Challenging Case Competition with Lunch III

A Case of Very Late Stent Thrombosis in Cross-over site developed at 10 days after the cessation of clopidogrel.

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Keimyung University

Case

Male / 60yrs

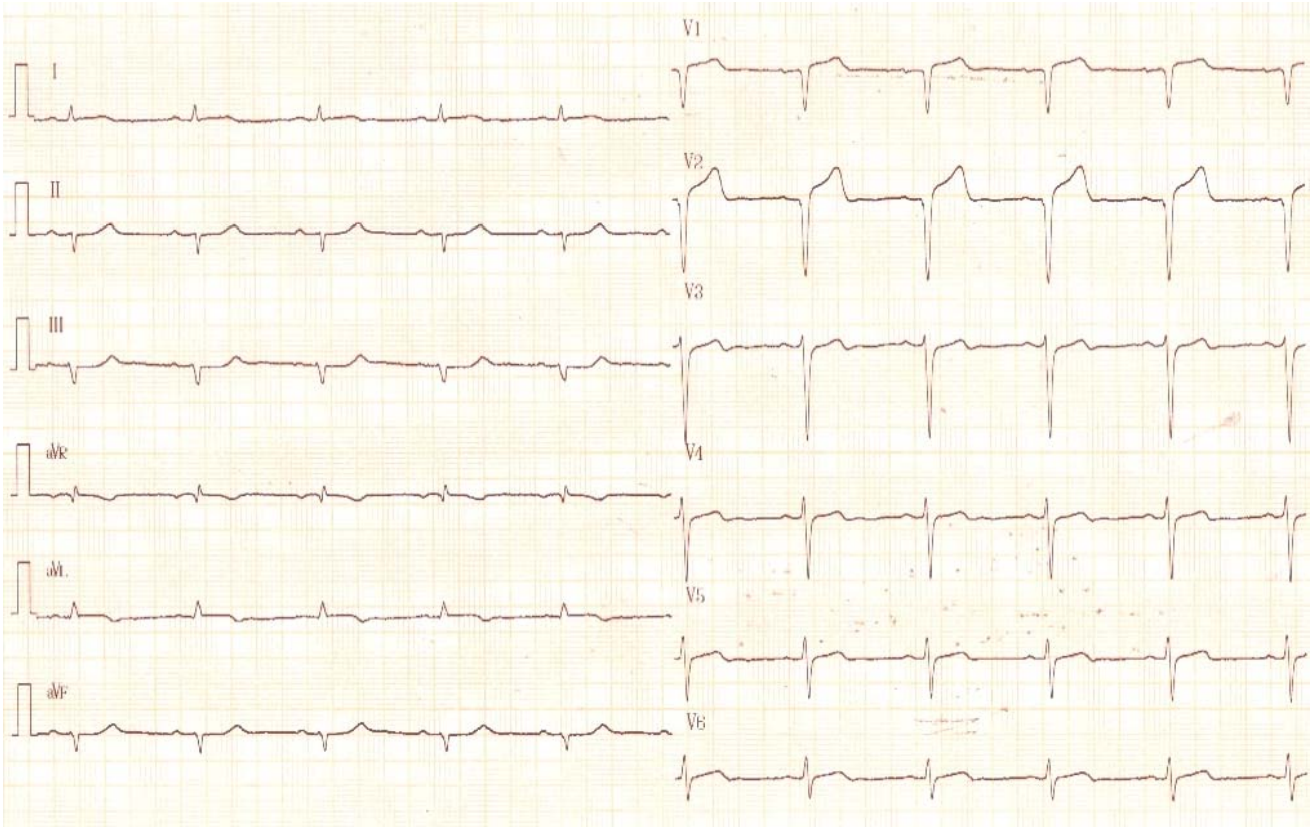
C/C Resting onset chest pain for 2 hours

Risk Factor
diabetes (15yrs), Current Smoker (30PY)

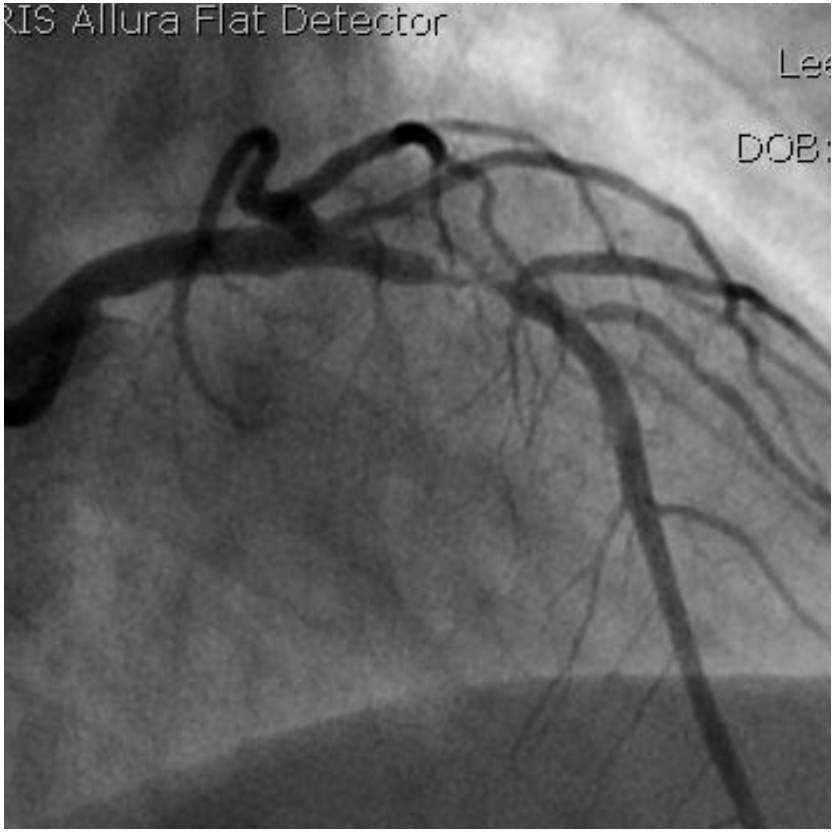
P/Hx
prior PCI due to STEMI 12months ago

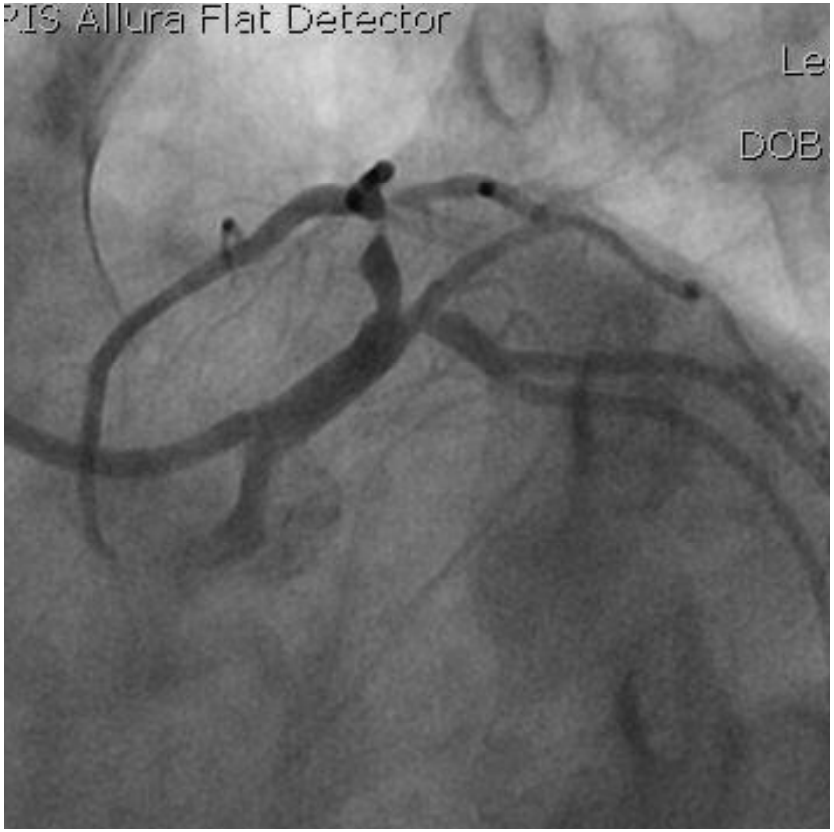
12 months ago…

- Primary PCI d/t STEMI (ant. wall)



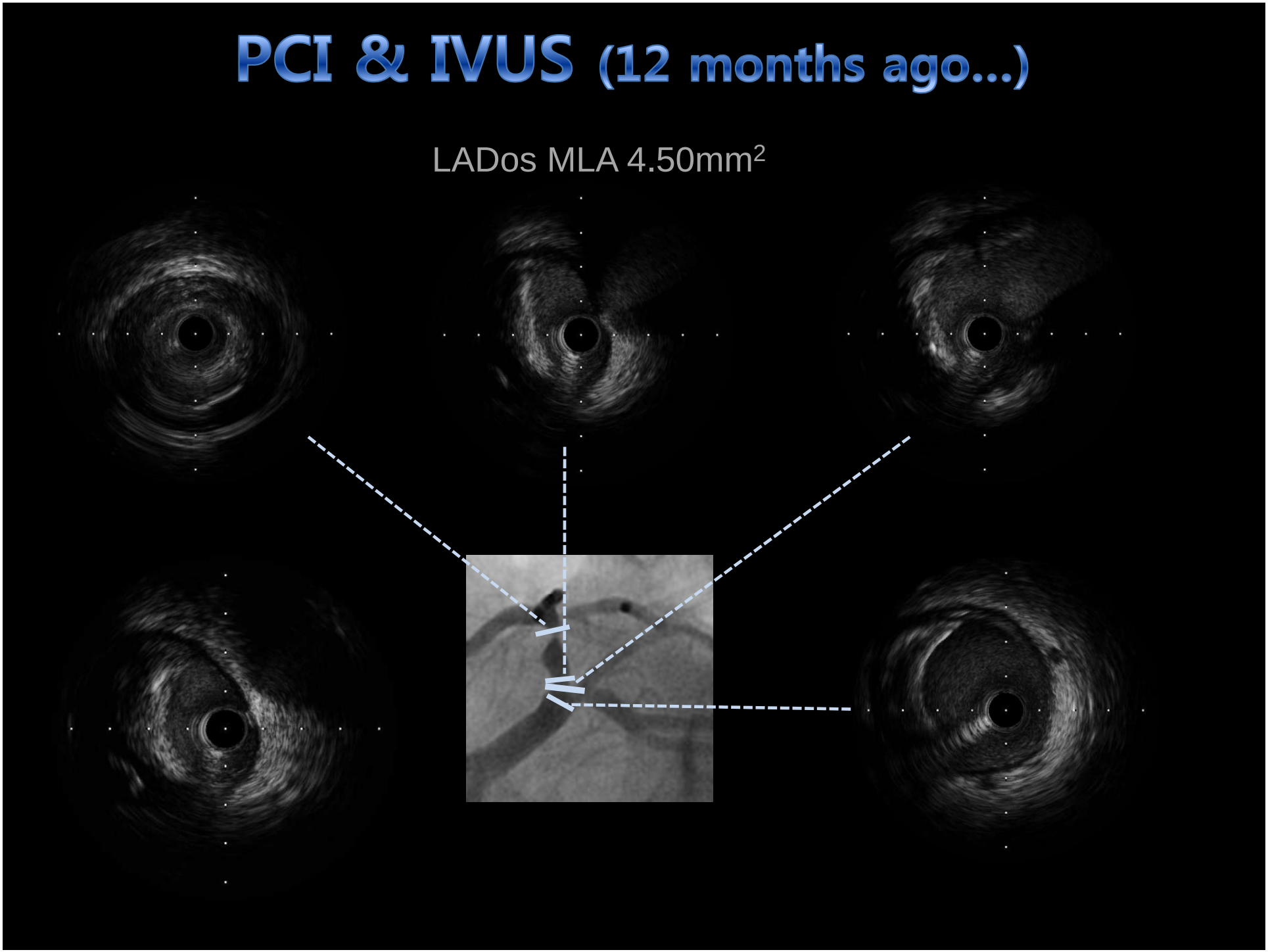
CAG (12 months ago…)



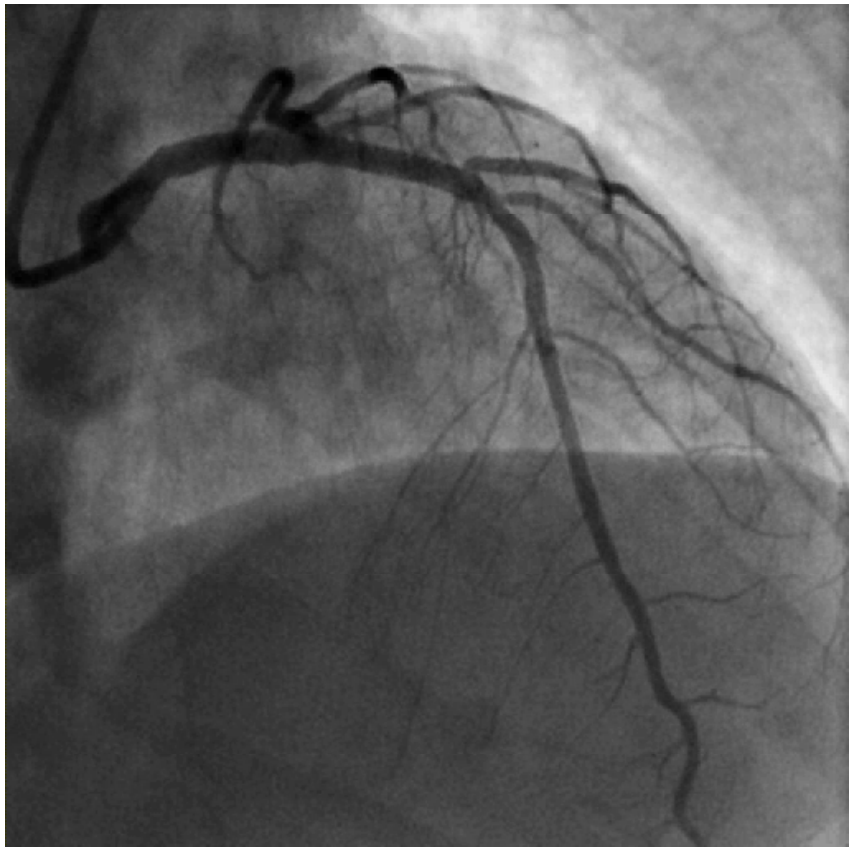


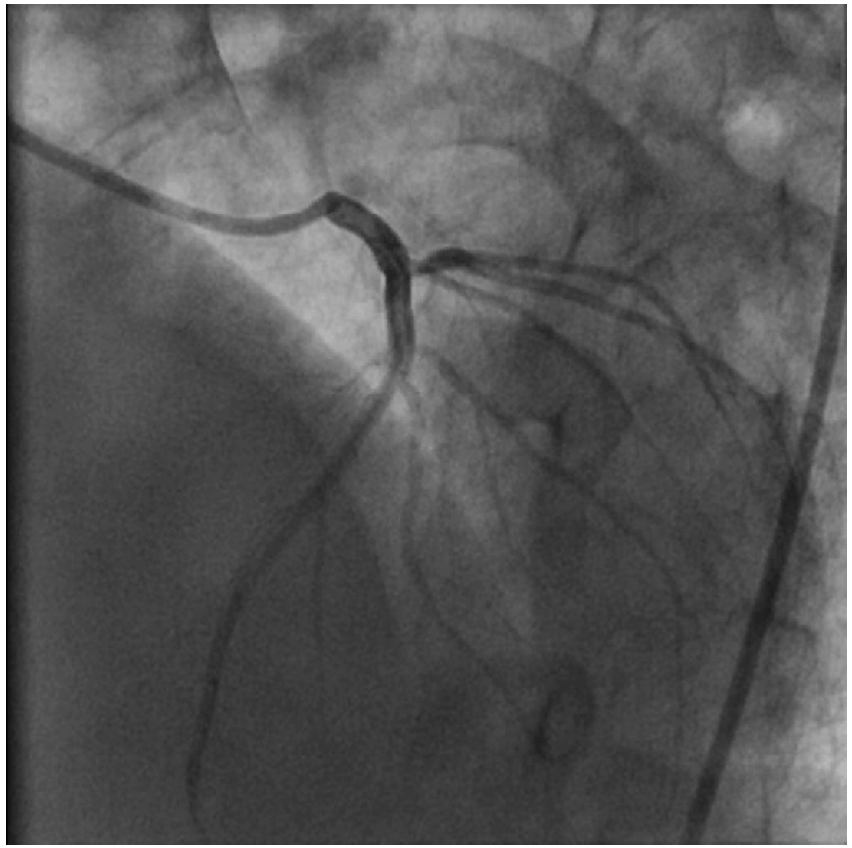
PCI & IVUS (12 months ago…)

LADos MLA 4.50mm^2

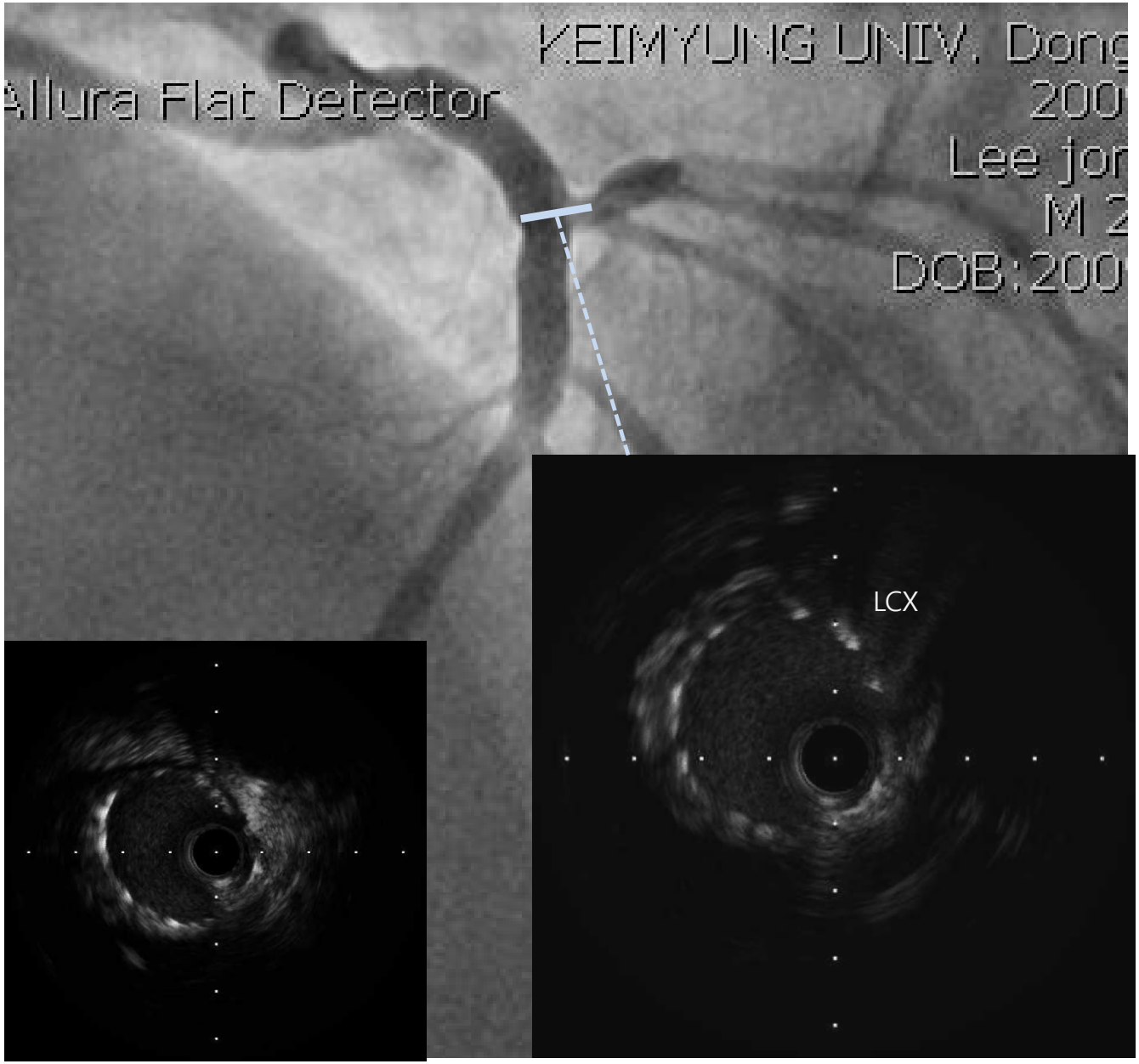


PCI (12 months ago...)

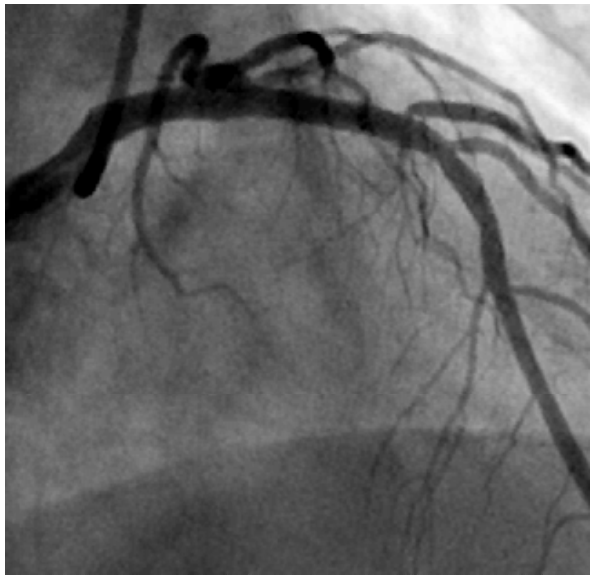


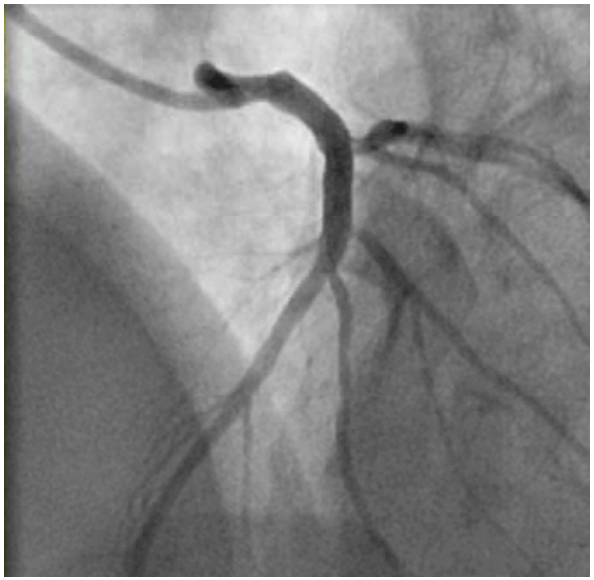


Promus 3.5x23mm, LMd - LADp

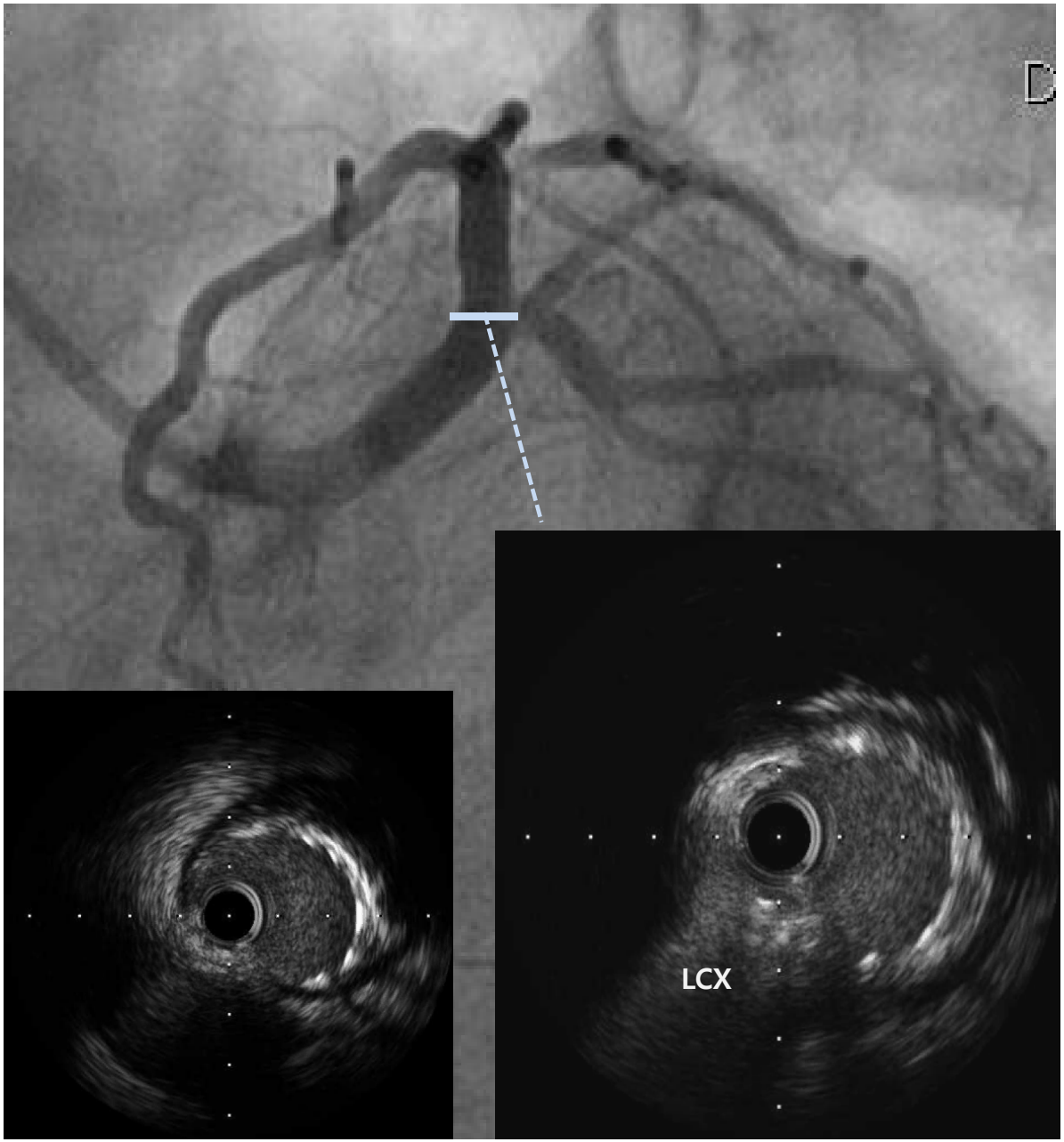

Allura Flat Detector
KEIMYUNG UNIV. Dong
200
Lee jor
M 2
DOB:200
LCX

9 months FU CAG (3 months ago…)



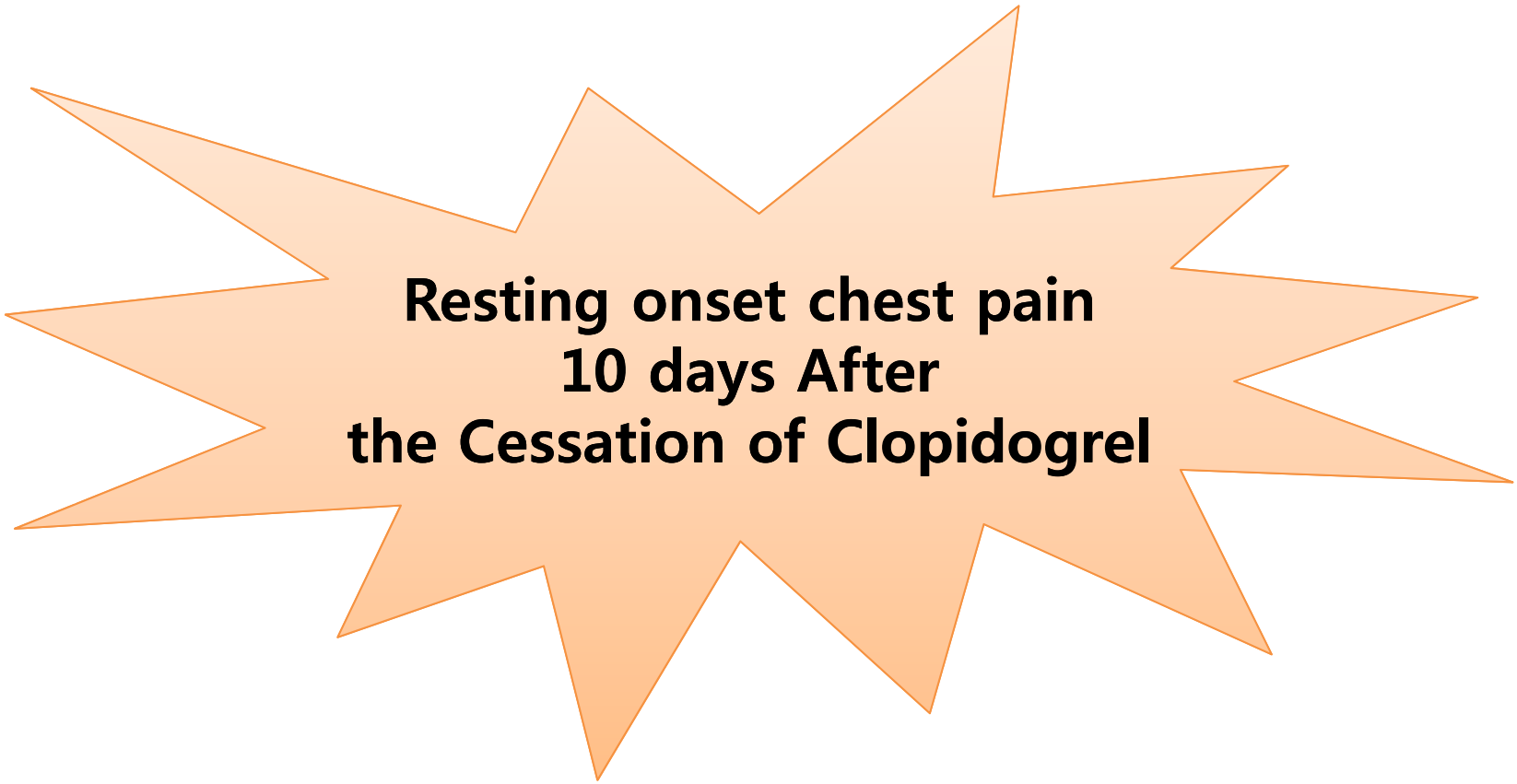


9 months FU CAG & IVUS (3 months ago…)

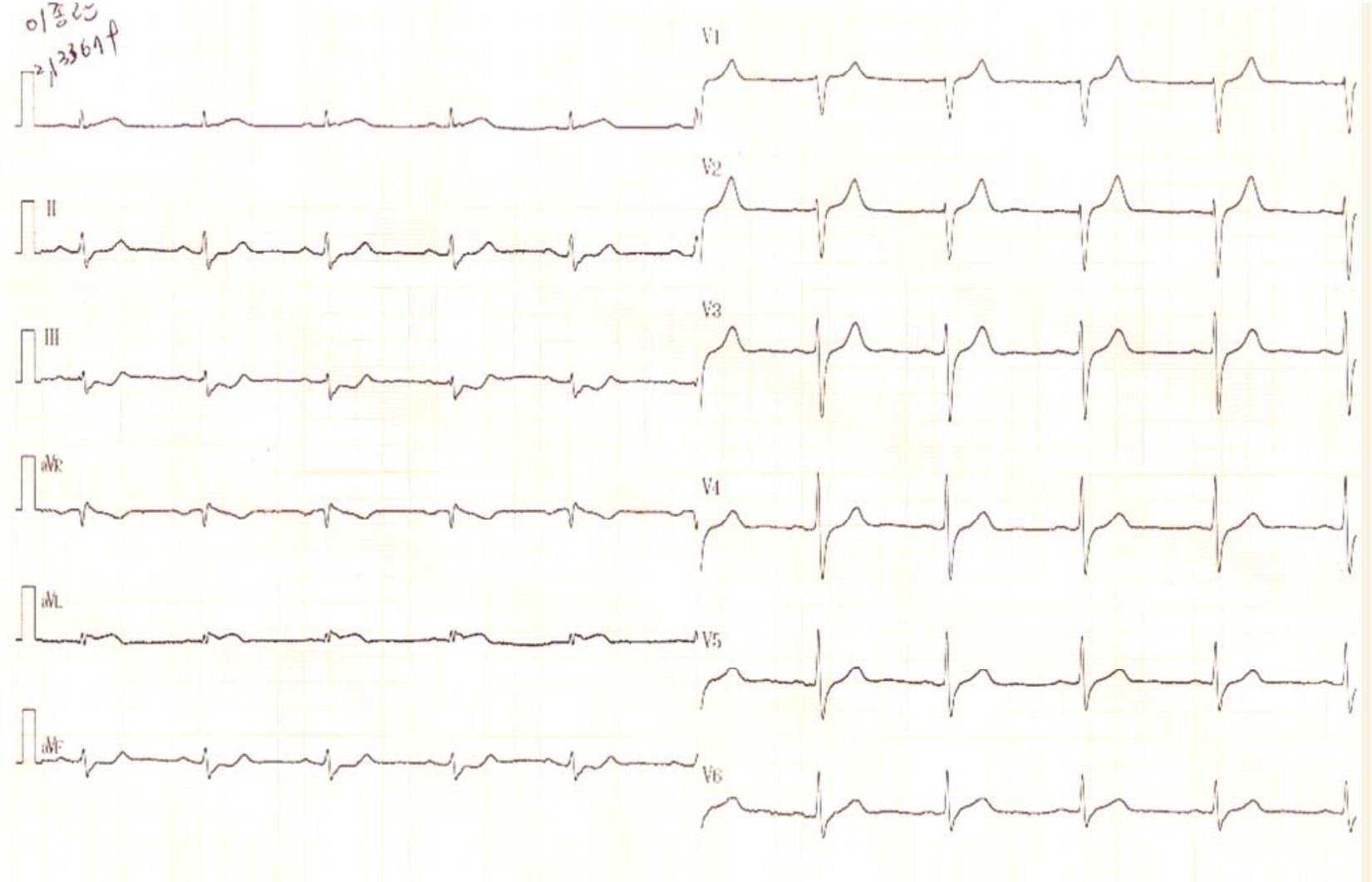


No chest pain during 12 months after PCI

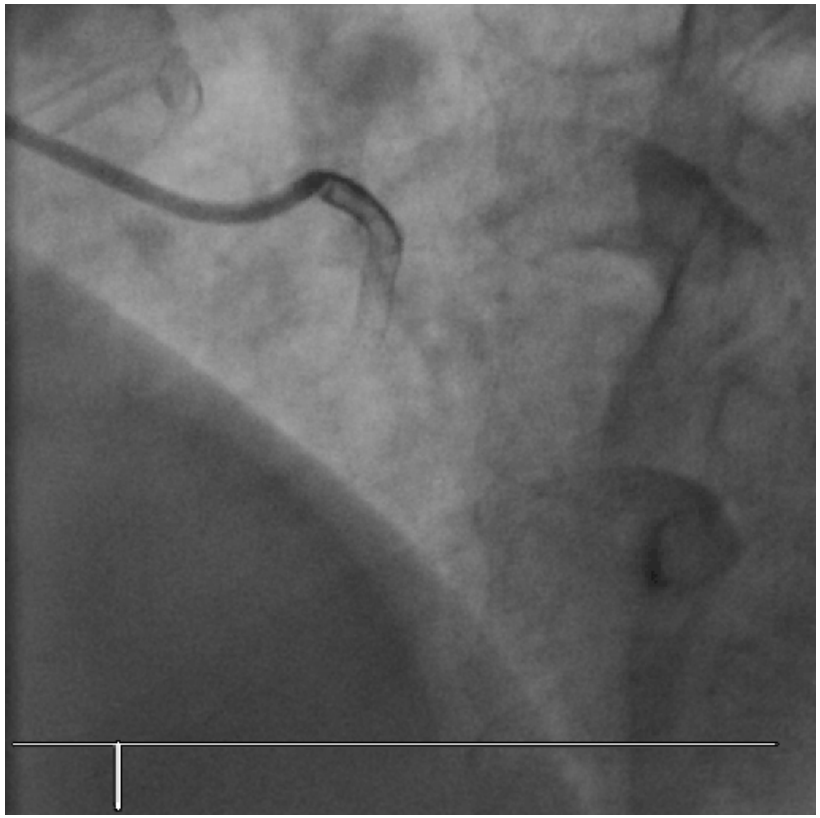
Mono APT(aspirin) was started after 12 month DAPT.



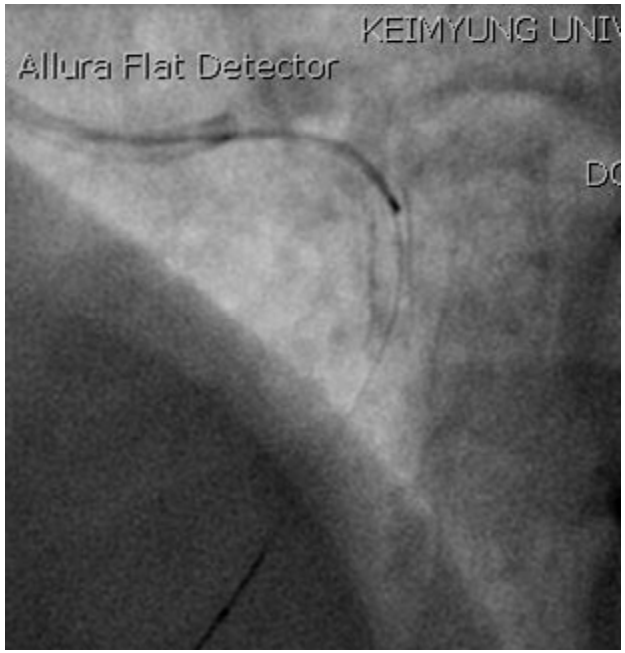
Baseline EKG

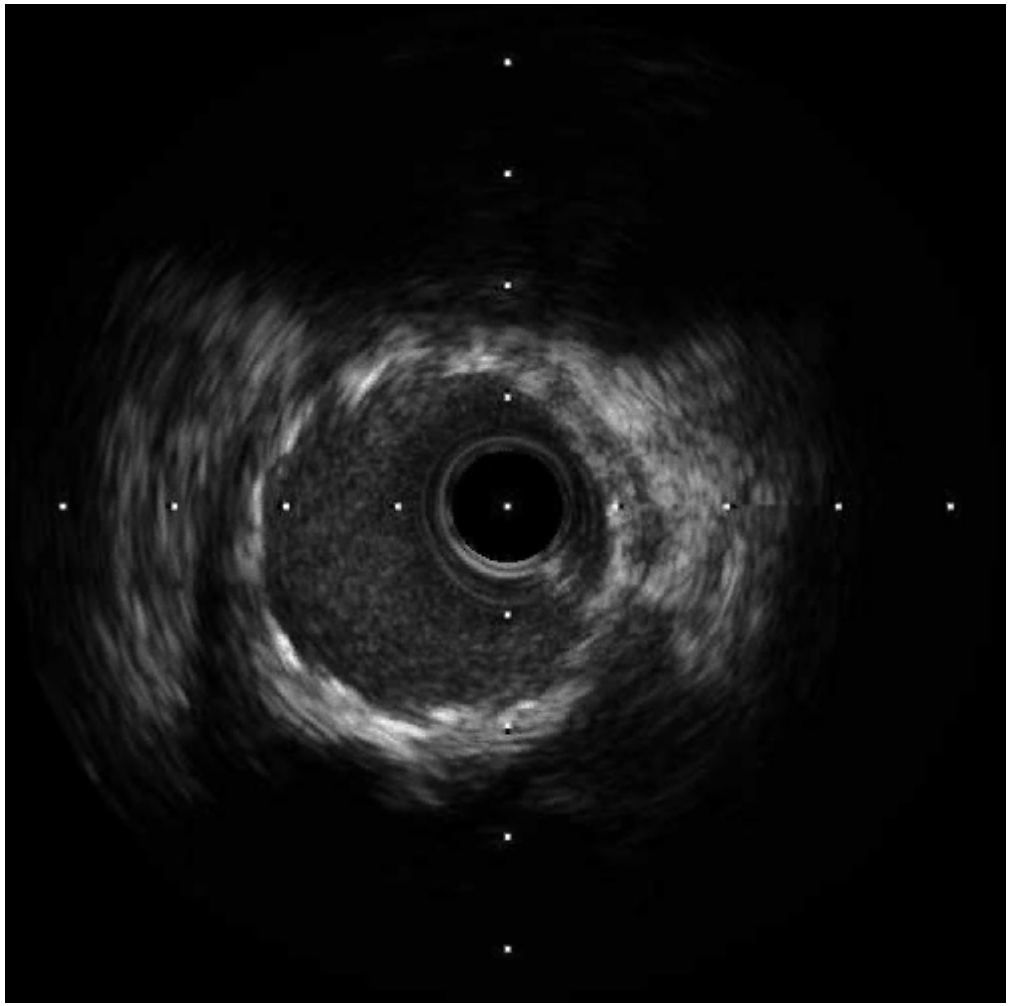


Baseline CAG (1)



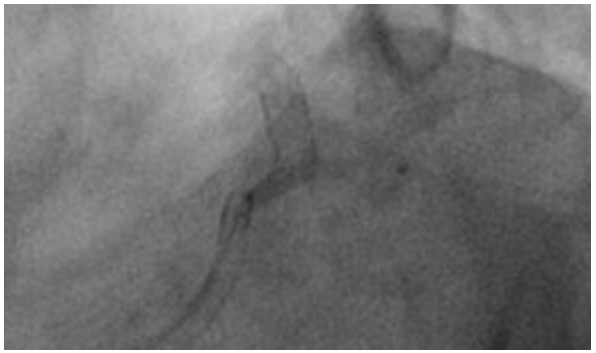
IVUS



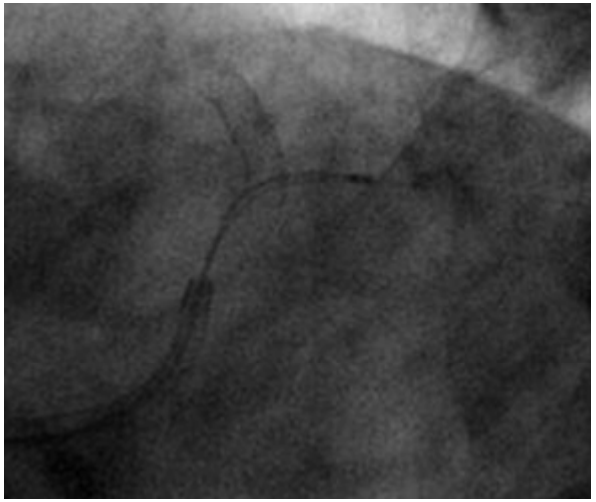


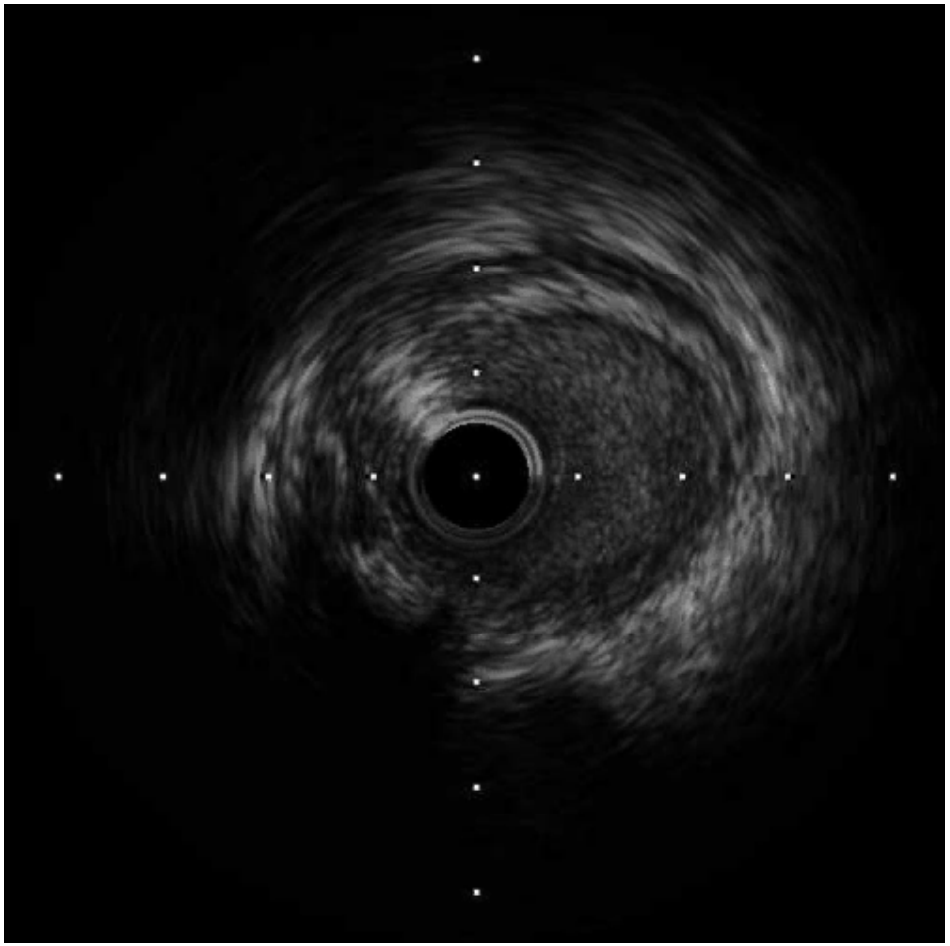
LADos - LM

IVUS

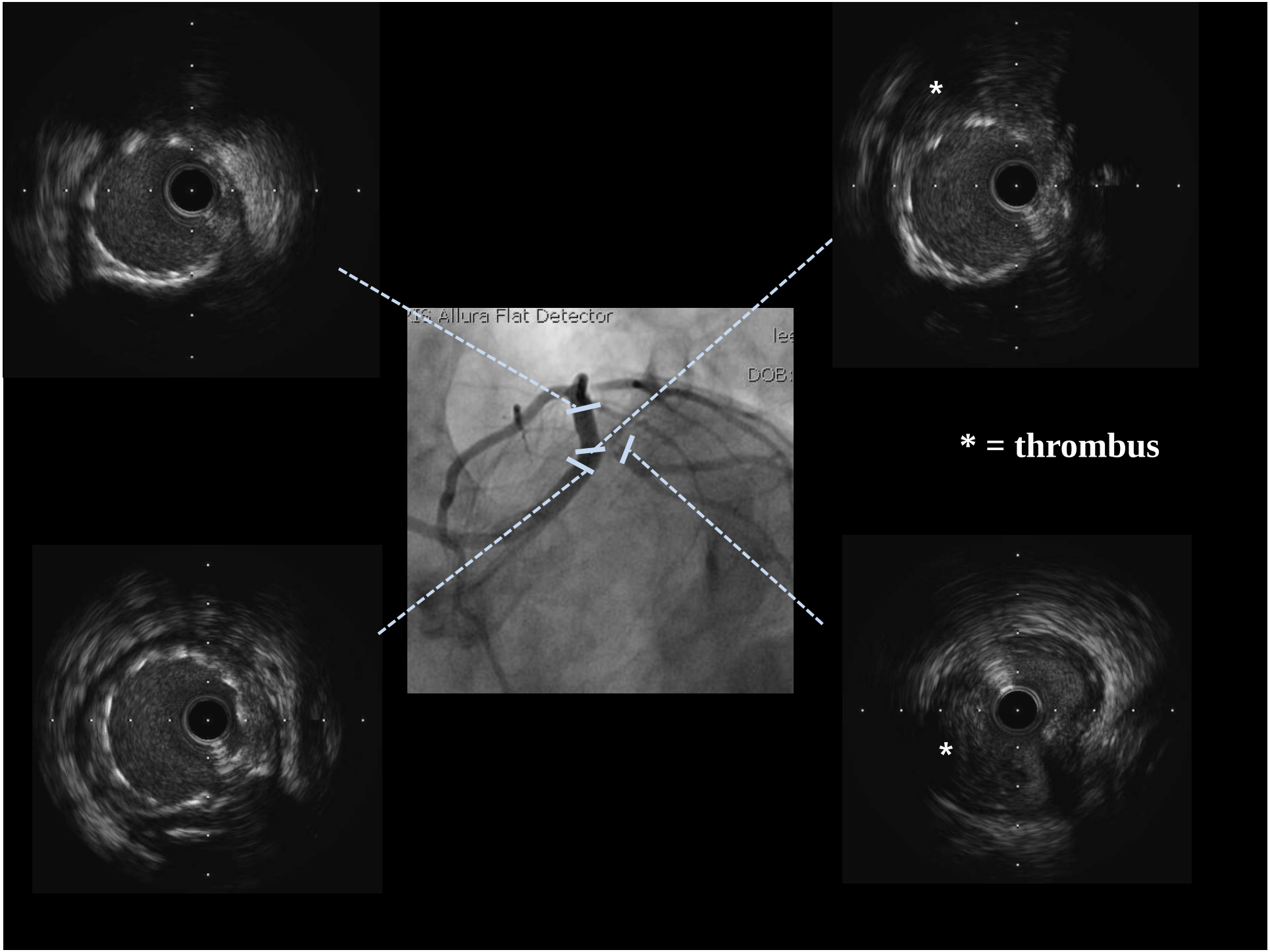


POBA ; Genoss 2.0x15mm

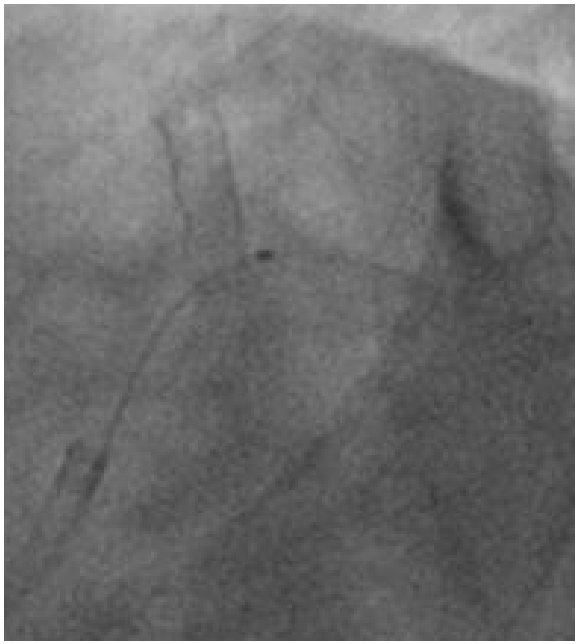




LCXp - LM


Allura Flat Detector
DOB:
* = thrombus

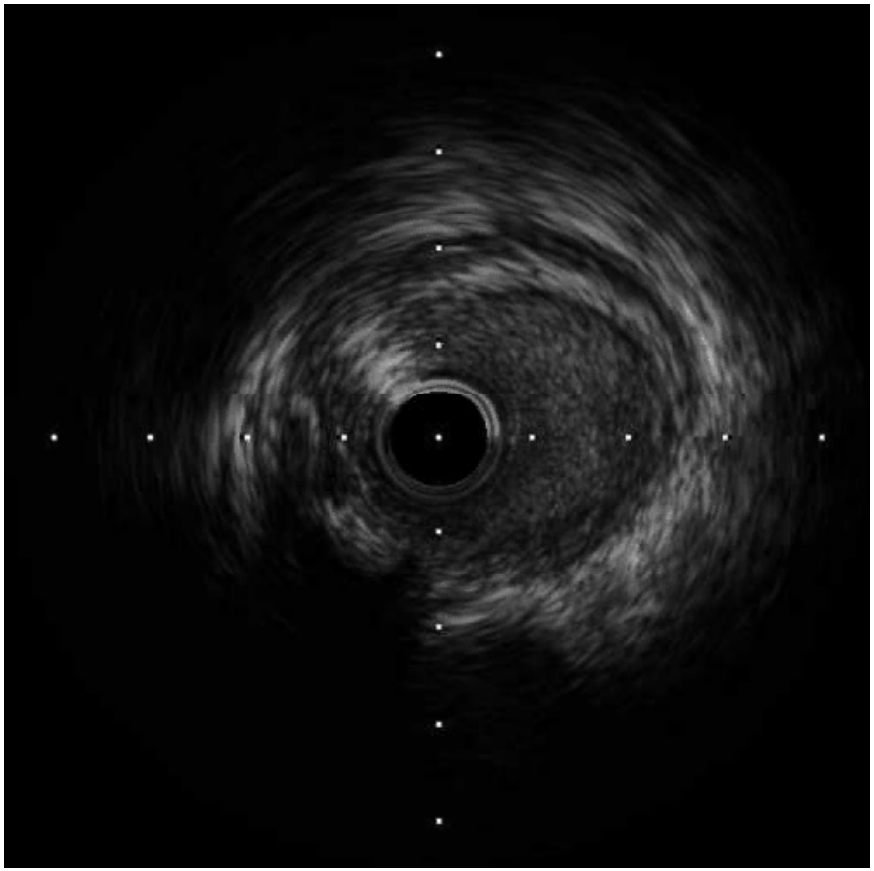
POBA & Thrombus aspiration



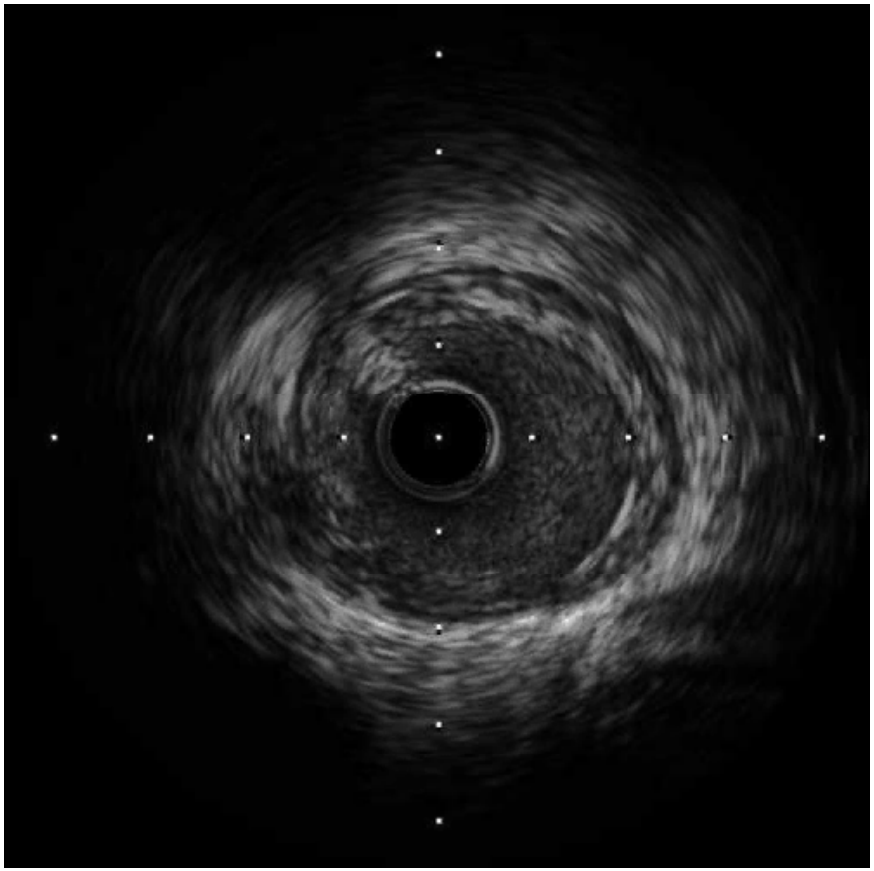
POBA ; SeQuent™ 2.5x15mm

Thrombus aspiration ; Thrombuster™ 6Fr

POBA IVUS (LCXos-LM)

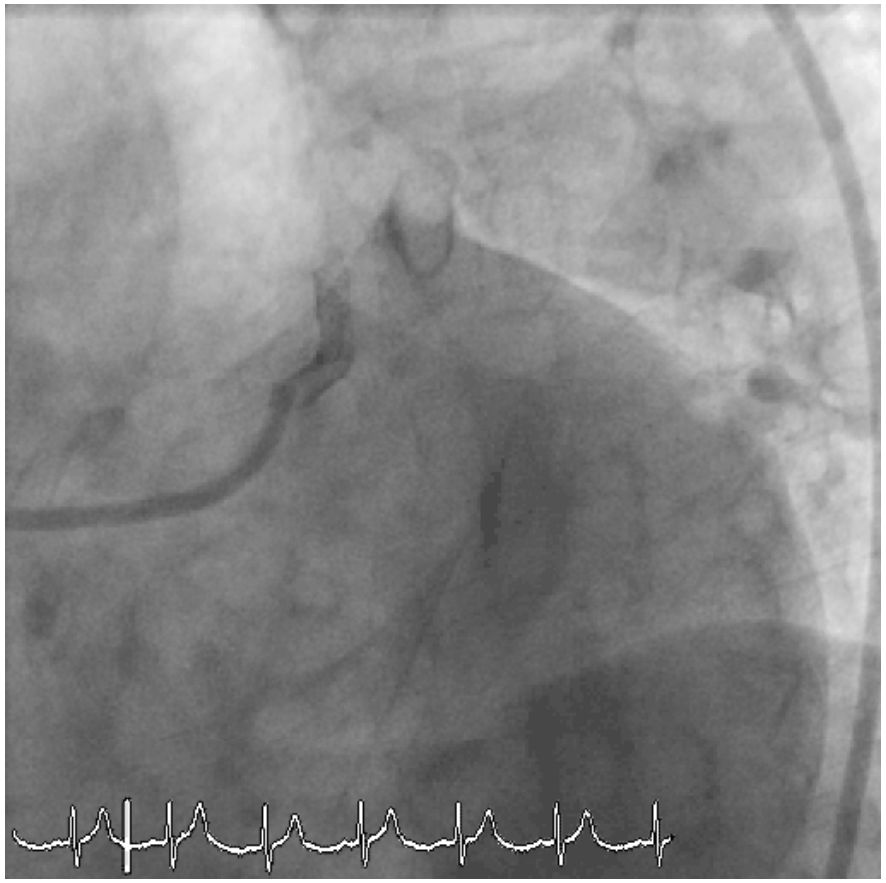


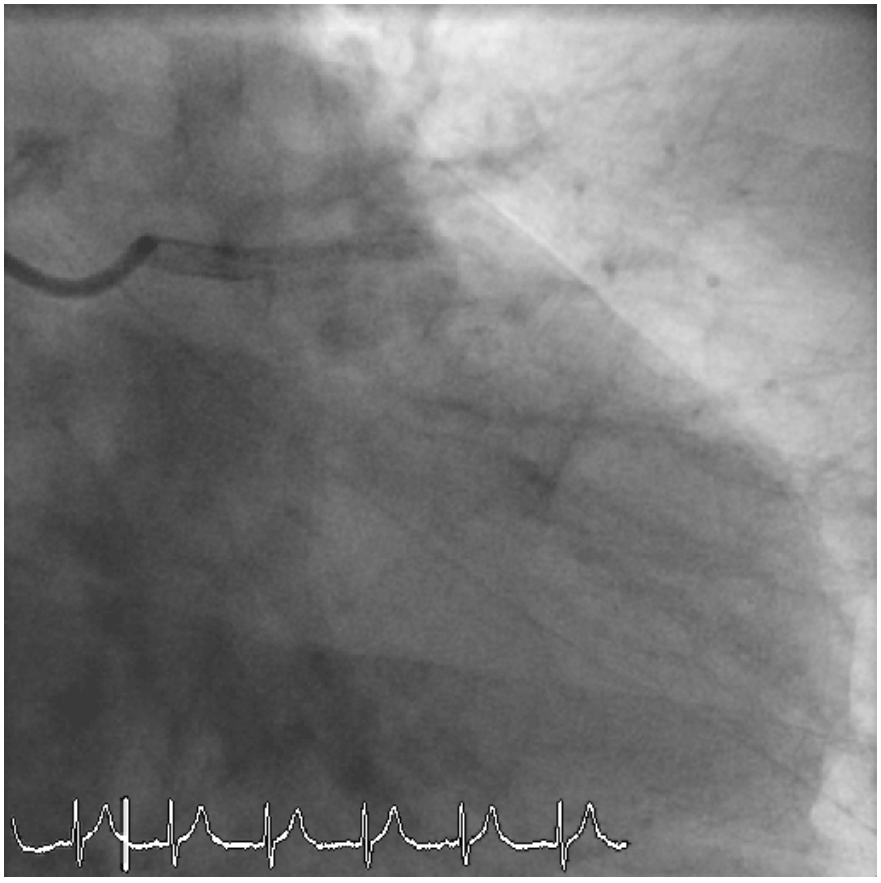
After 1st POBA



After repeated POBA &
Thrombus aspiration

Final CAG





Platelet Function Test

VerifyNow™ Aspirin ; 395 ARU **(< 500 if on aspirin)**

VerifyNow™ P2Y12 ; 57 % inhibition **(optimal; 40-60%)**

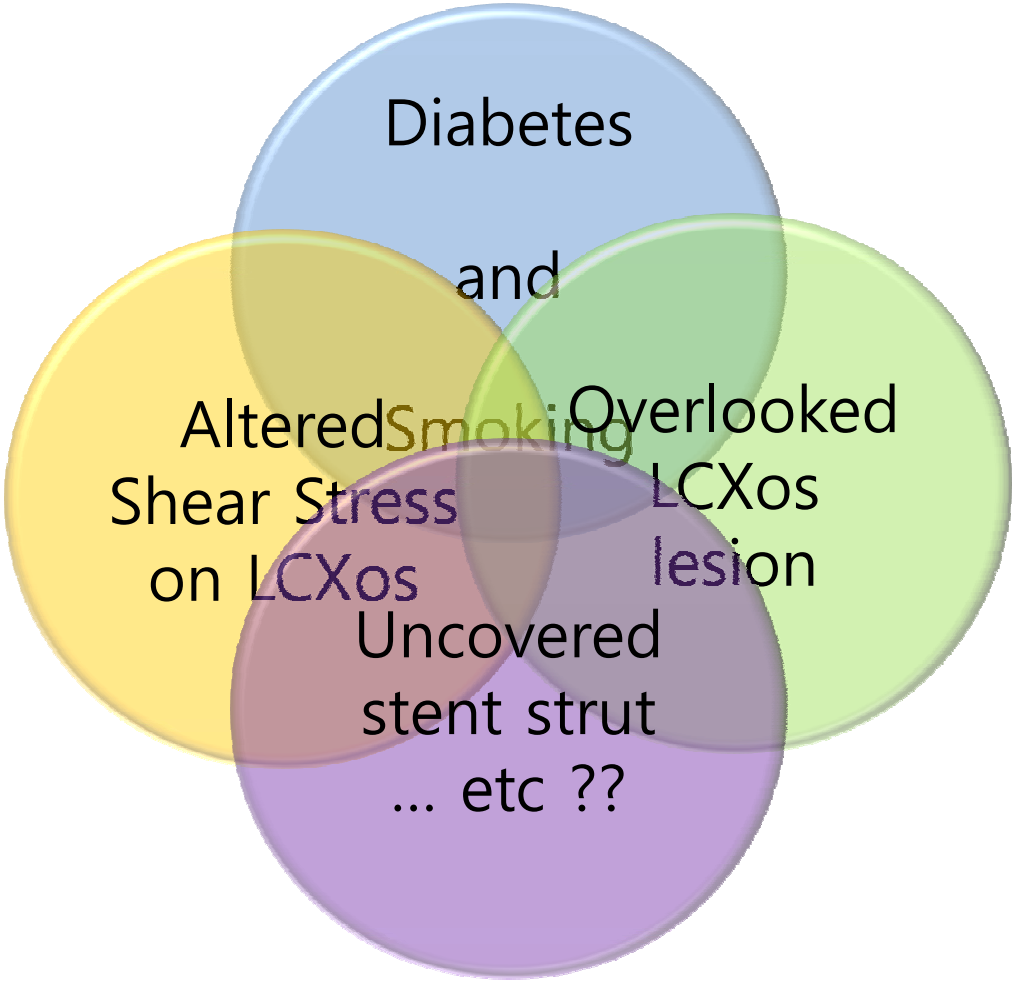
Question ??

1. **Whether side branch Balloon after Cross-over can be helpful to prevent this event??**

2. **What is the natural course of DES strut positioned on the Side branch??**

3. **What is the optimal antiplatelet therapy in this patients from now?**

Possible cause of ST



Thanks for Your Attention