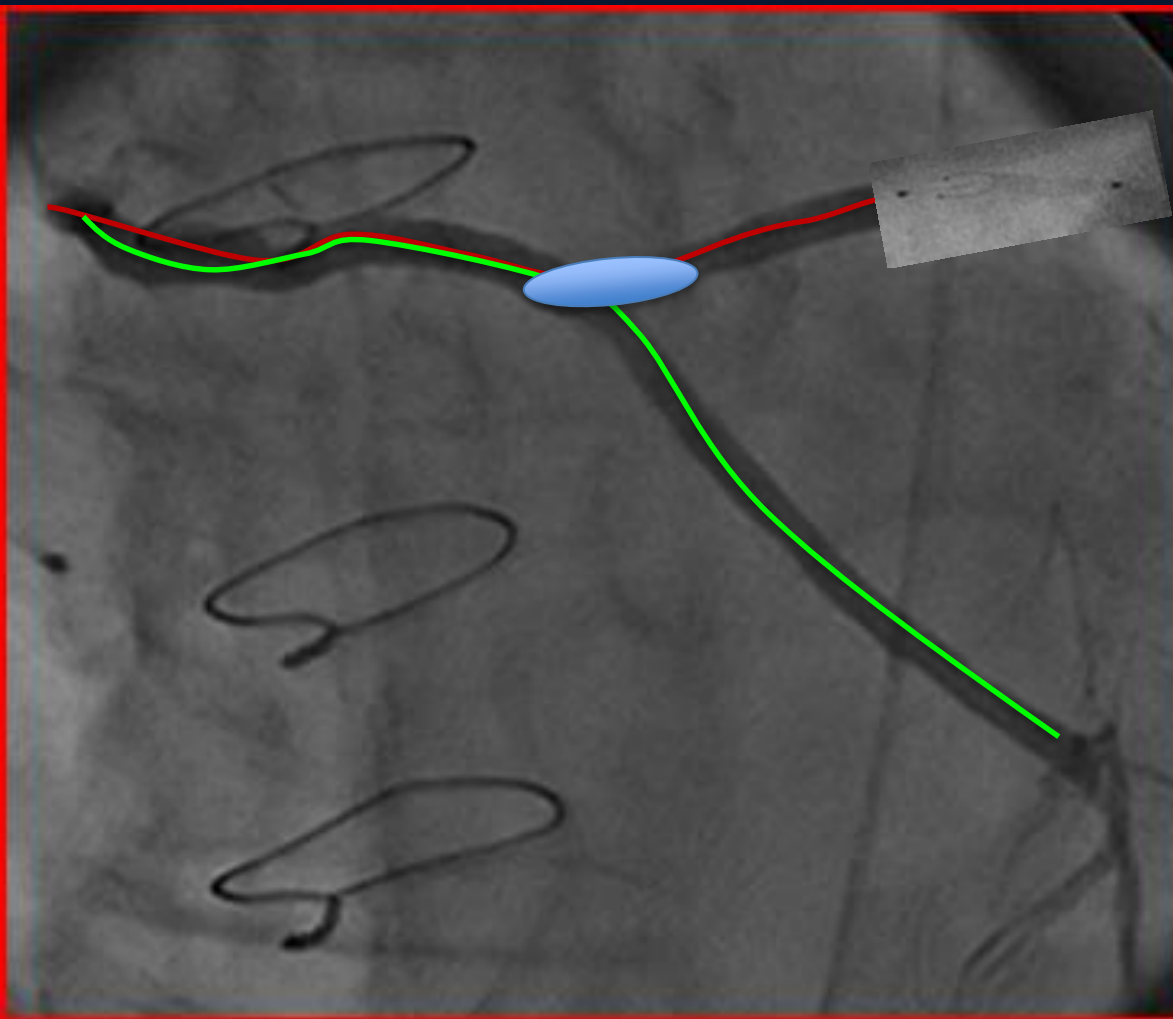


protection

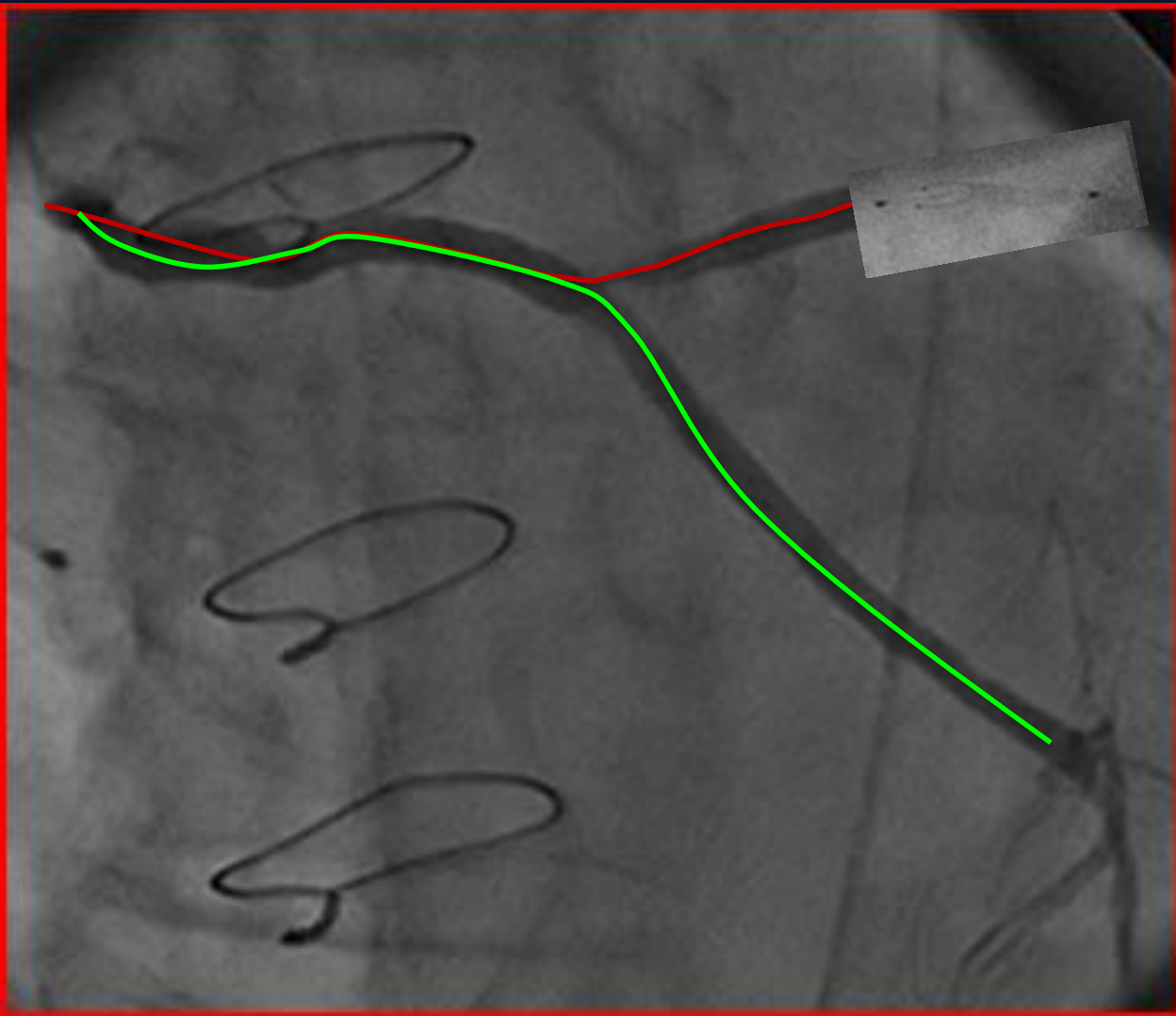
Previous Stent underexpansion



Expand first (Non compliant (3.5))



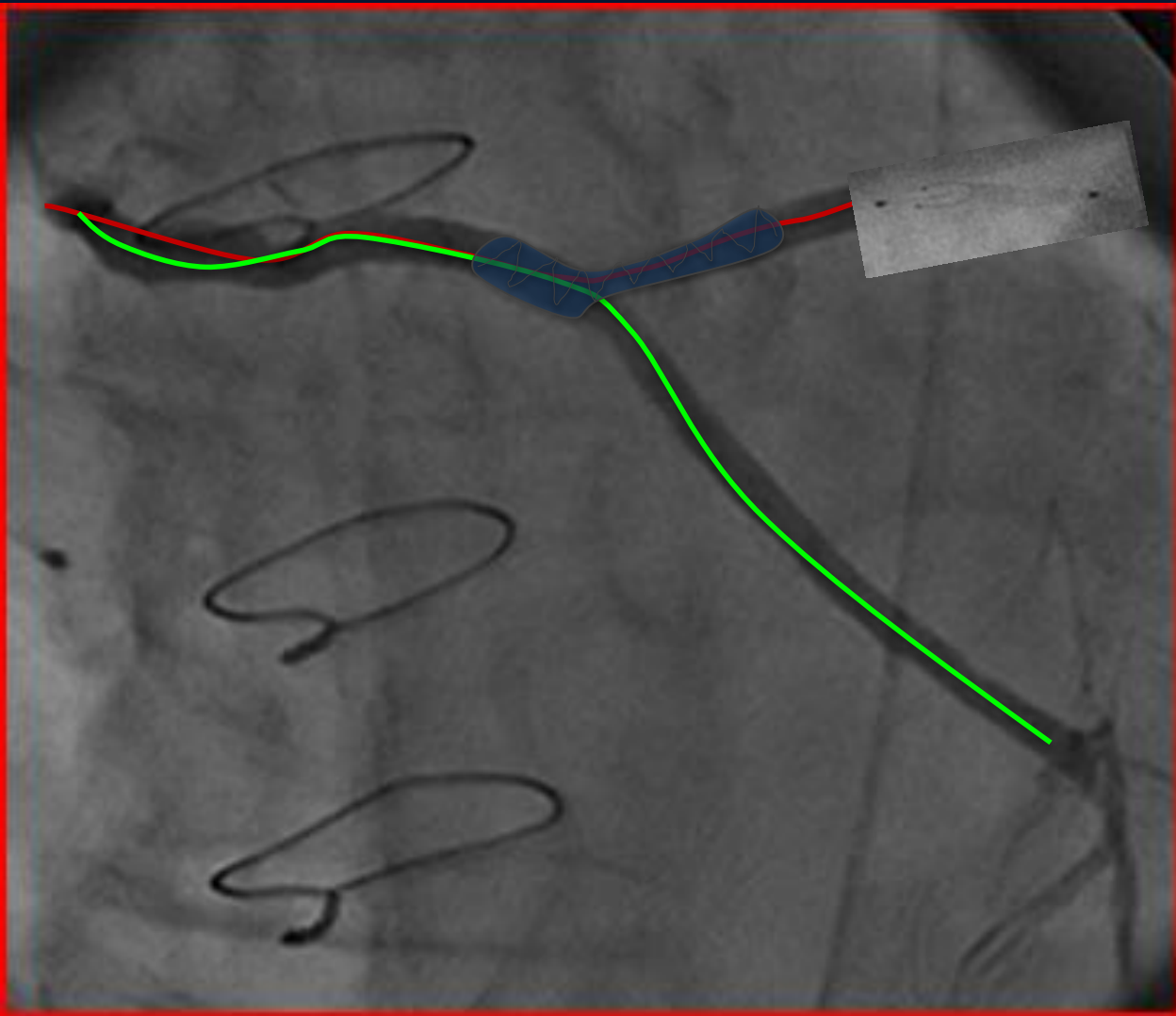
3. Spider filter to Cx (if necessary)
4. Complete dilatation of the struts
3.5 mm non compliant balloon



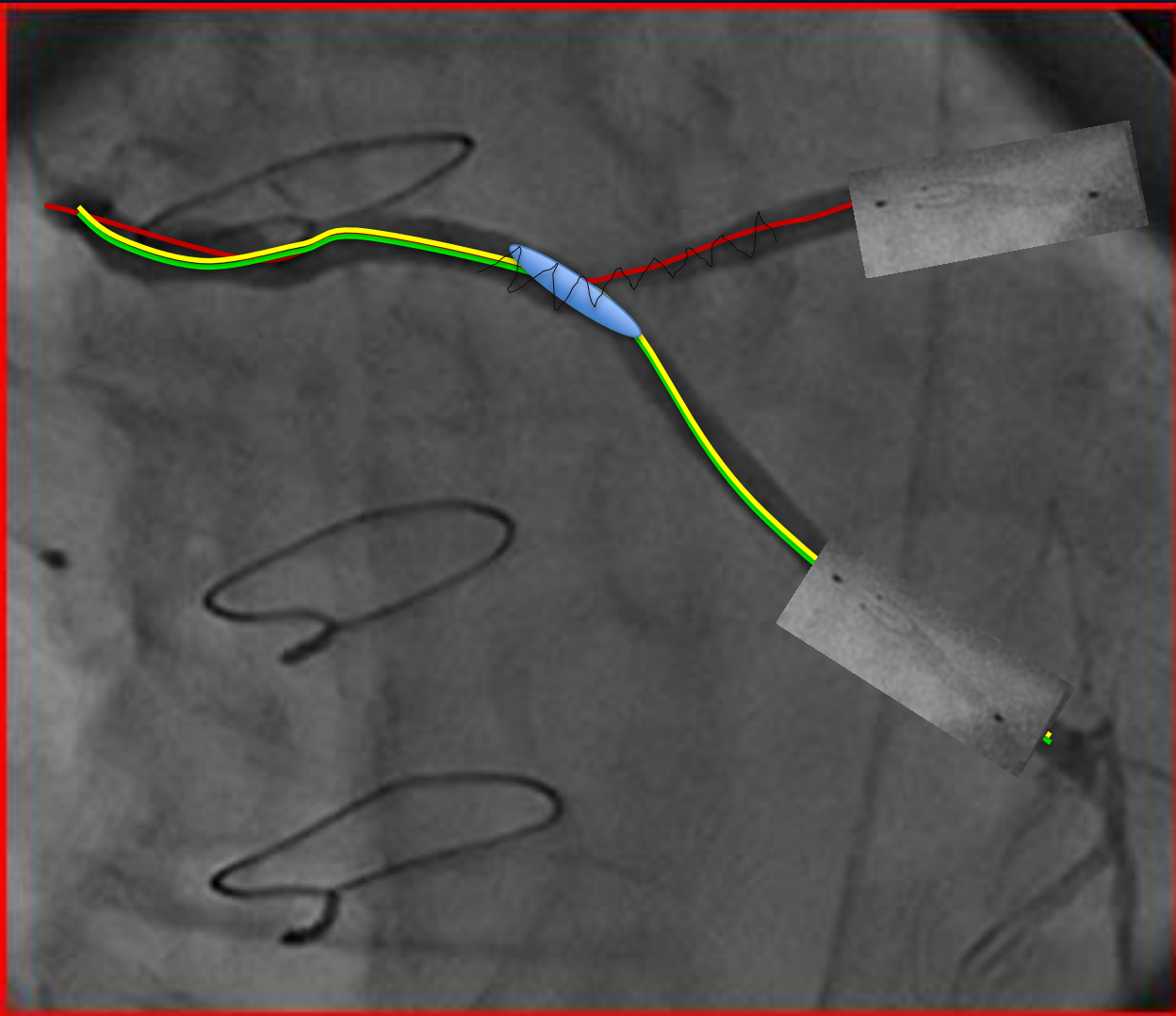
Stent : **Which one?**

Which stent?

- **BVS: not a proper indication**
- **Dedicated:**
 - **Stentys (Paclitaxel eluting) ?**
- **Conventional DES: XIENCE 3.5 x 18mm**



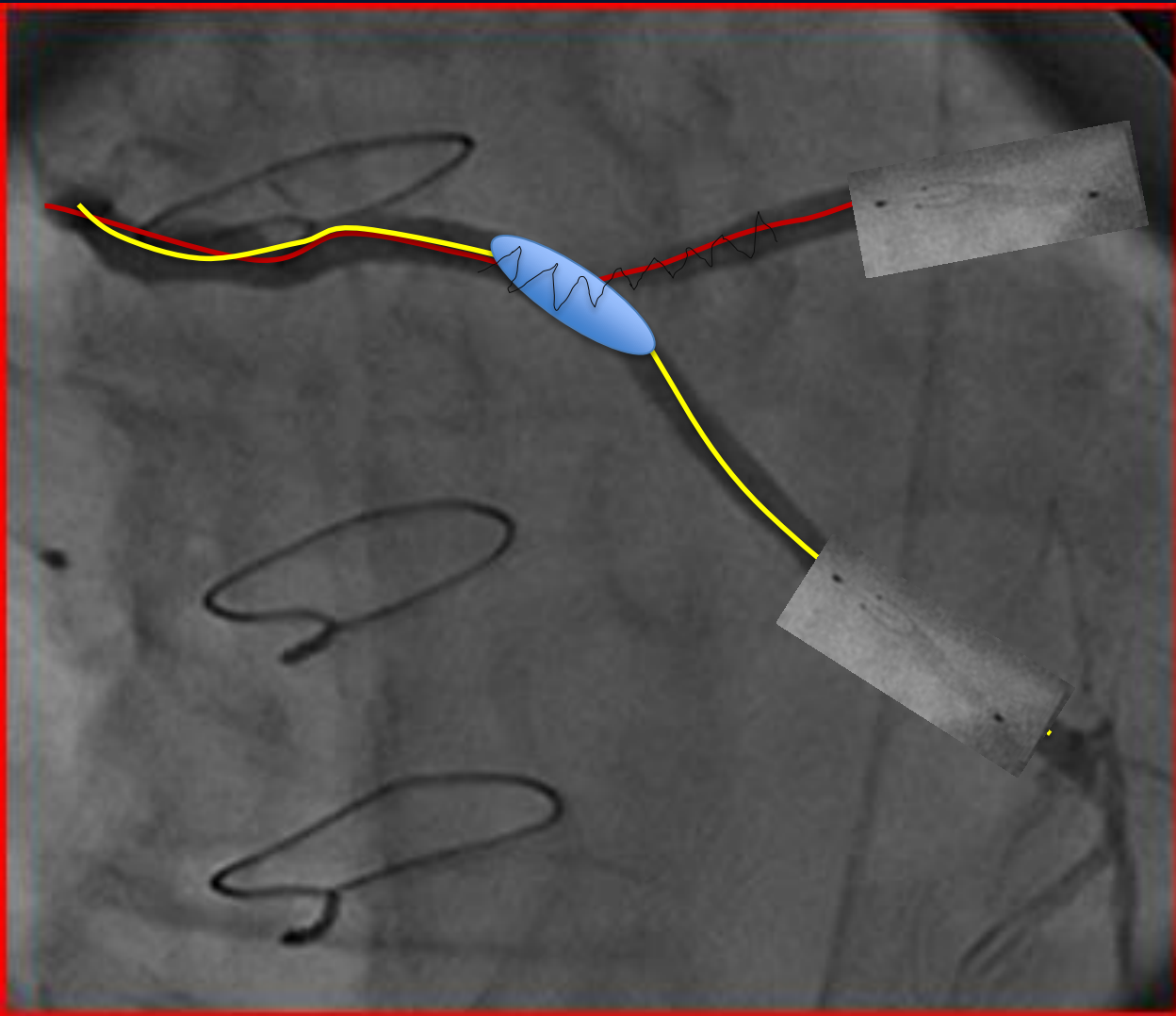
5. Stent : **Xience**



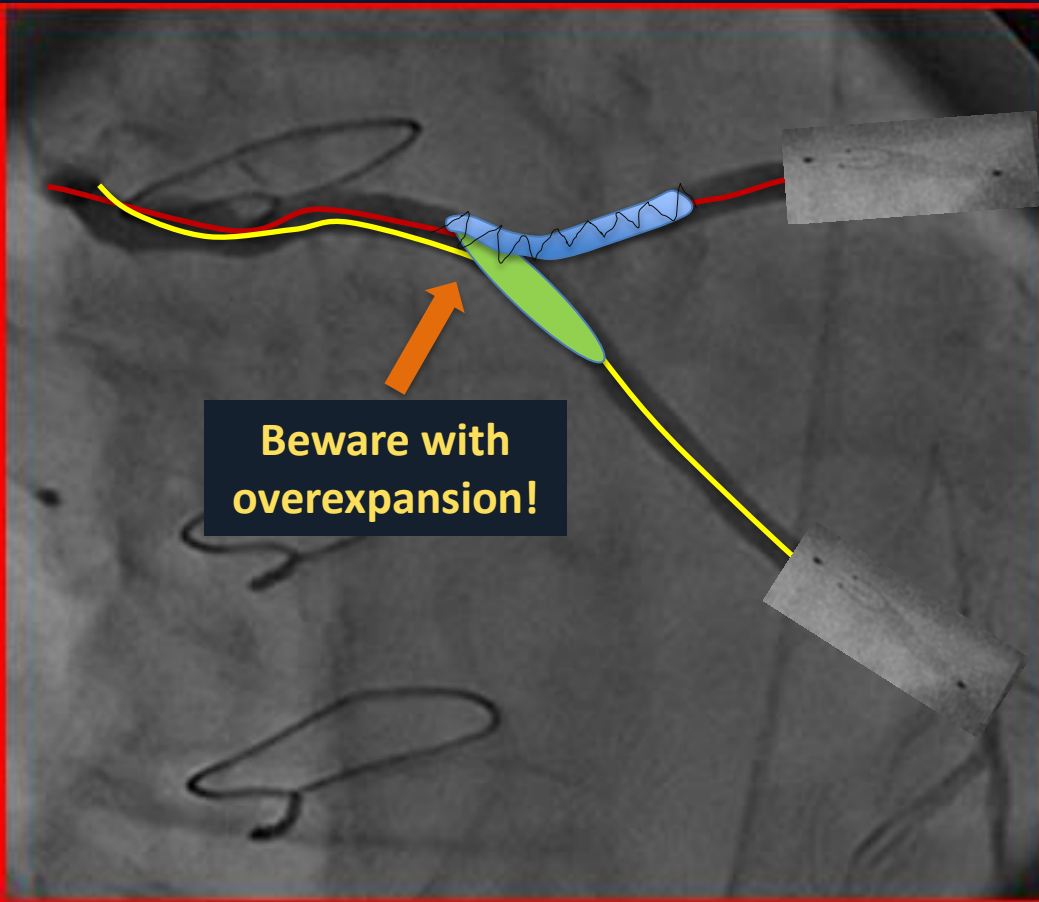
6. Recrossing towards LAD

7. 2.5 mm non compliant balloon

8. Spider filter (if necessary)



9. 3.5 mm non compliant balloon (LAD)



10. FINAL KISS with 2 non compliant balloons 3.0mm
(Drug eluting balloon to LAD if expansion of the previous stent was needed)
11. Retrieve filters (LAD first)
12. Final OCT



Thank you

