复旦大学附属中山医院心内科
上海市心血管病研究所

Case Report:

Ostial Left main CTO PCI

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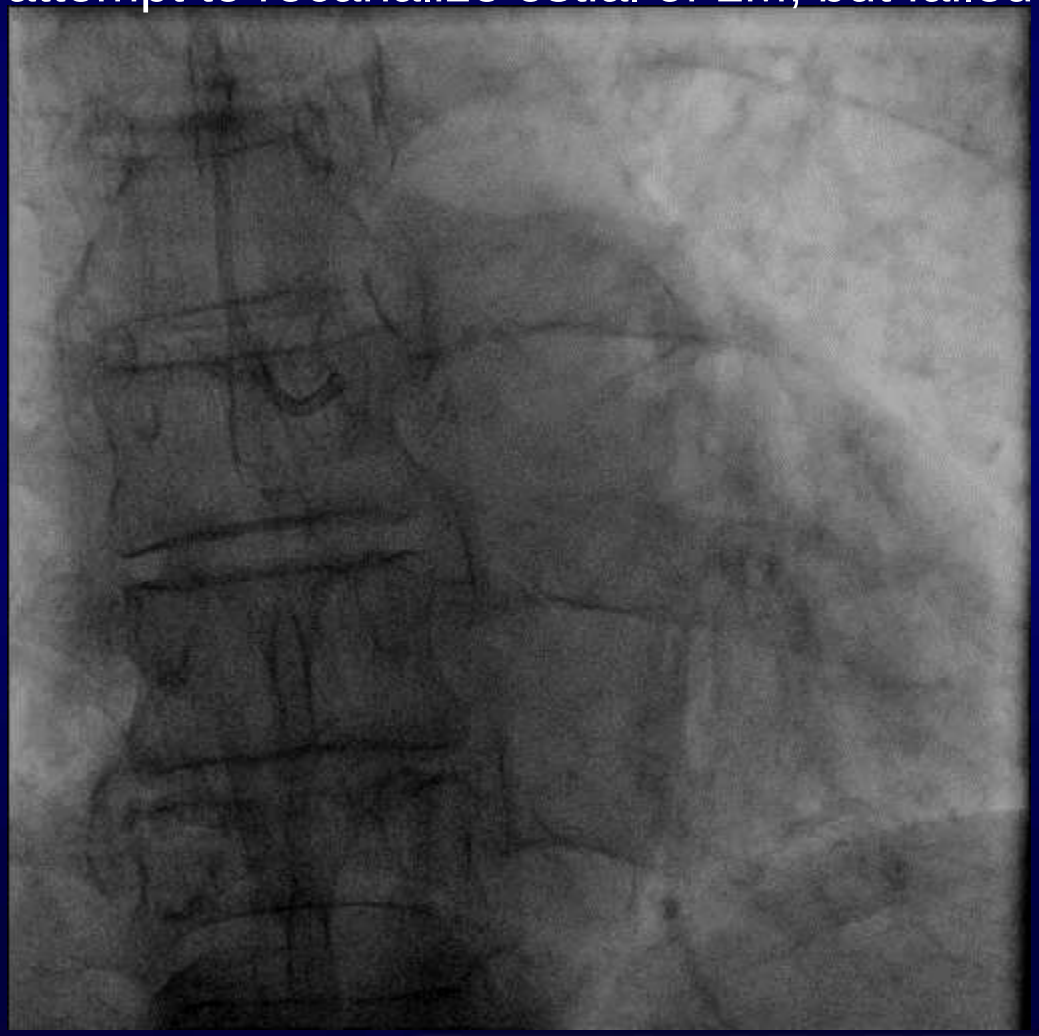
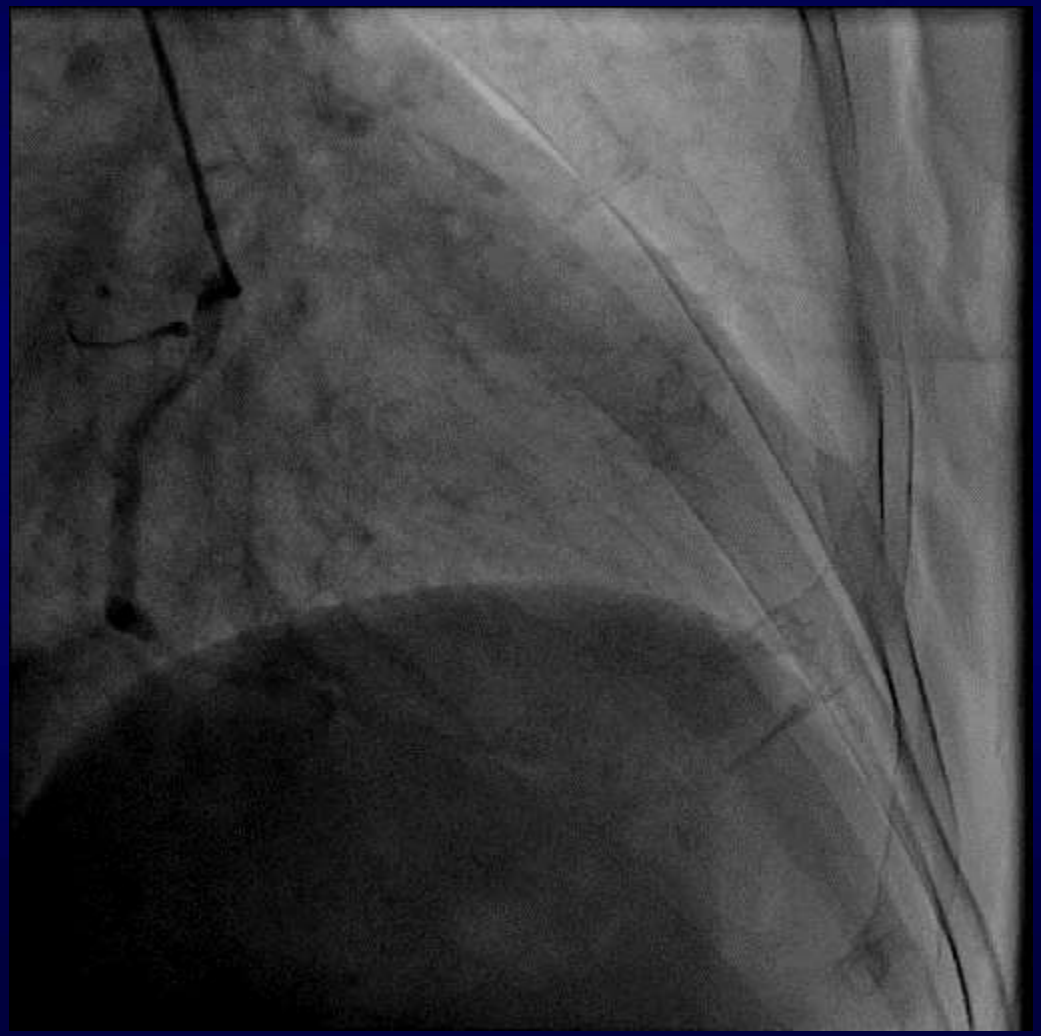
Ostial Left main CTO PCI

Male, 79 yrs, Recurrent chest pain for 10 yrs, LVEF 64%.
Two months ago, attempt to recanalize ostial of LM, but failed



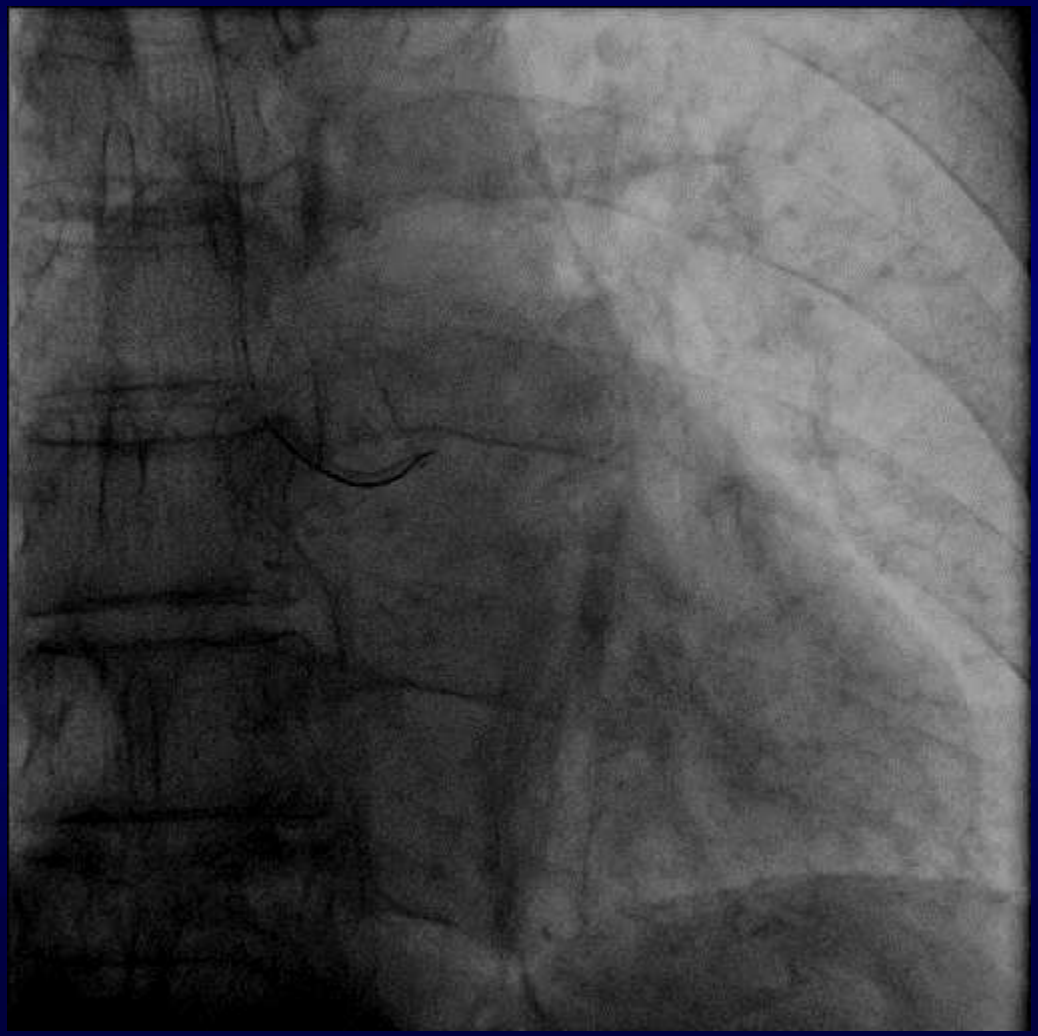
First procedure

Ostial Left main CTO PCI



First procedure

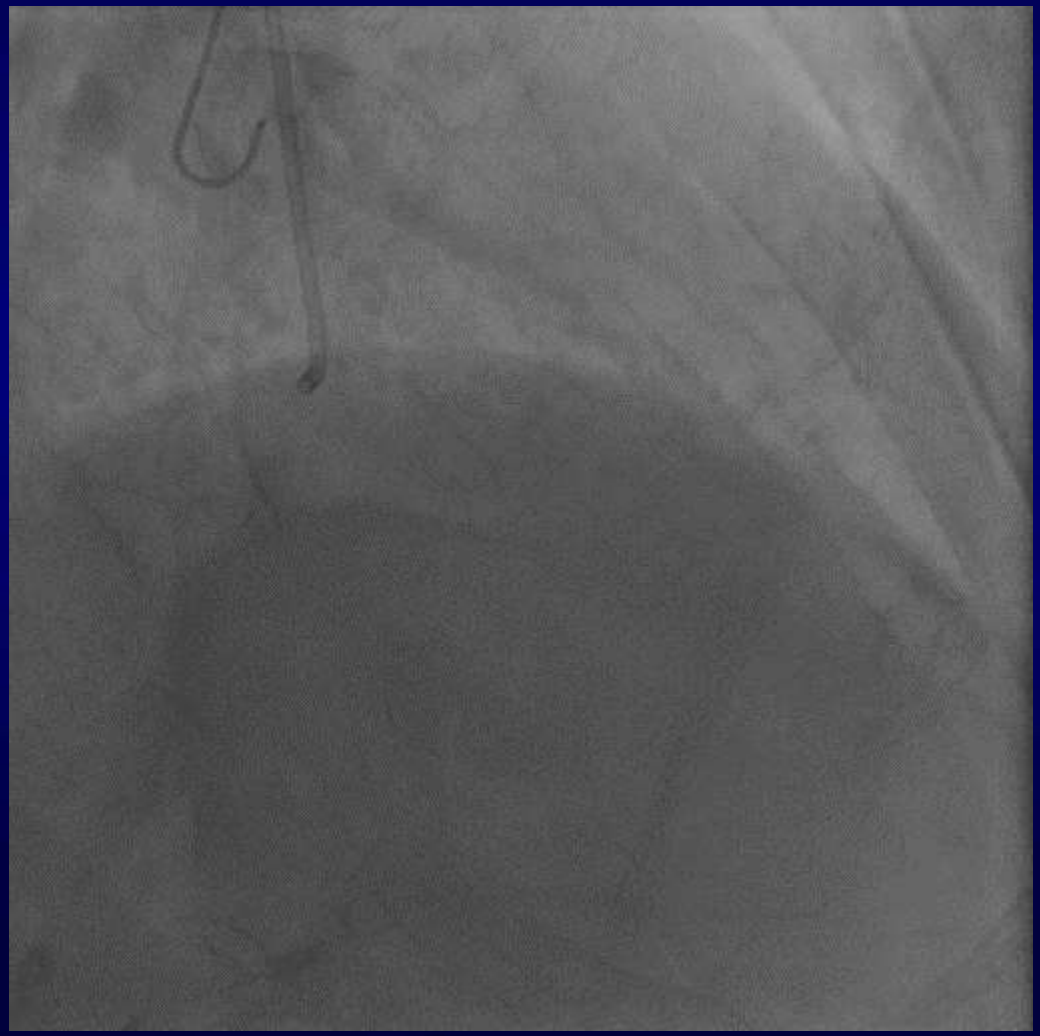
Ostial Left main CTO PCI



First procedure

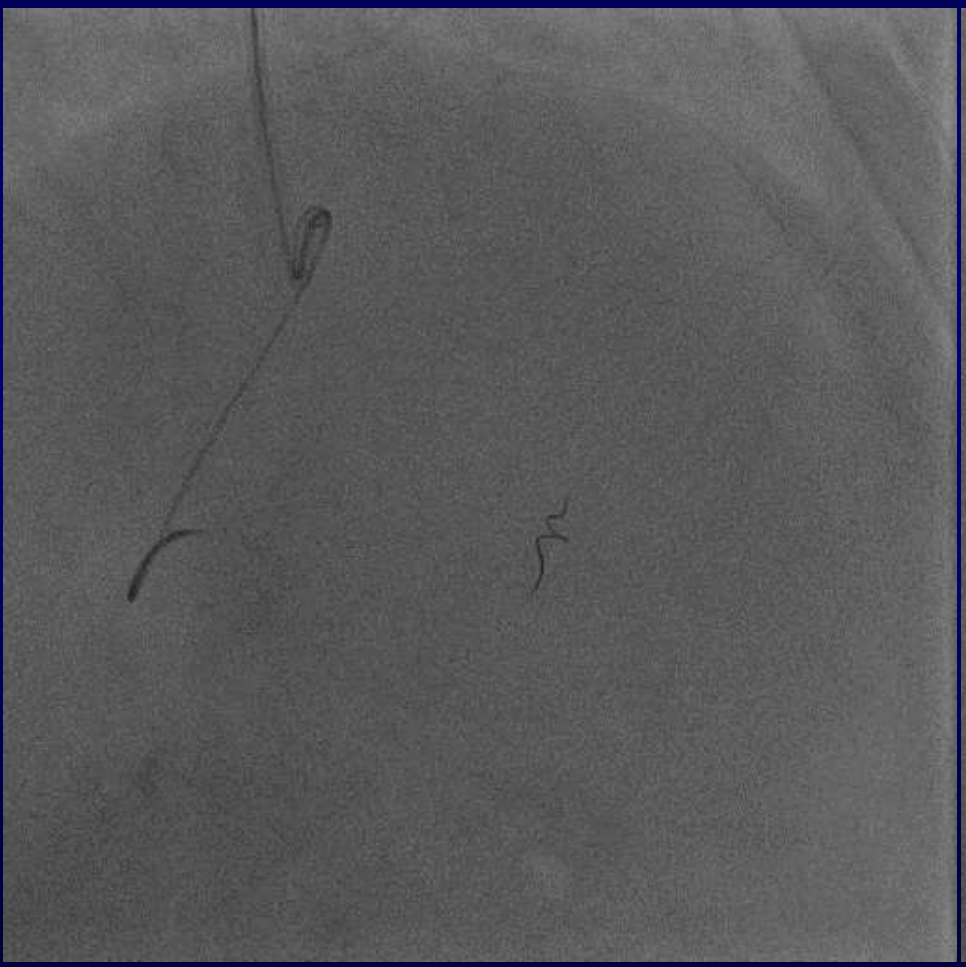
Ostial Left main CTO PCI

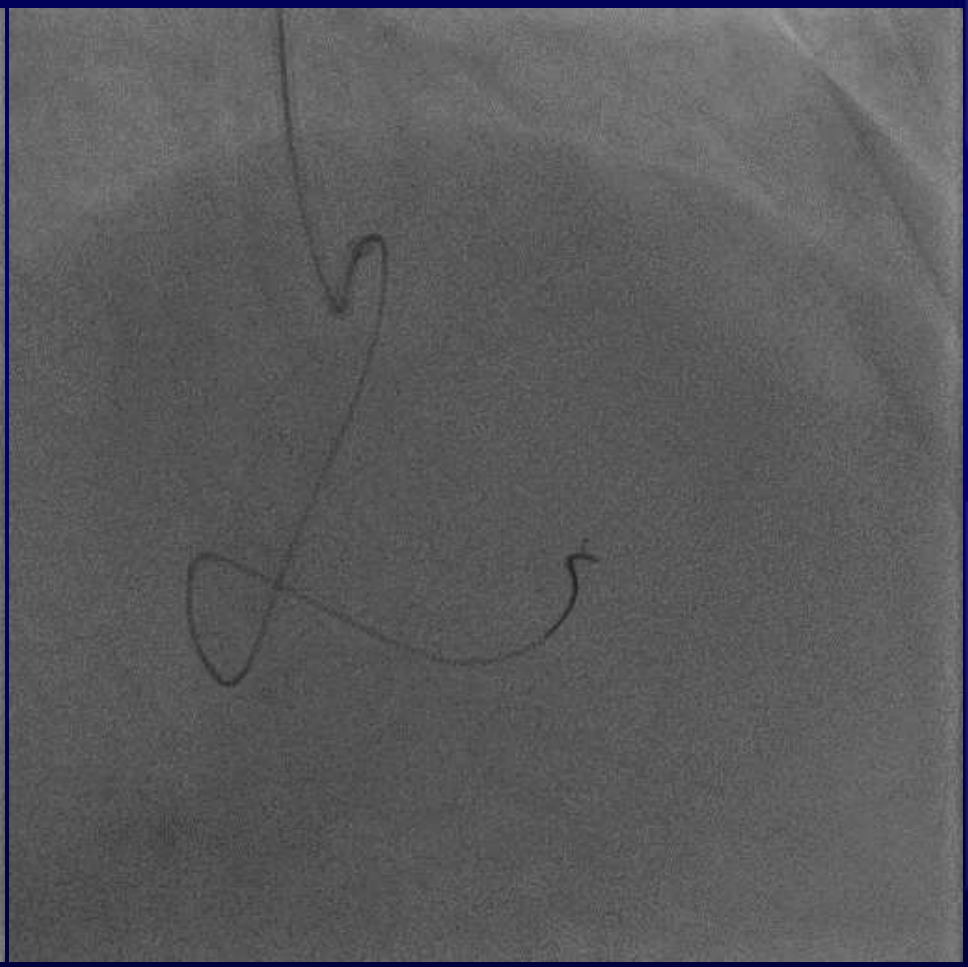
Two months later, re-attempt in my hospital



Ostial Left main CTO PCI

6F AL 0.75 SH, 150cm Corsair + Sion





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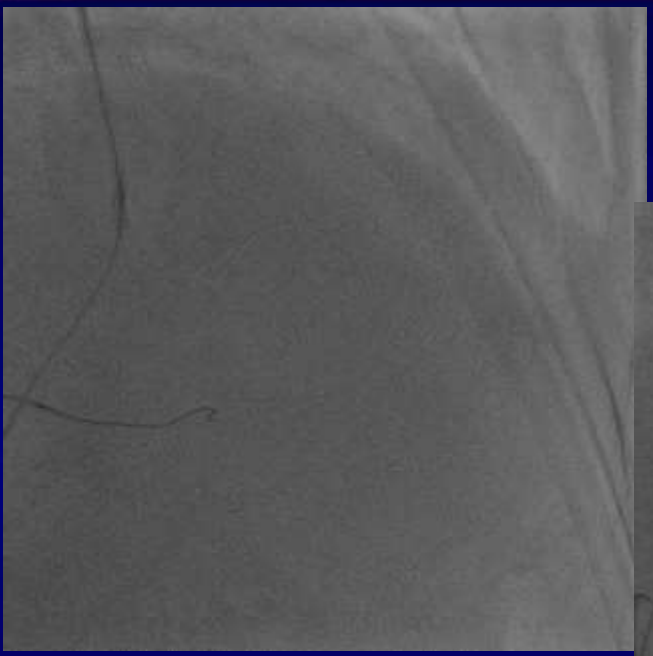

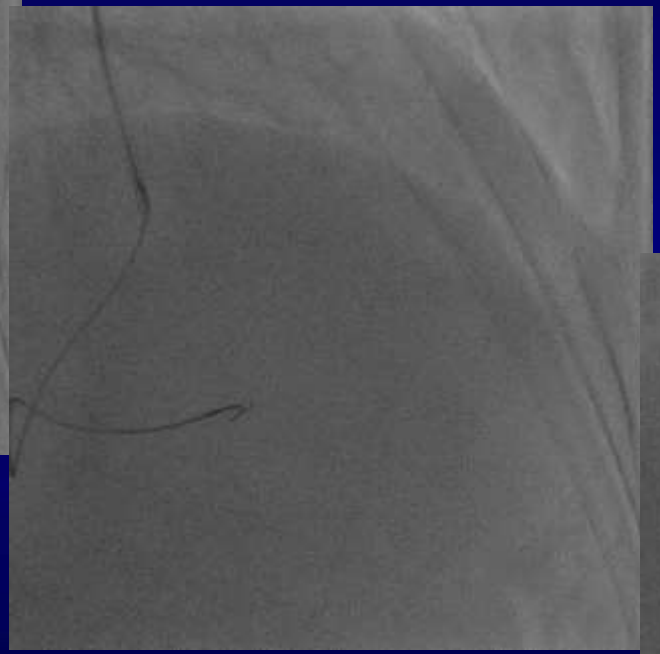

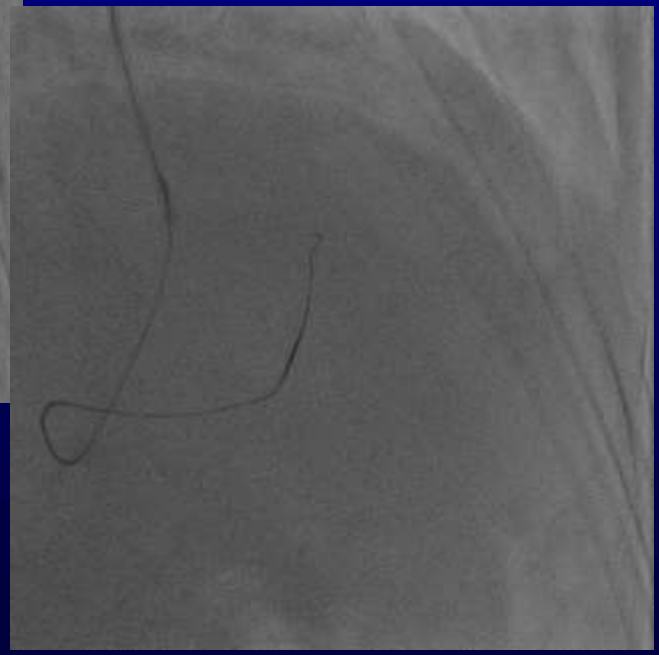

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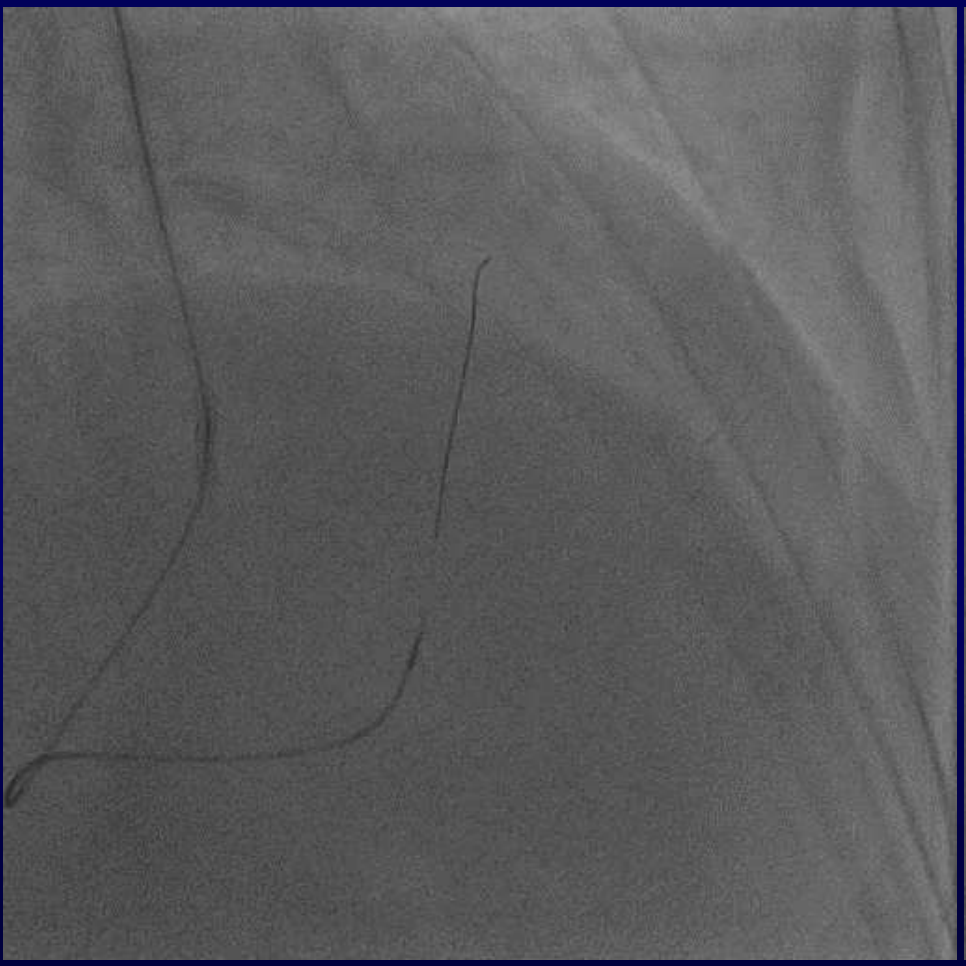
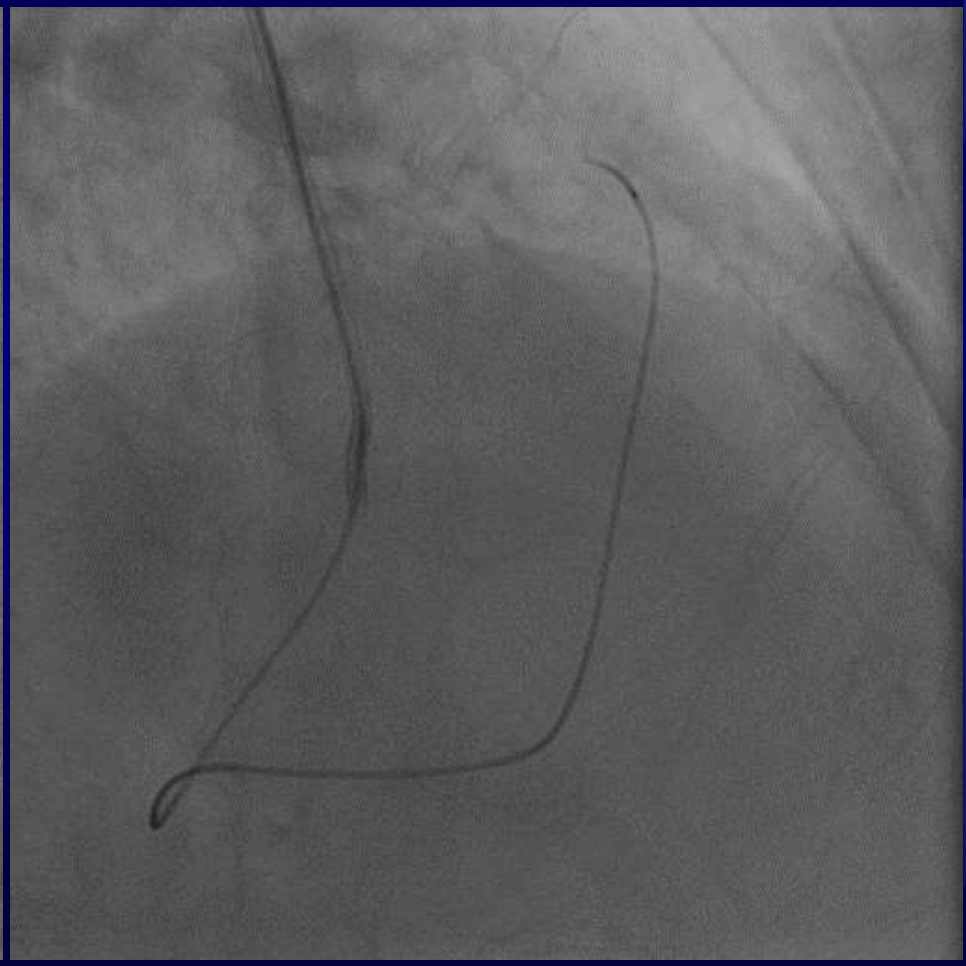
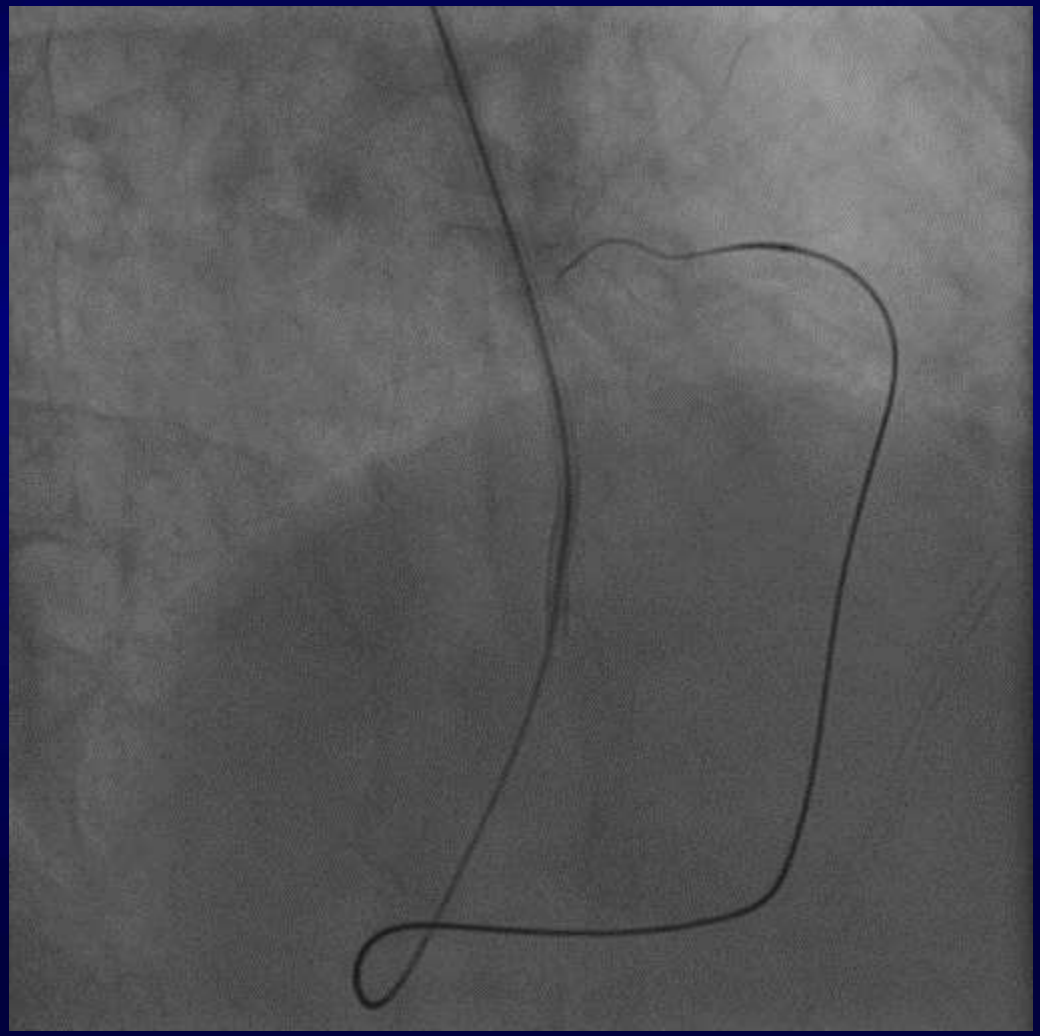




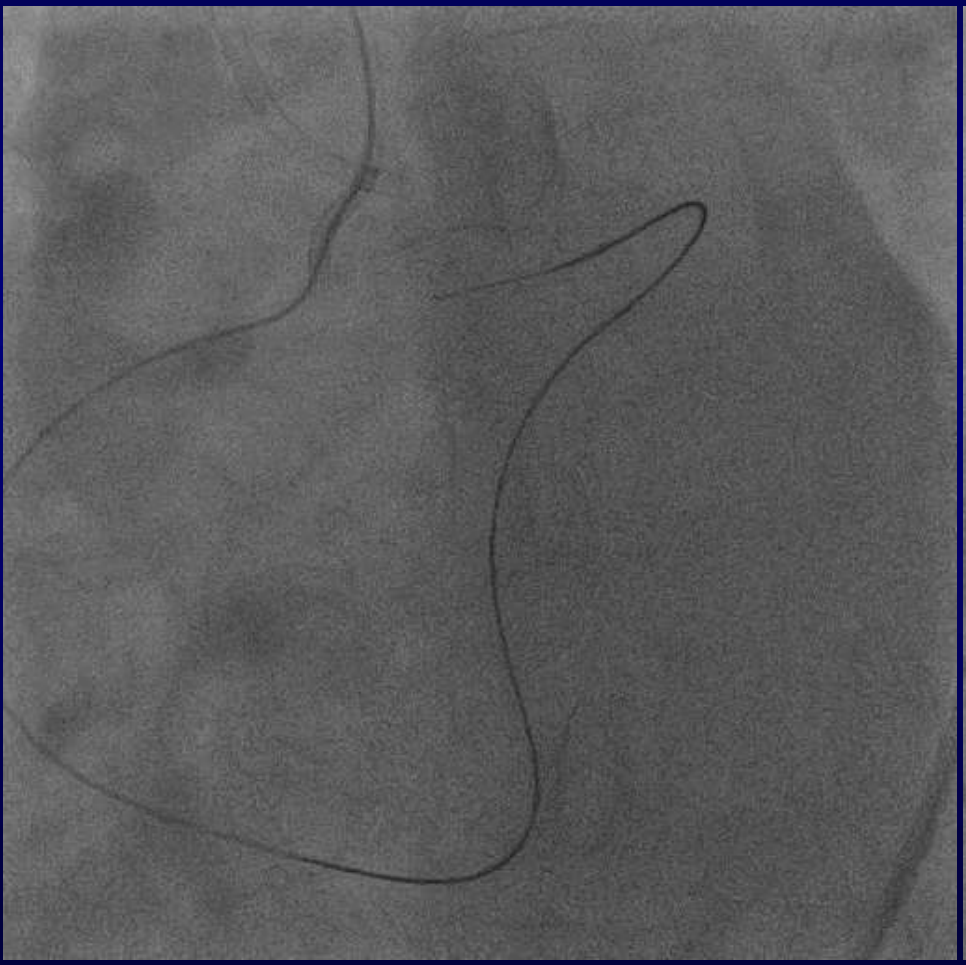
Ostial Left main CTO PCI

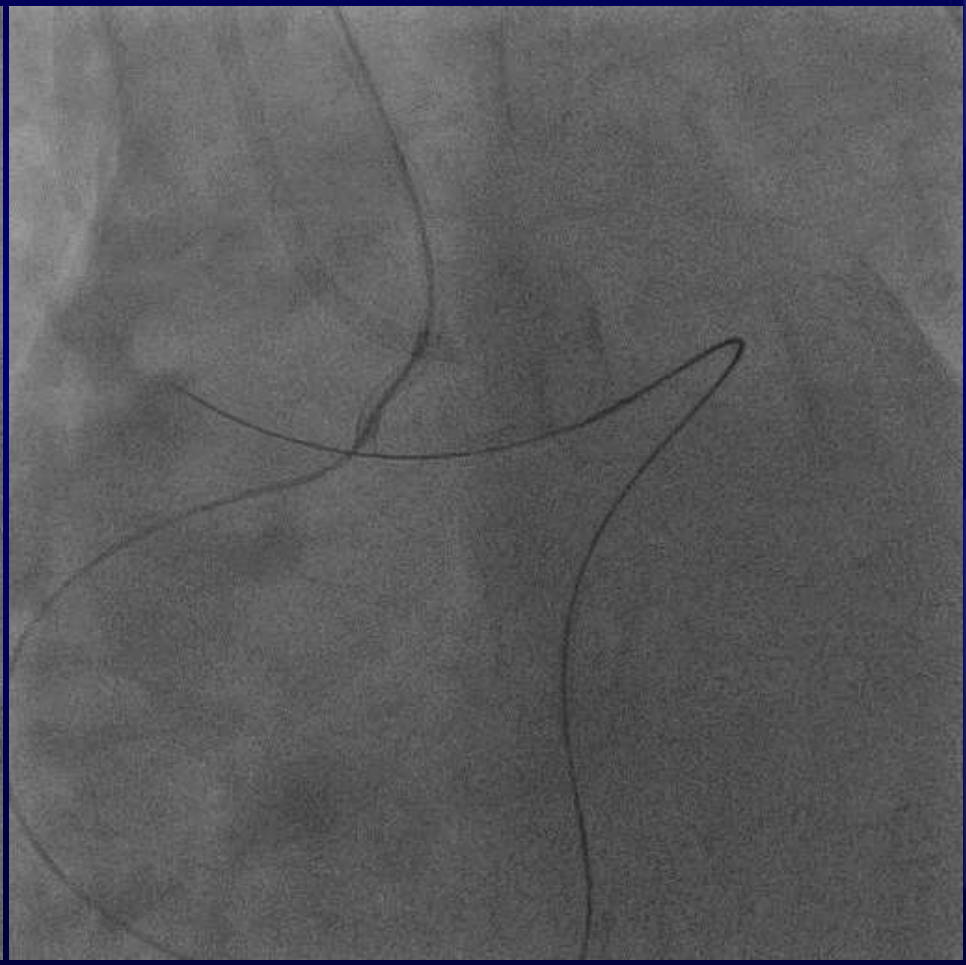
Fielder XT-R, GAIA First failed to cross CTO



Ostial Left main CTO PCI

GAIA Second into root of aorta





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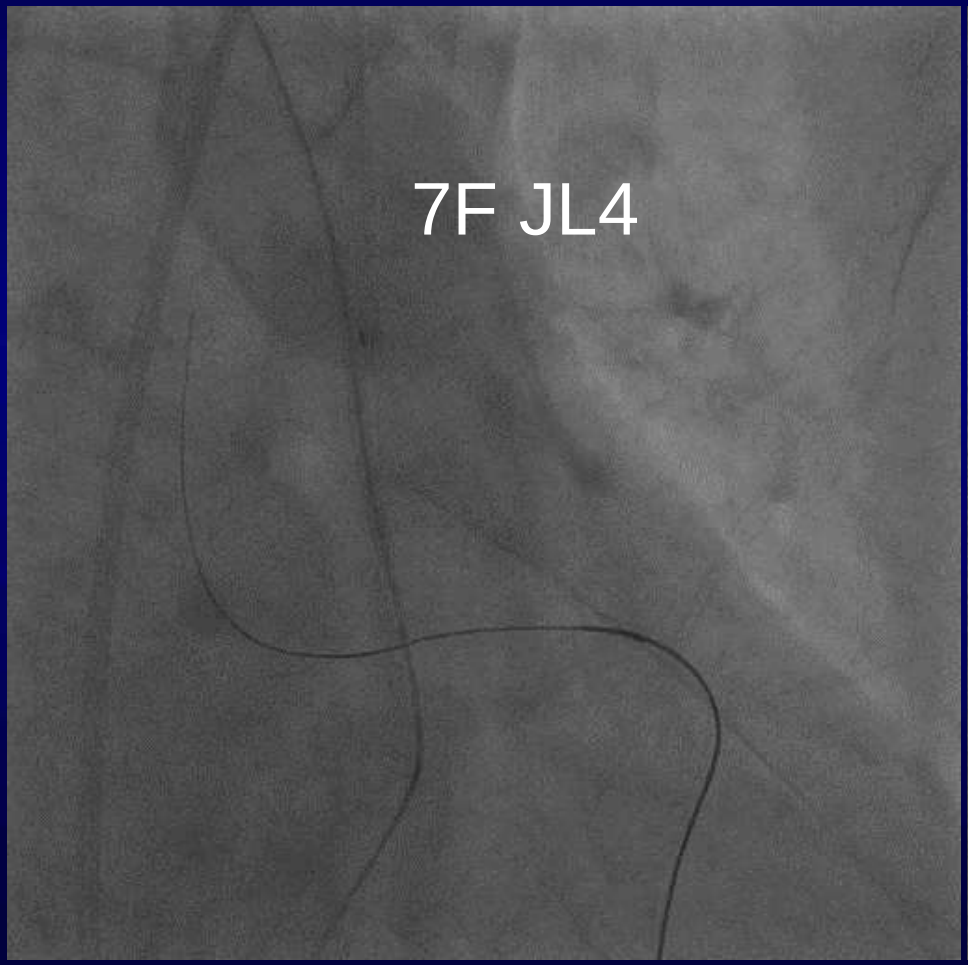
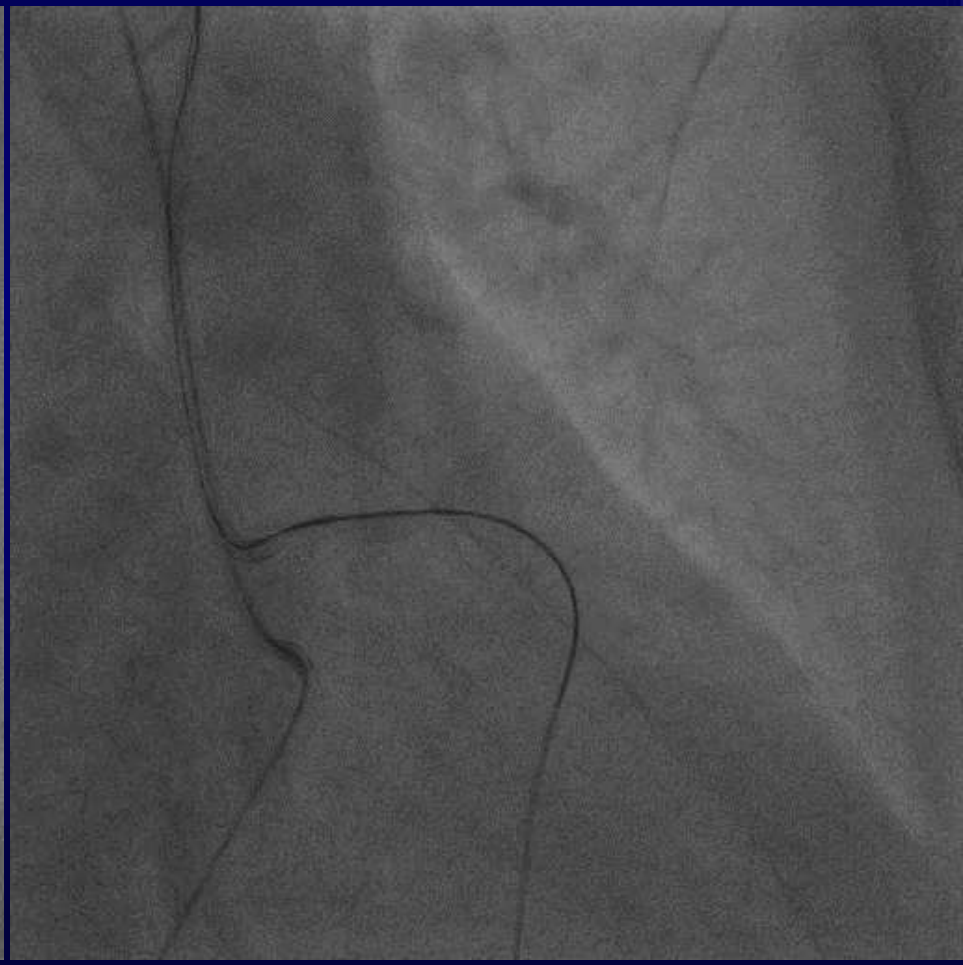
Home made snare with 5F daughter-in-mother catheter





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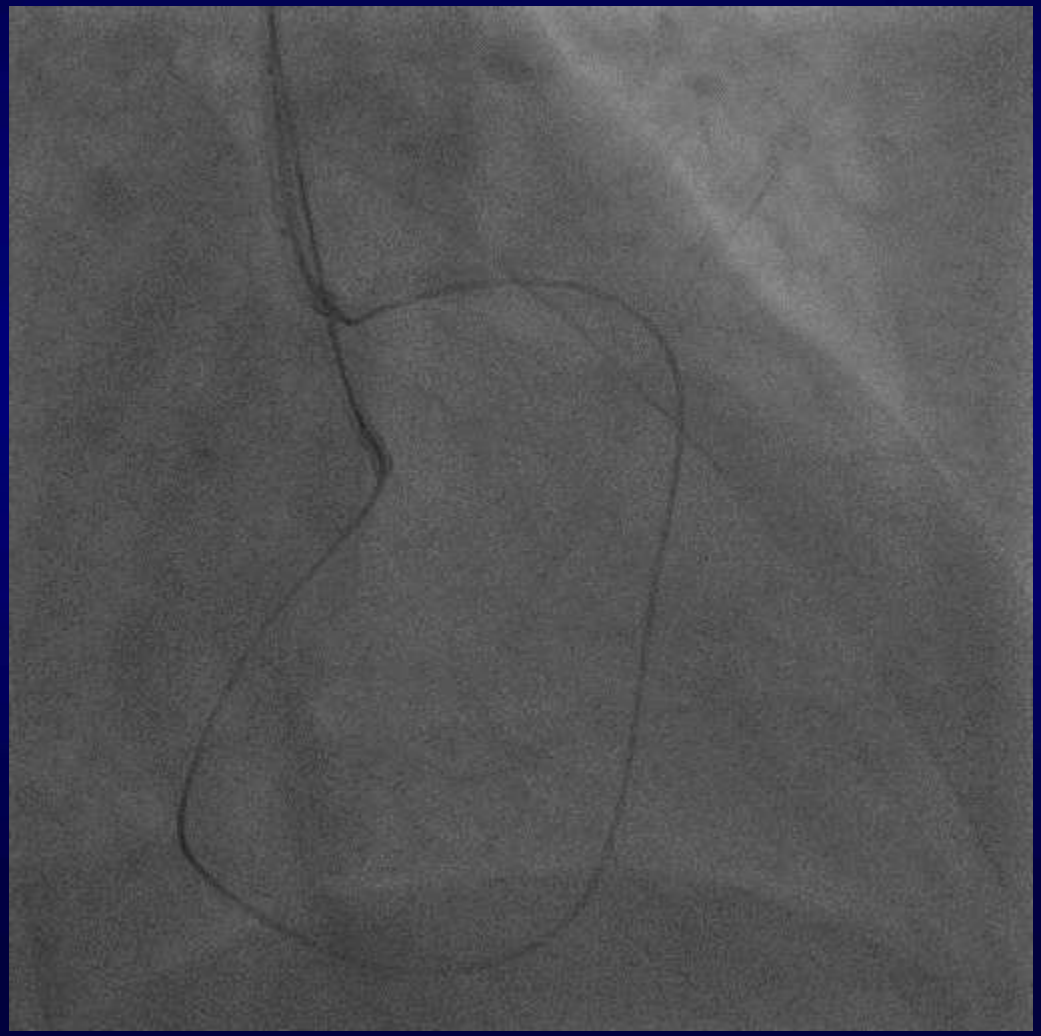
Externalization with RG3



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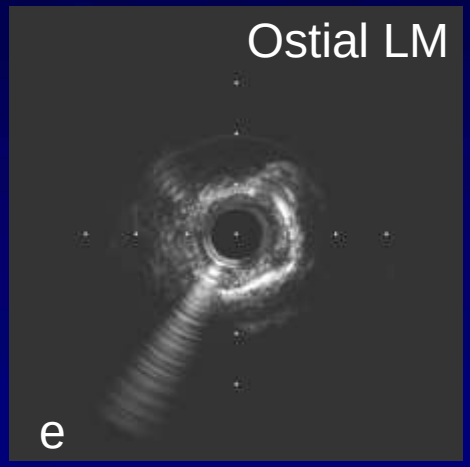

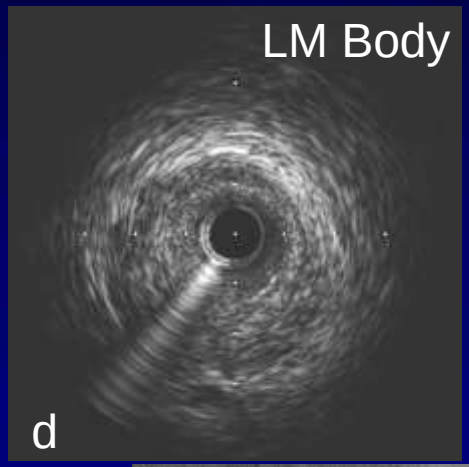

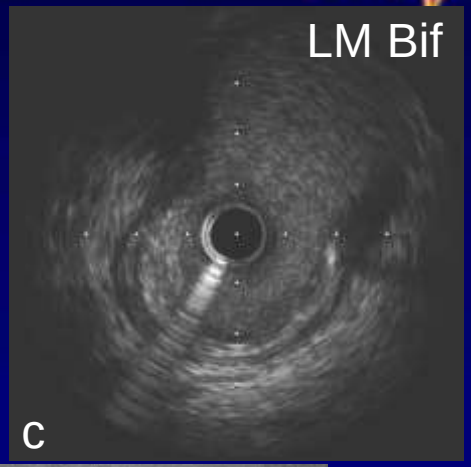

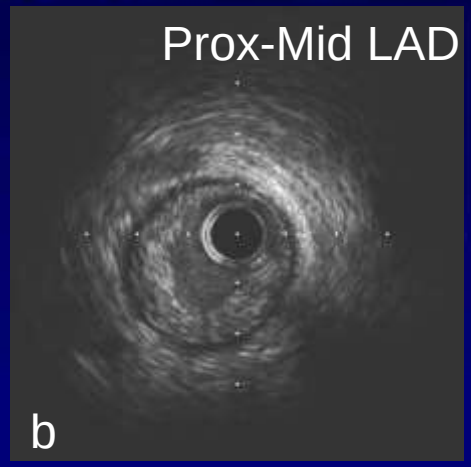

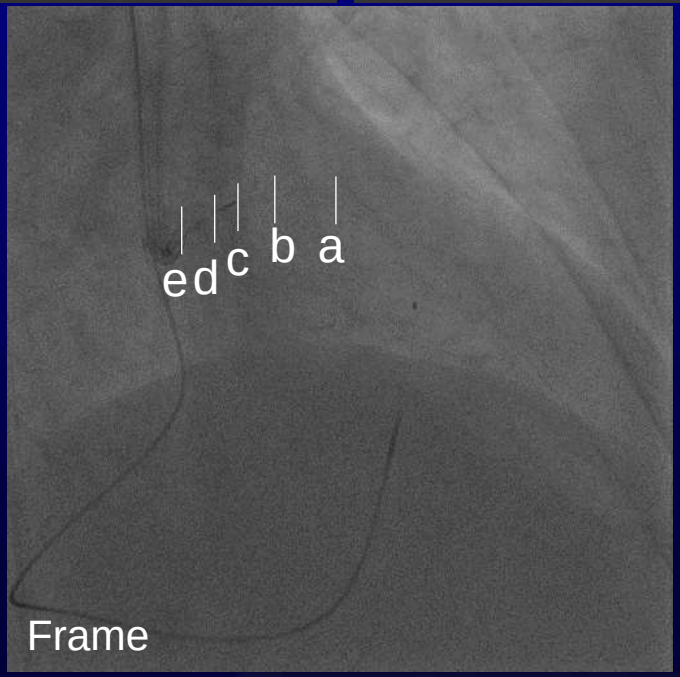

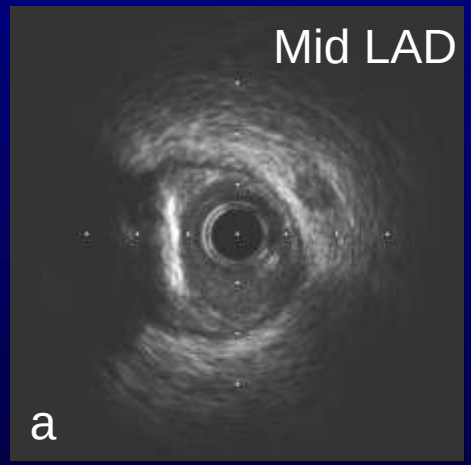

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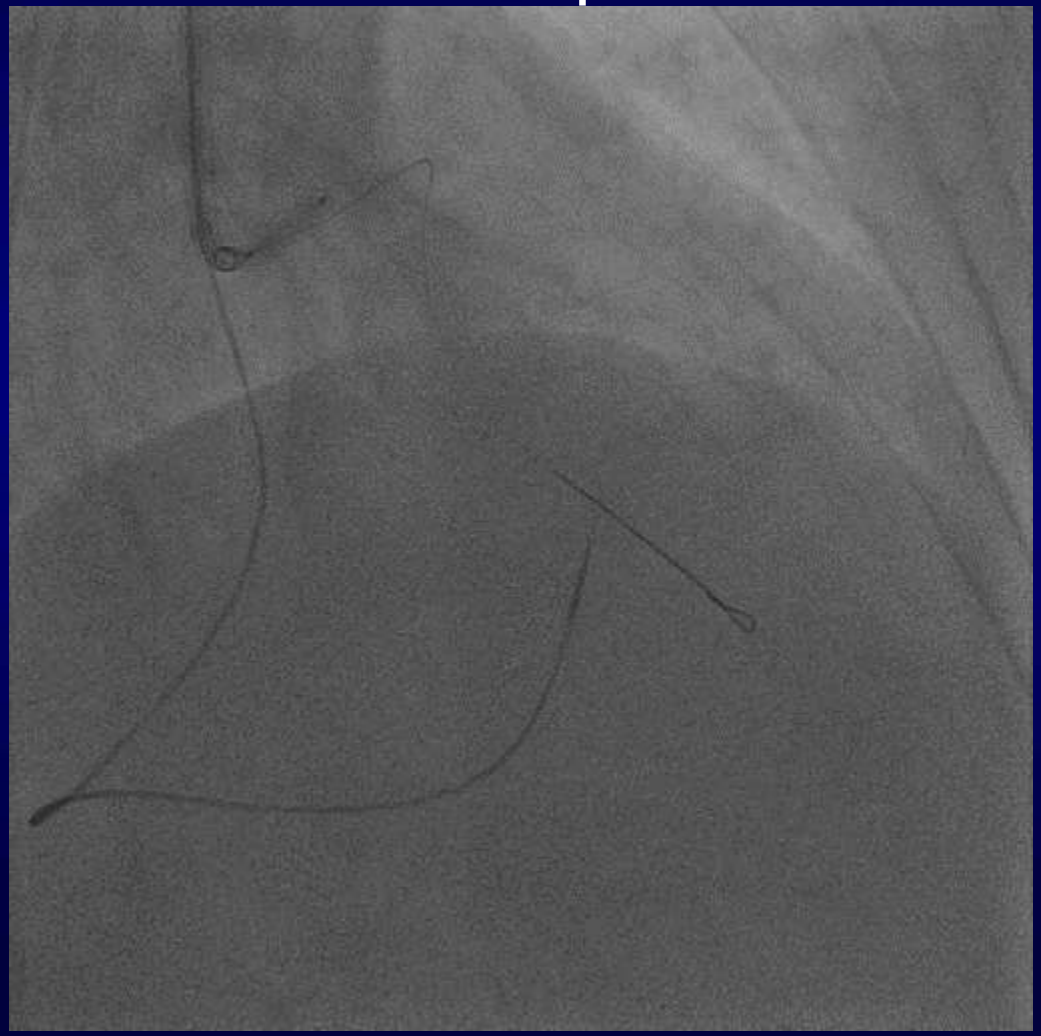
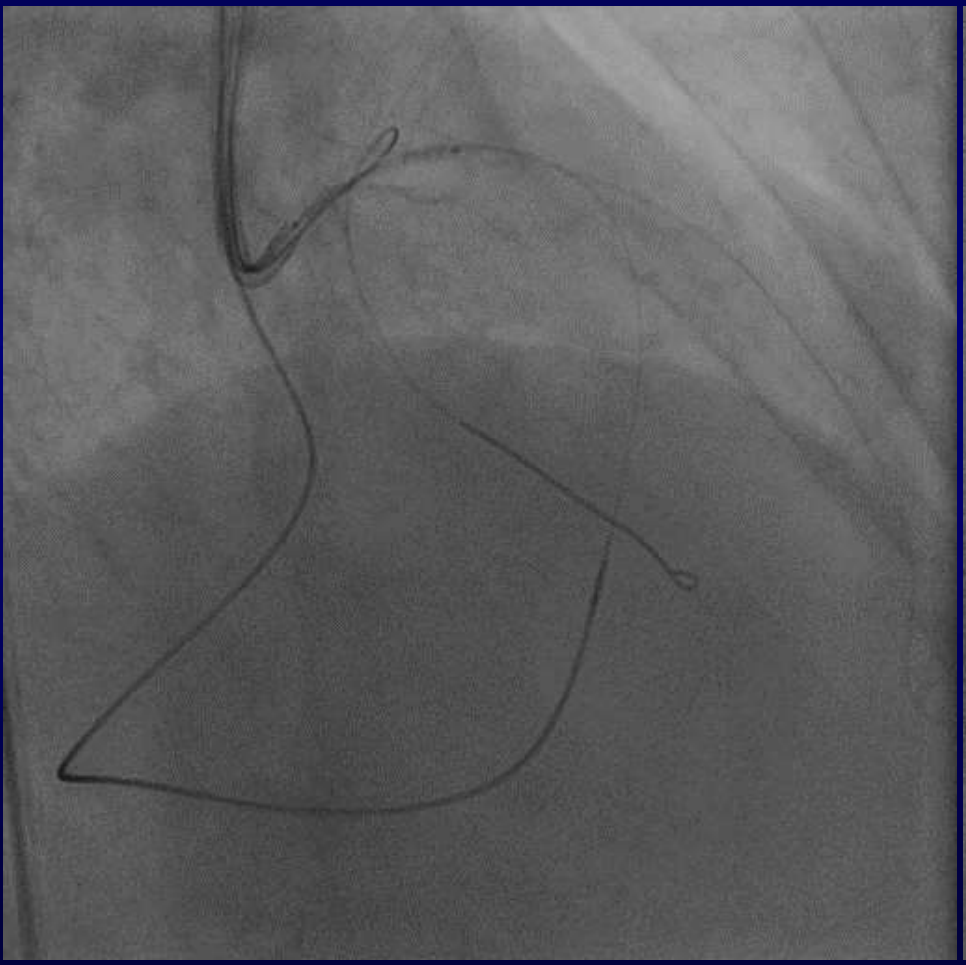
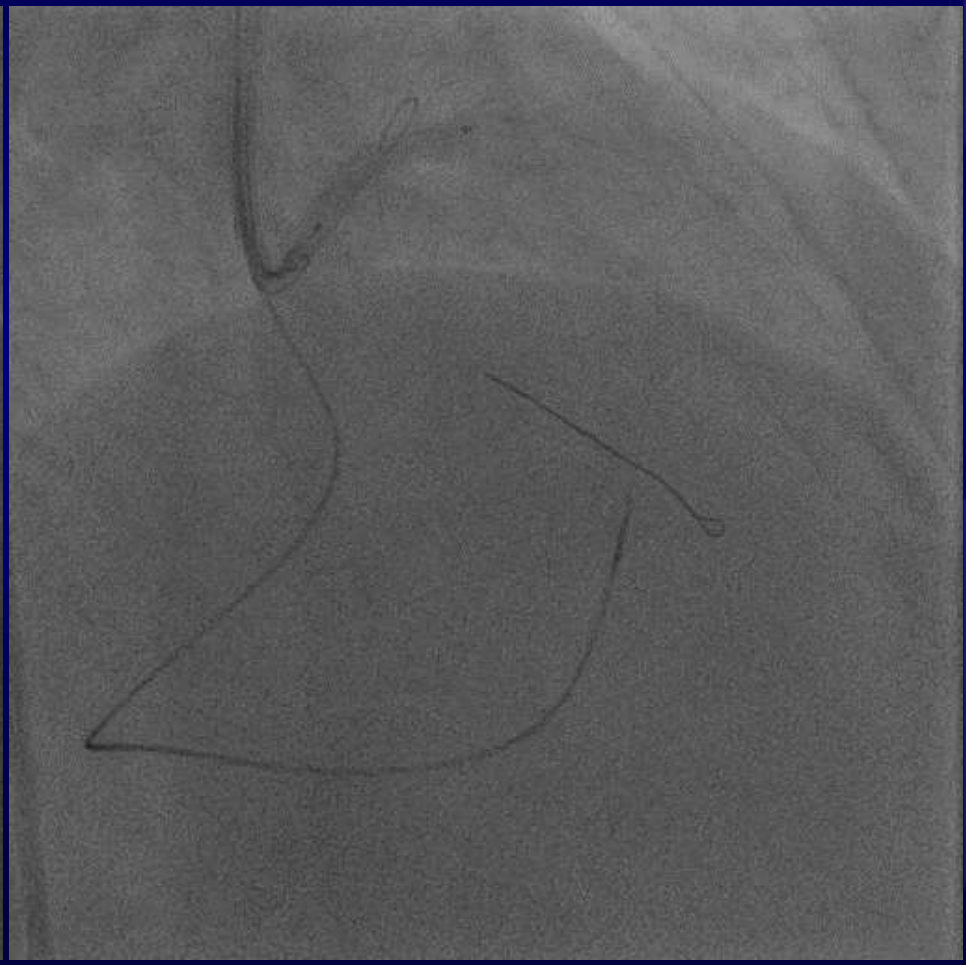
2.5mm balloon predilatation



Ostial Left main CTO PCI

3.5*18 mm SES





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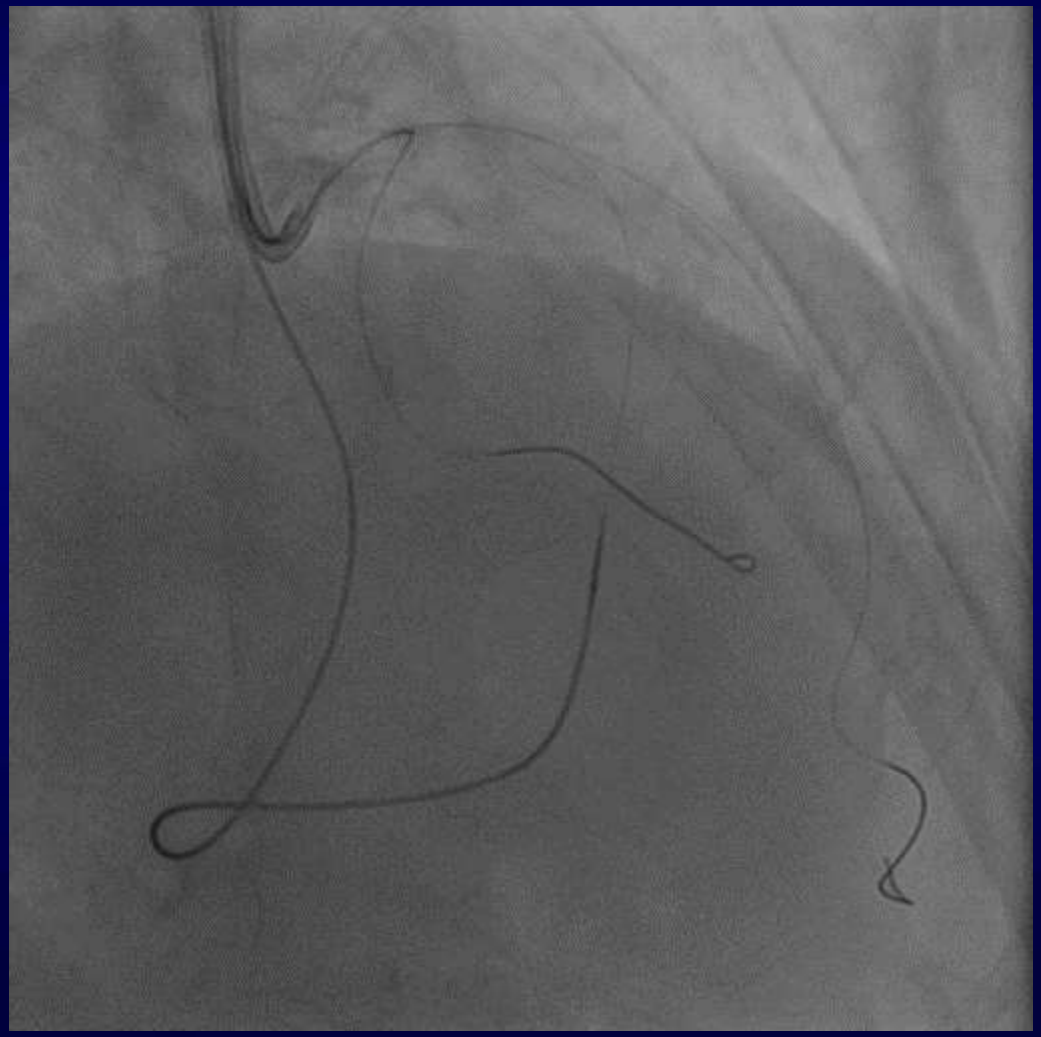

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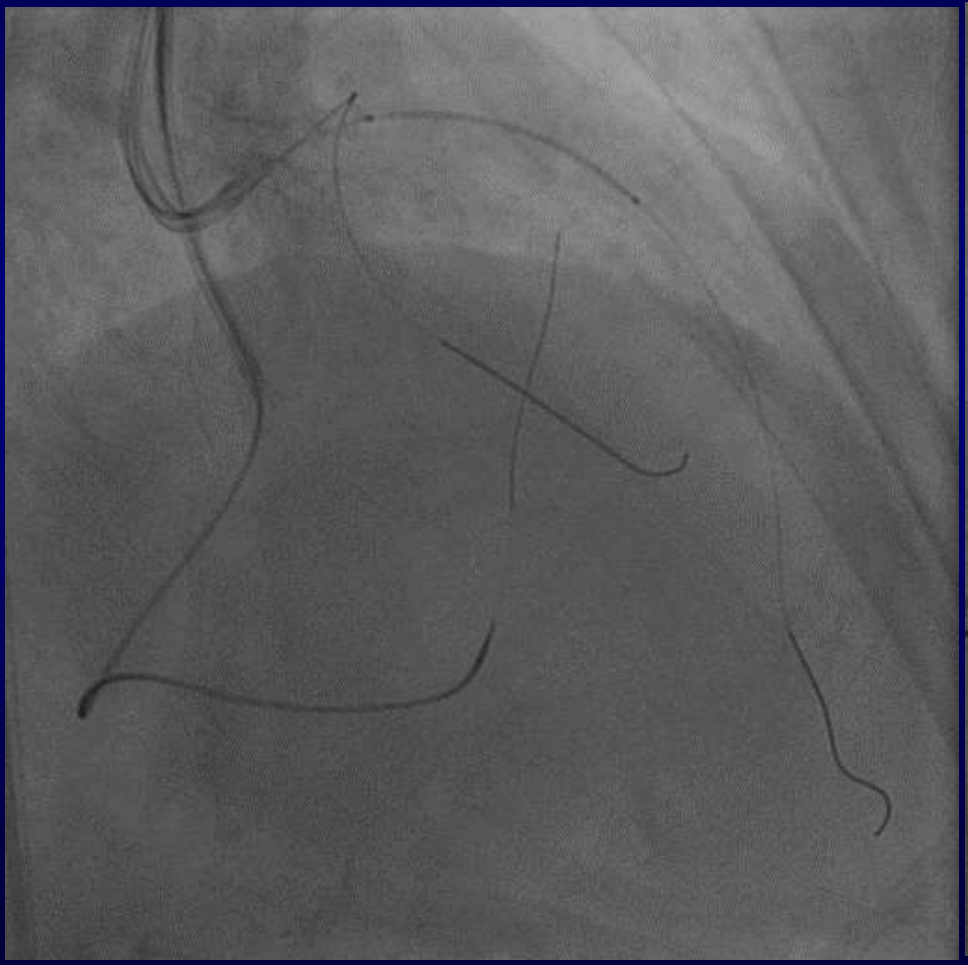
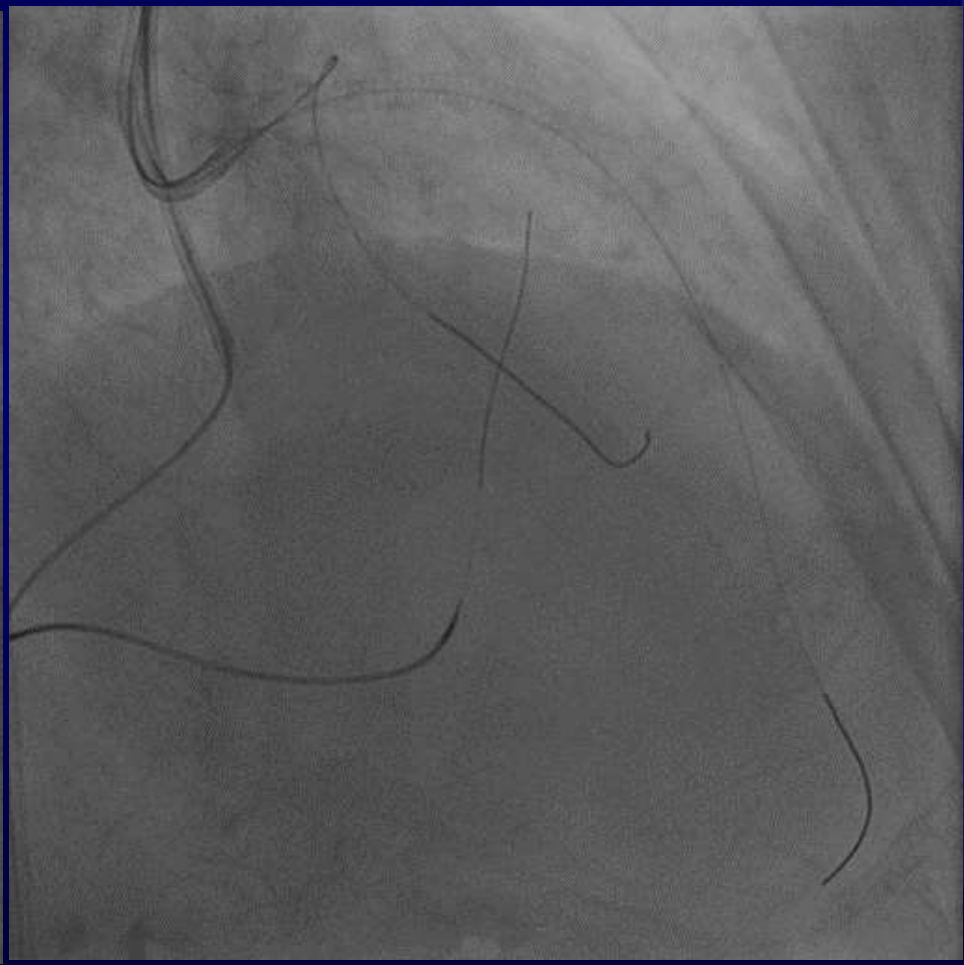
3.0*29 mm SES





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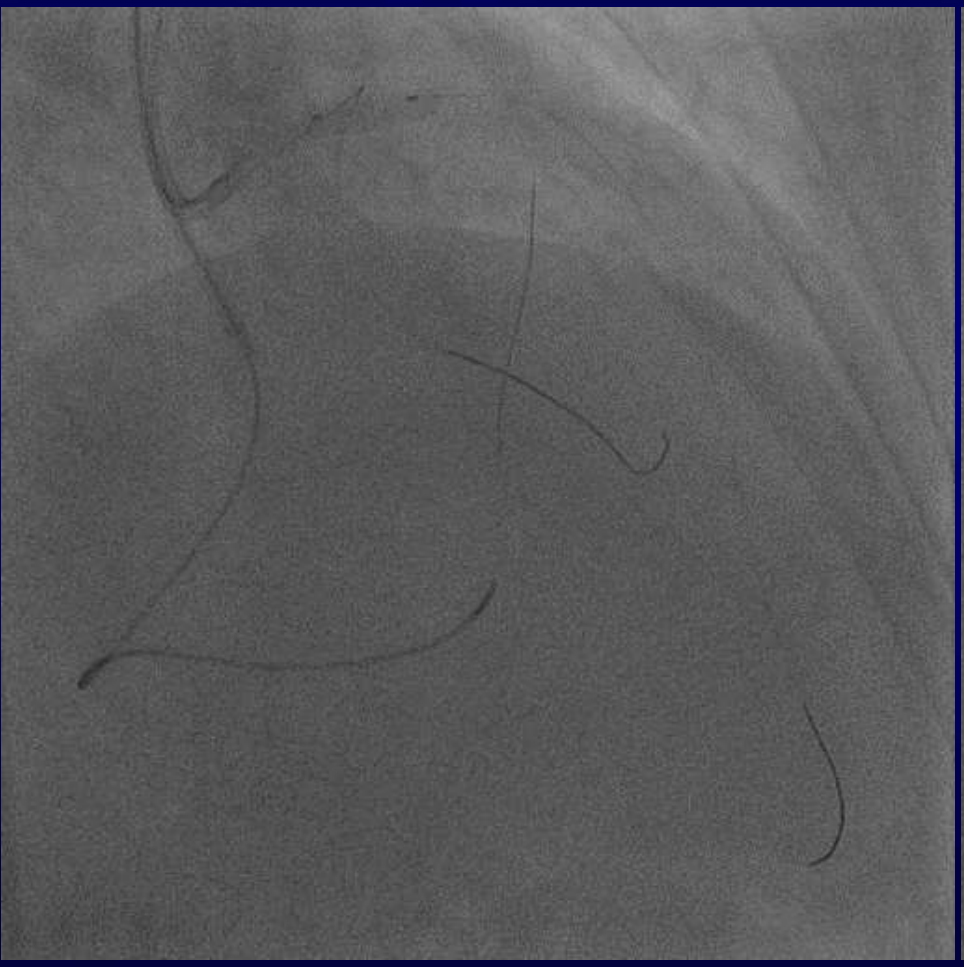
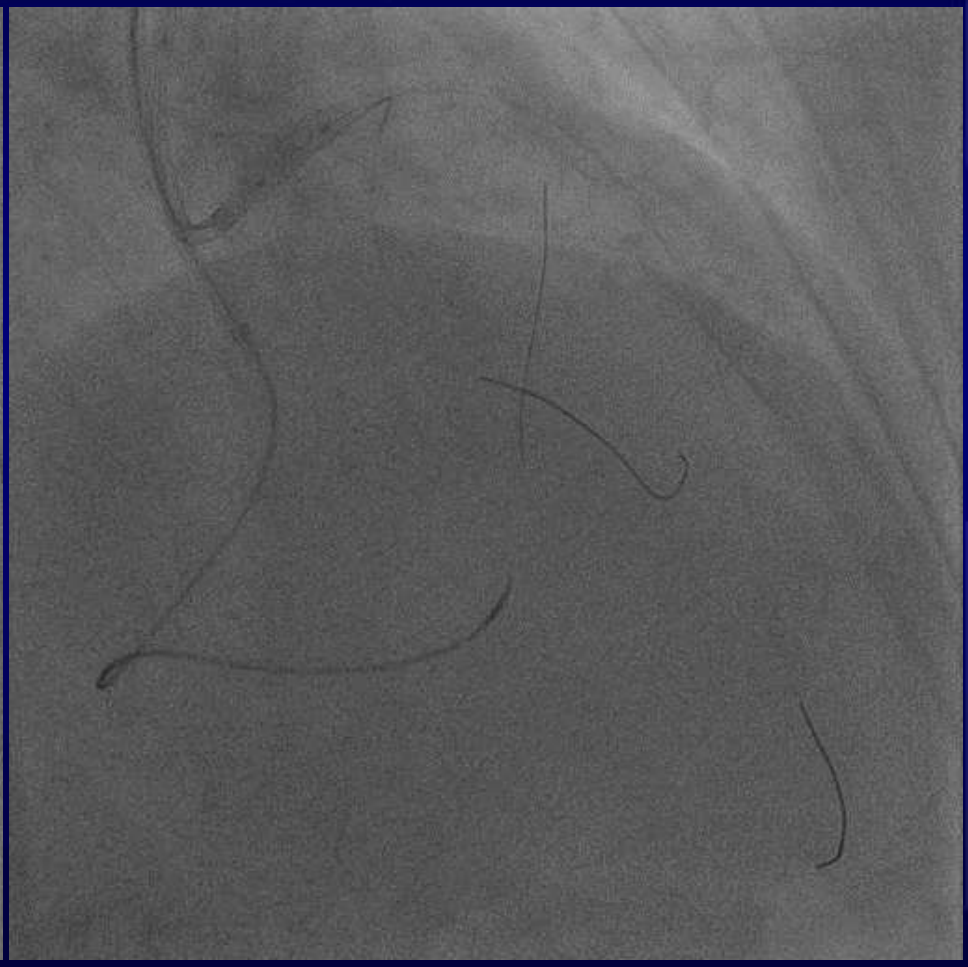
POT with 4.5 mm NCB





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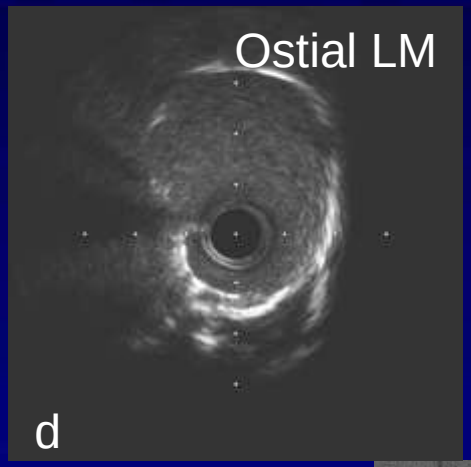

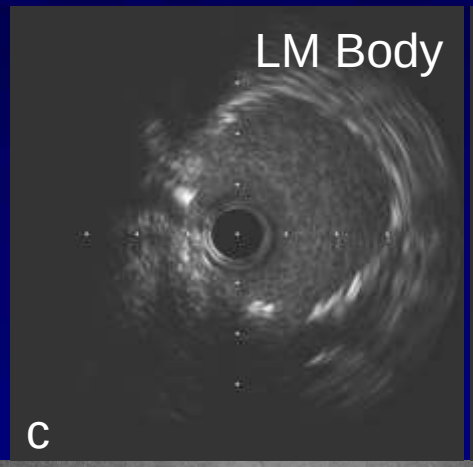

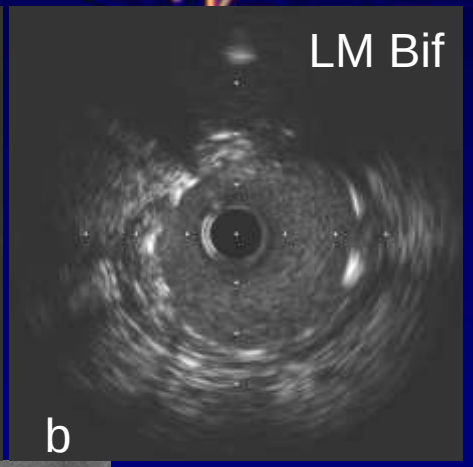

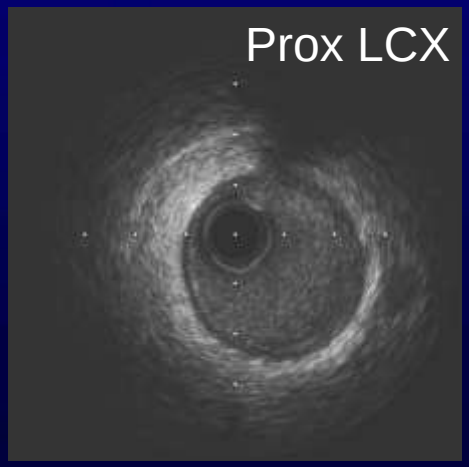

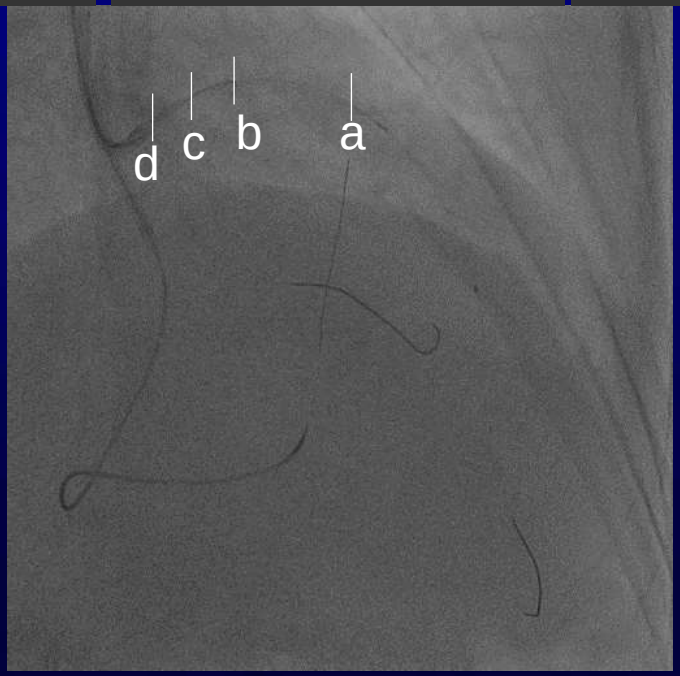

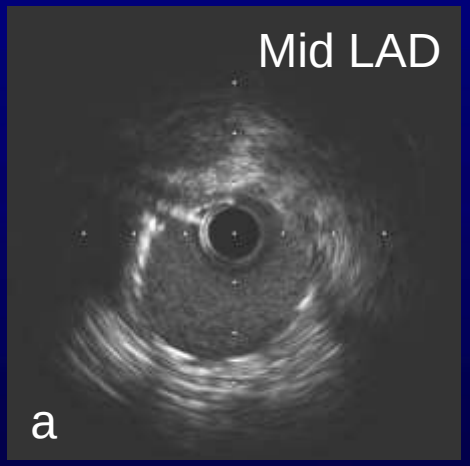

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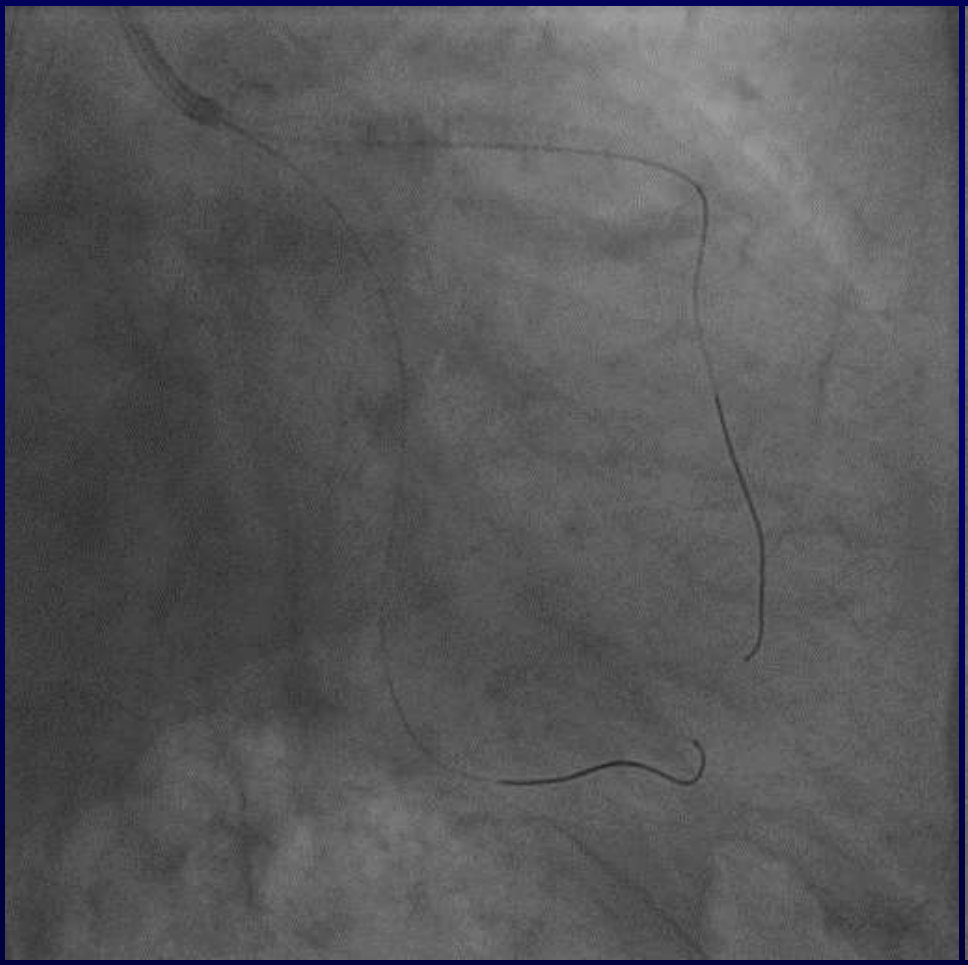
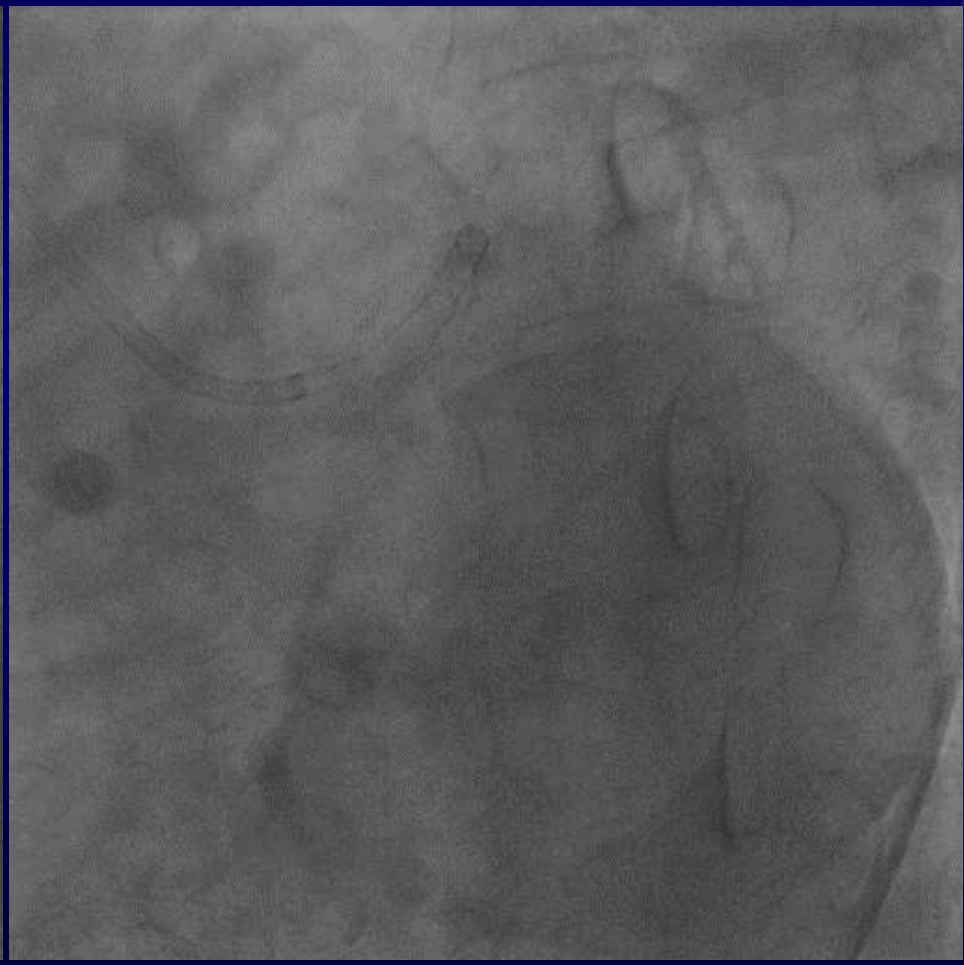
Final Results





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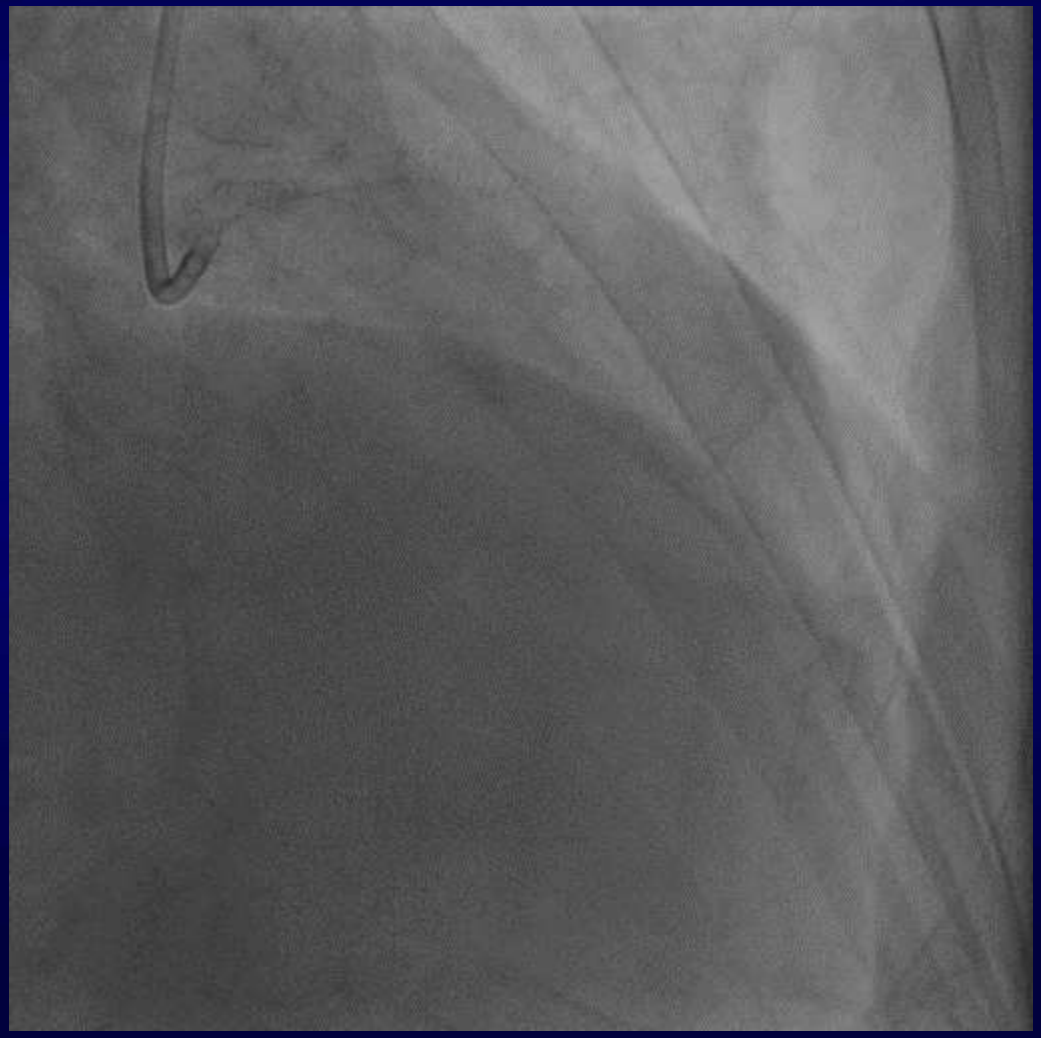
Final Results



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Take home messages

- IVUS plays a pivotal role for optimization of LM PCI outcomes.
- Home made snare with daughter-in-mother catheter is safe and efficacy.