

PCI of LAD & LCX with Image guided Optimization Using Guide Extension catheter,

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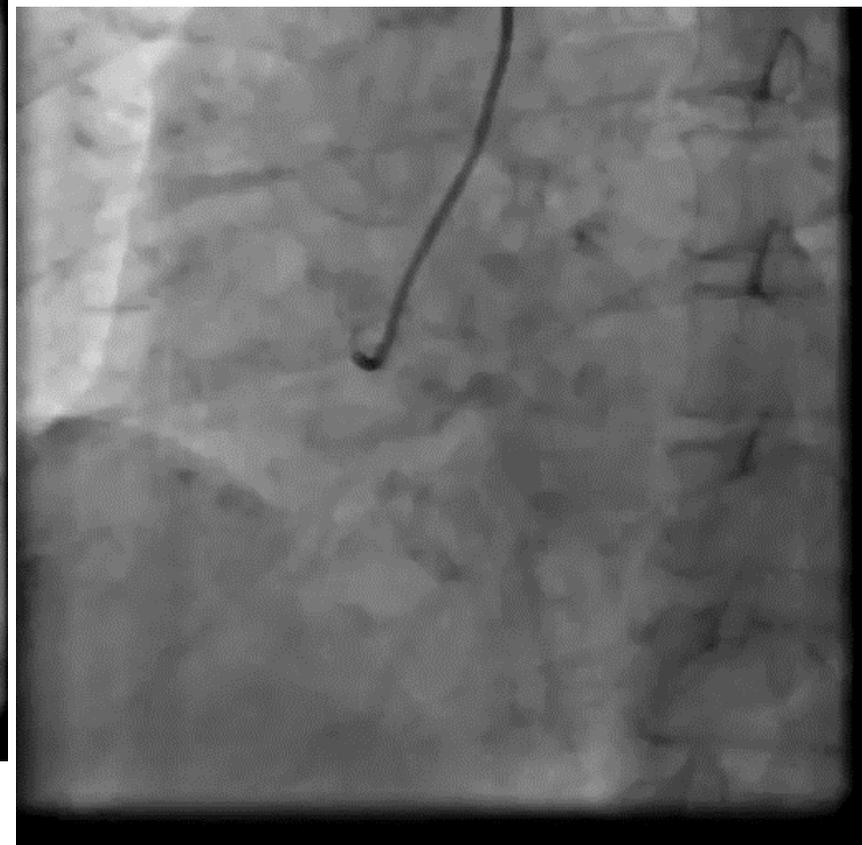
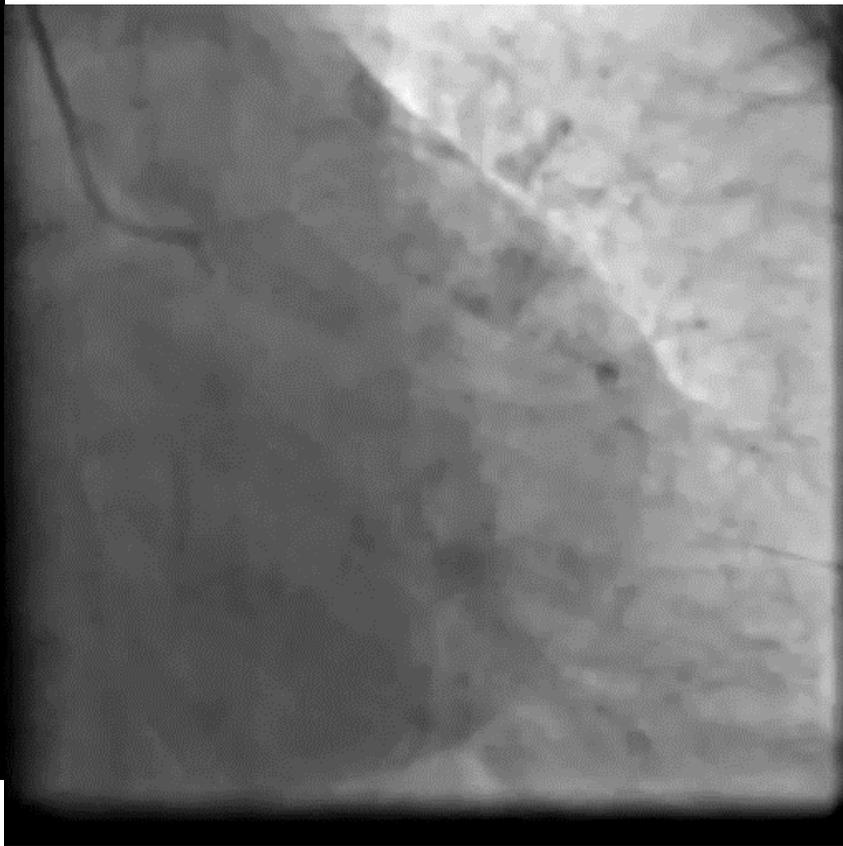
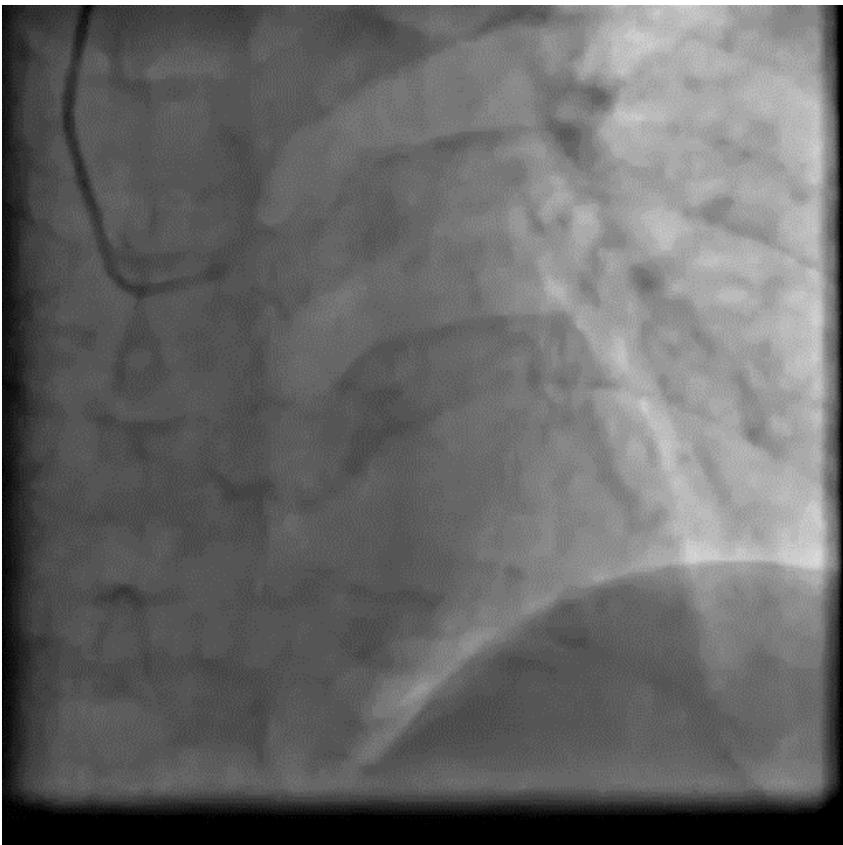
KIMS Sunshine Hospitals, Hyderabad

Telangana, India

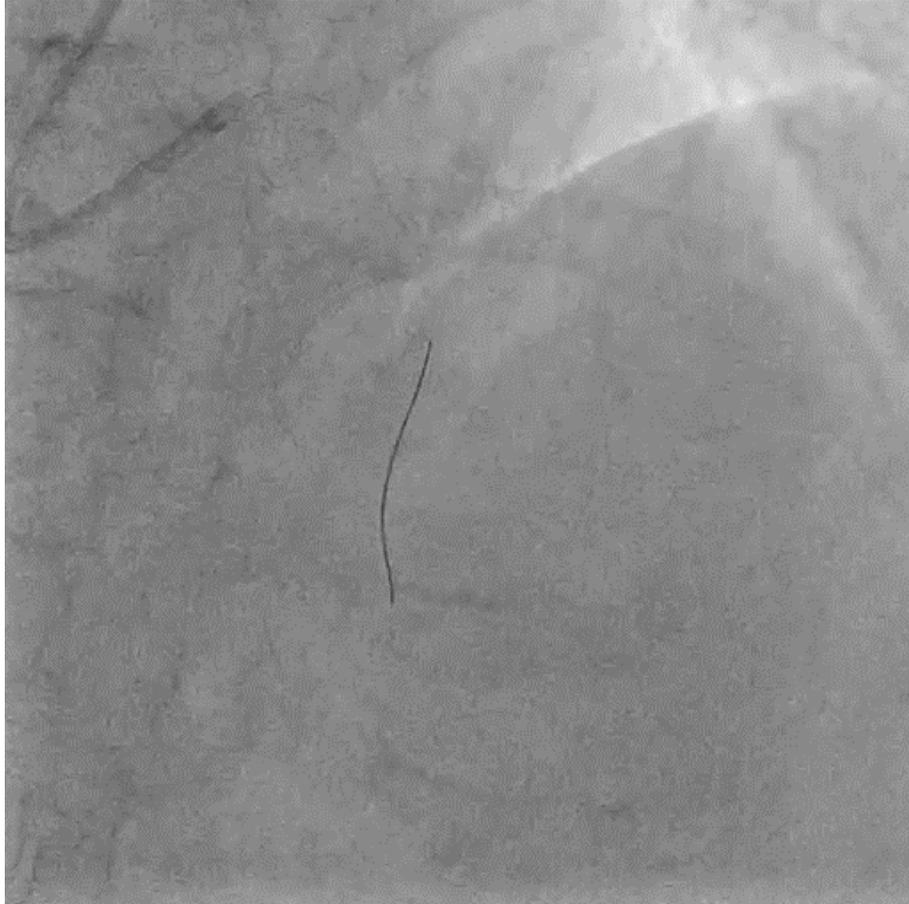
Clinical details

- 76 Y/F, known HFPEF, HTN, presented with USA- chest pain , SOB associated with Orthopnoea, PND and pedal oedema.
- ECG – ST depression in Anterior leads.
- 2D Echo – No RWMA, good LV function, 60%
- Investigations: Hb-10.4 g/dl, Trop I-8.7 ng/l, NTproBNP-848 pg/ml, RBS-232 mg/dl, S Cr-1.29 mg/dl, eGFR-40 ml/min

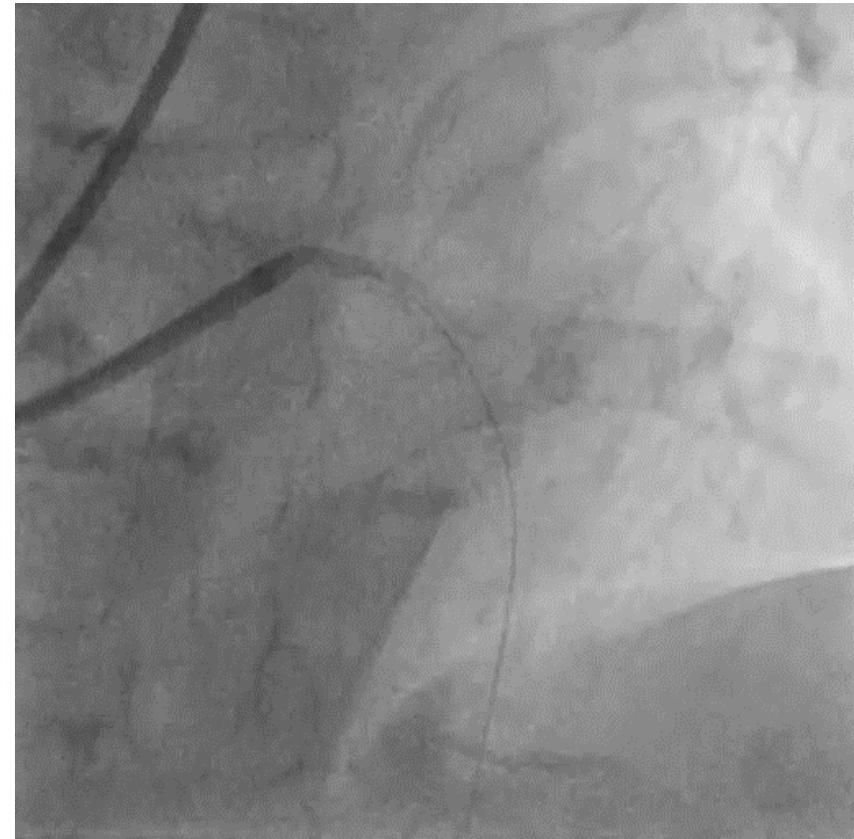
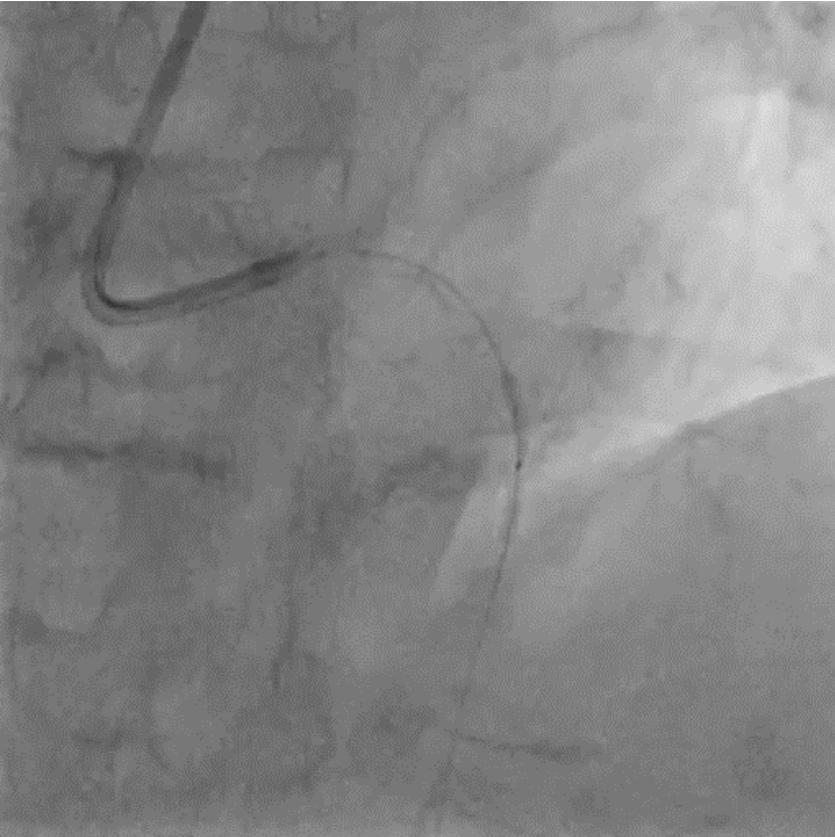
Ostial LAD 60%, proximal-mid LAD 90% stenosis, distal LCX 80% stenosis



LMCA engaged with EBU 3.5 6Fr LAD crossed with BMW wire



Predilated with 1.5x10mm Tazuna balloon



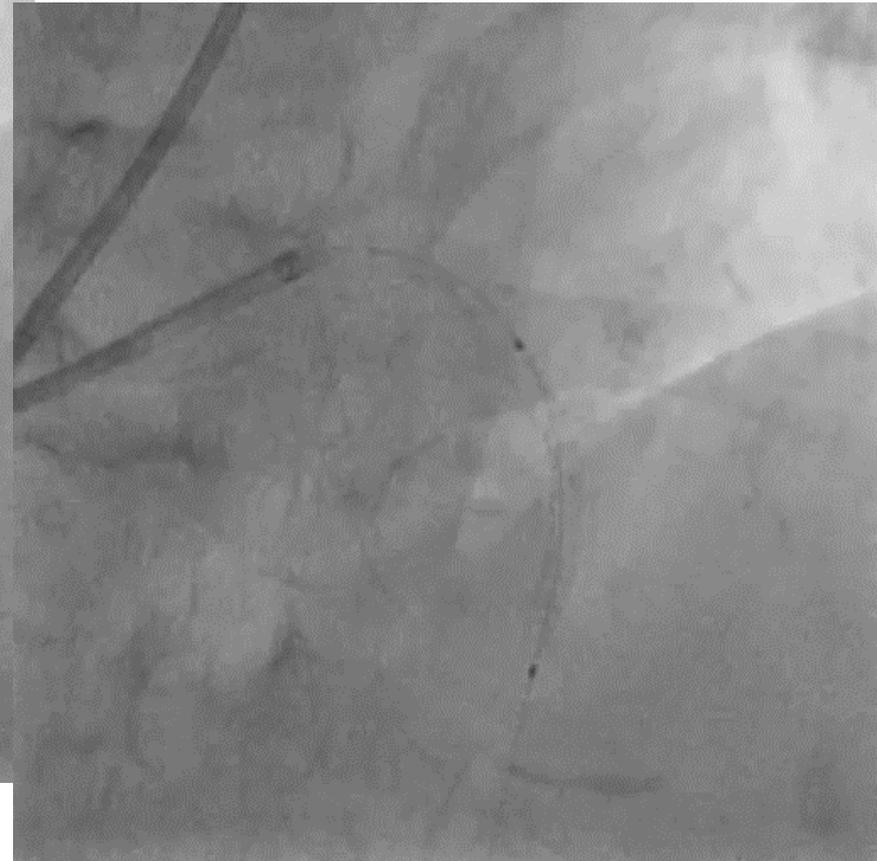
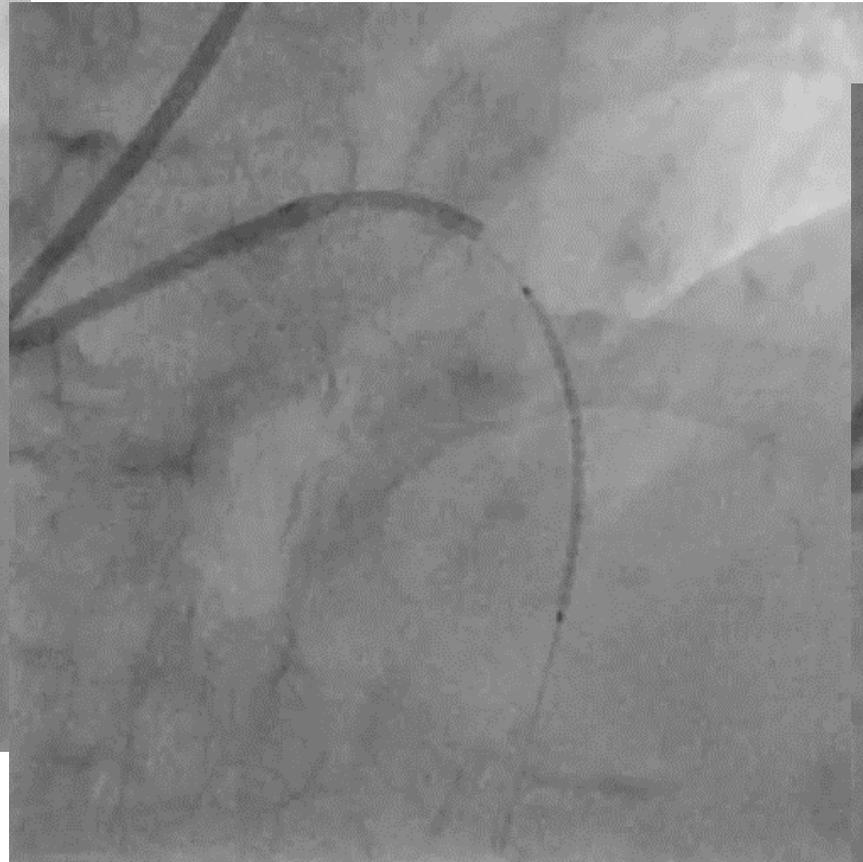
1.5x15mm balloon placed in mid LAD with Guide-Plus II support

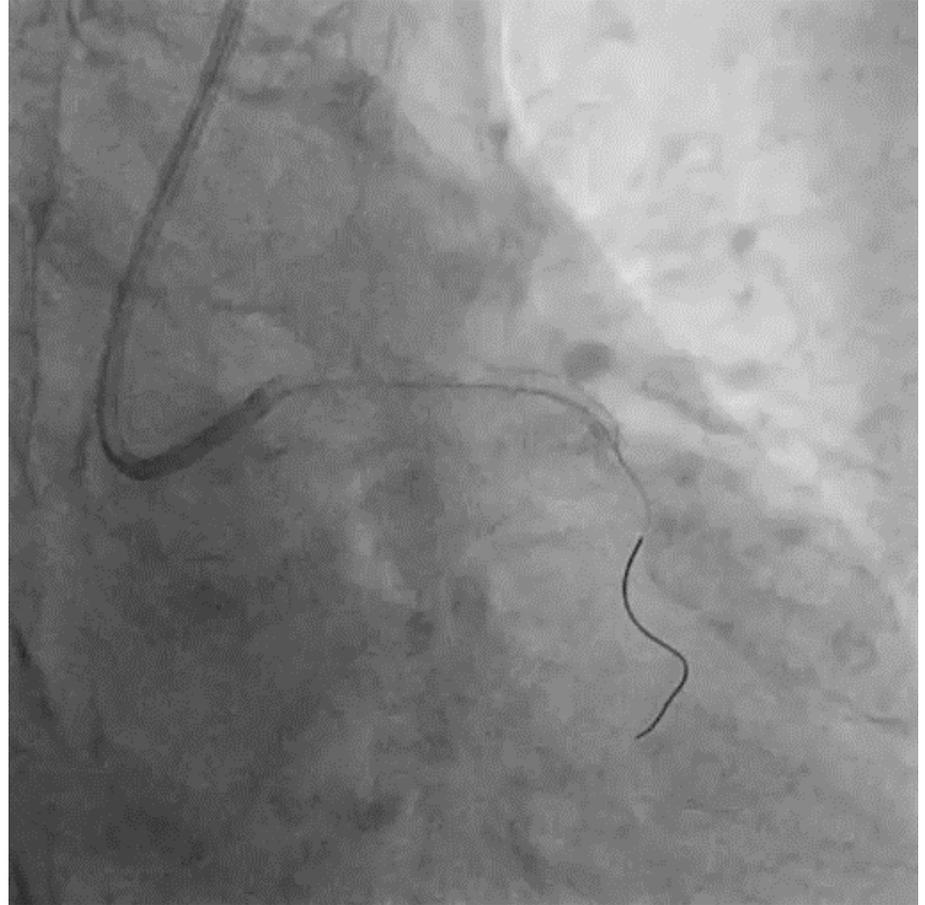
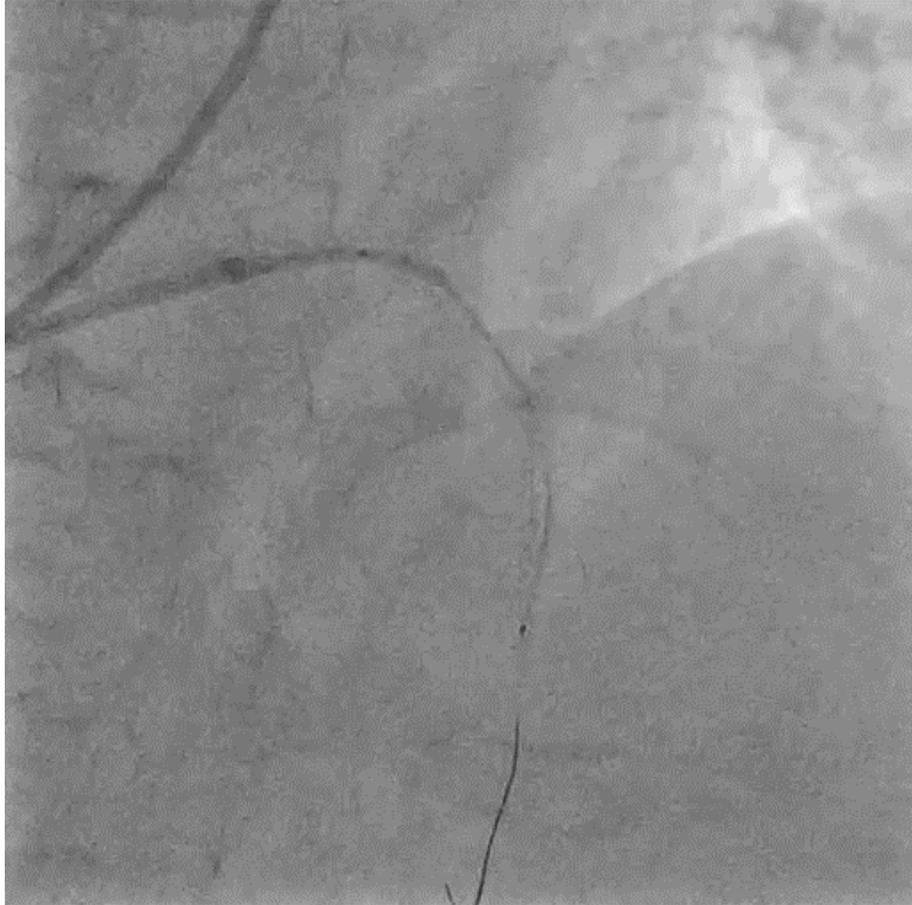


Predilated with 1.5x15mm balloon



3x28mm Everoshine stent has deployed with
GuidePlus II support





LCX-OM2 lesion crossed with run-through wire



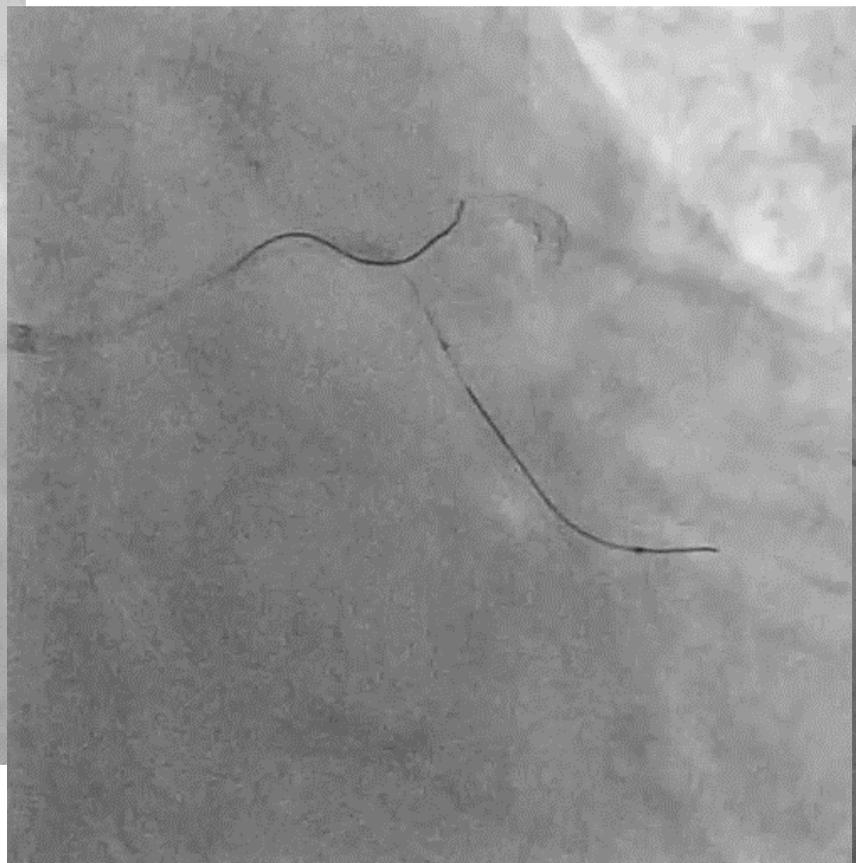
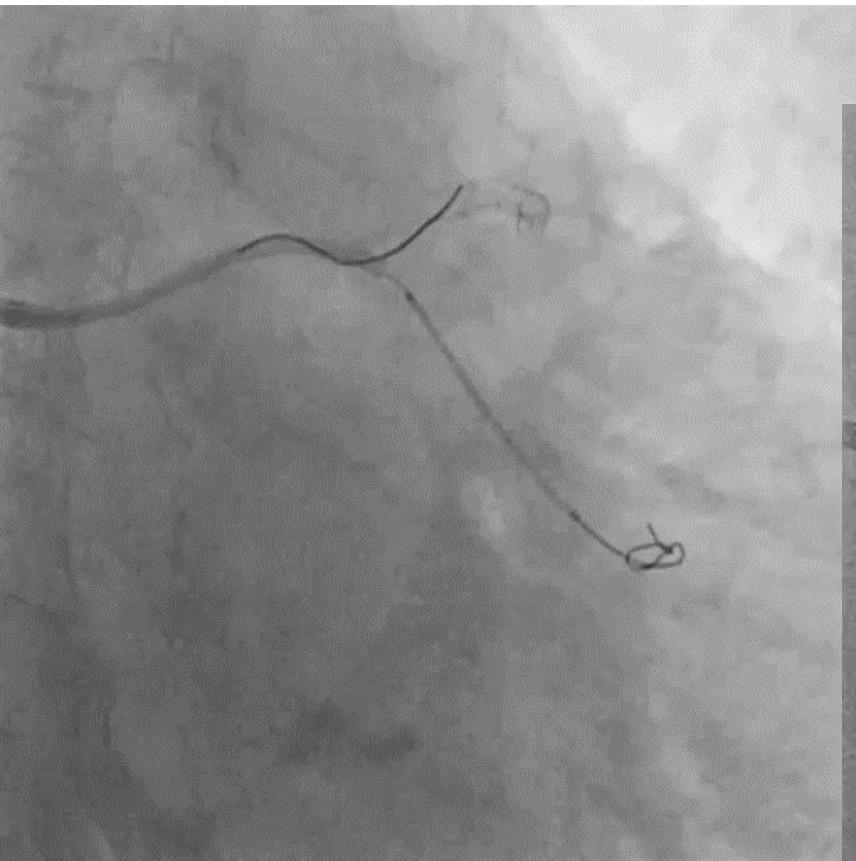
Predilated with 1.5x0mm balloon with
GuidePlus II support



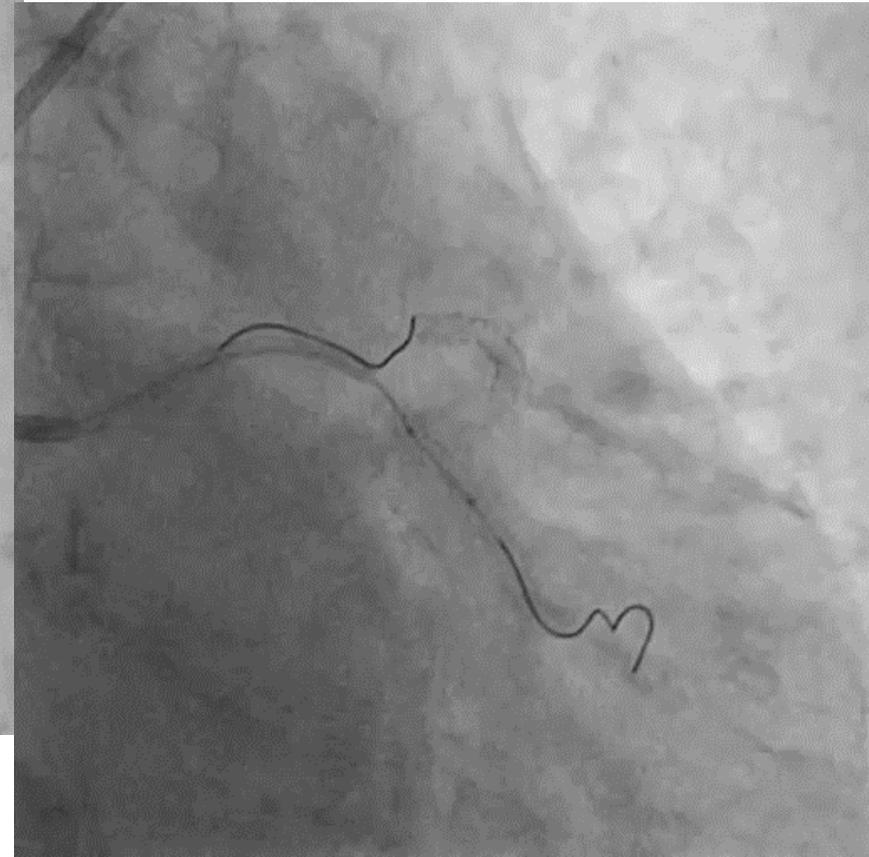
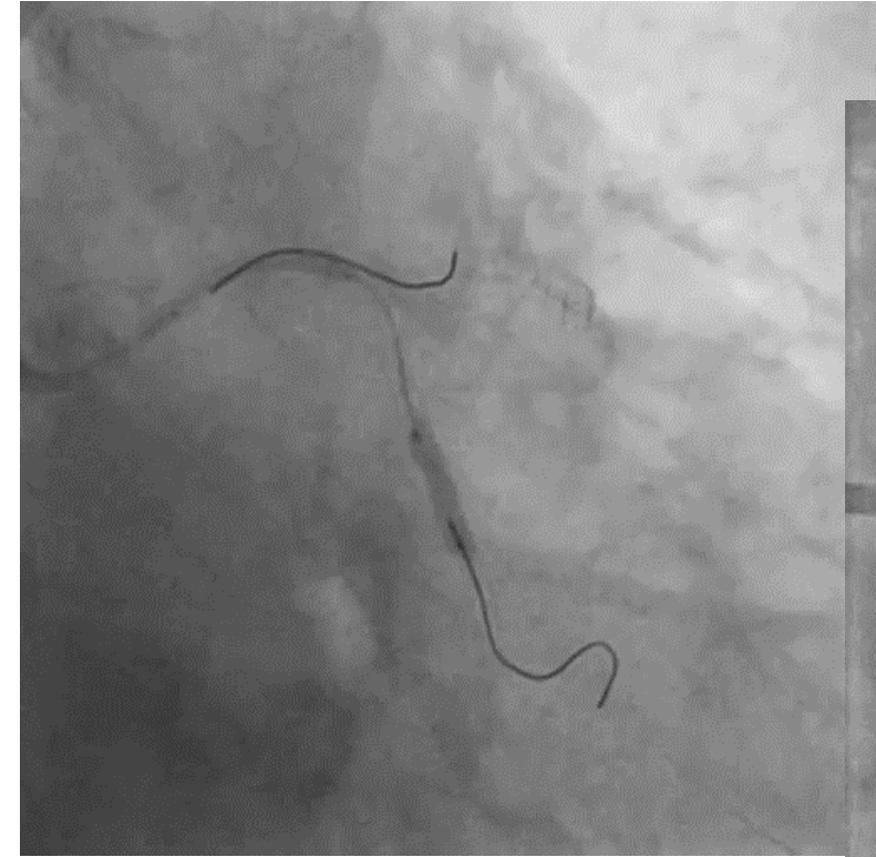
2.5x28mm Everoshine stent placed in OM2



2.5x28mm Everoshine stent deployed in OM2



Postdilated with 2.75x14m NC upto 16atm



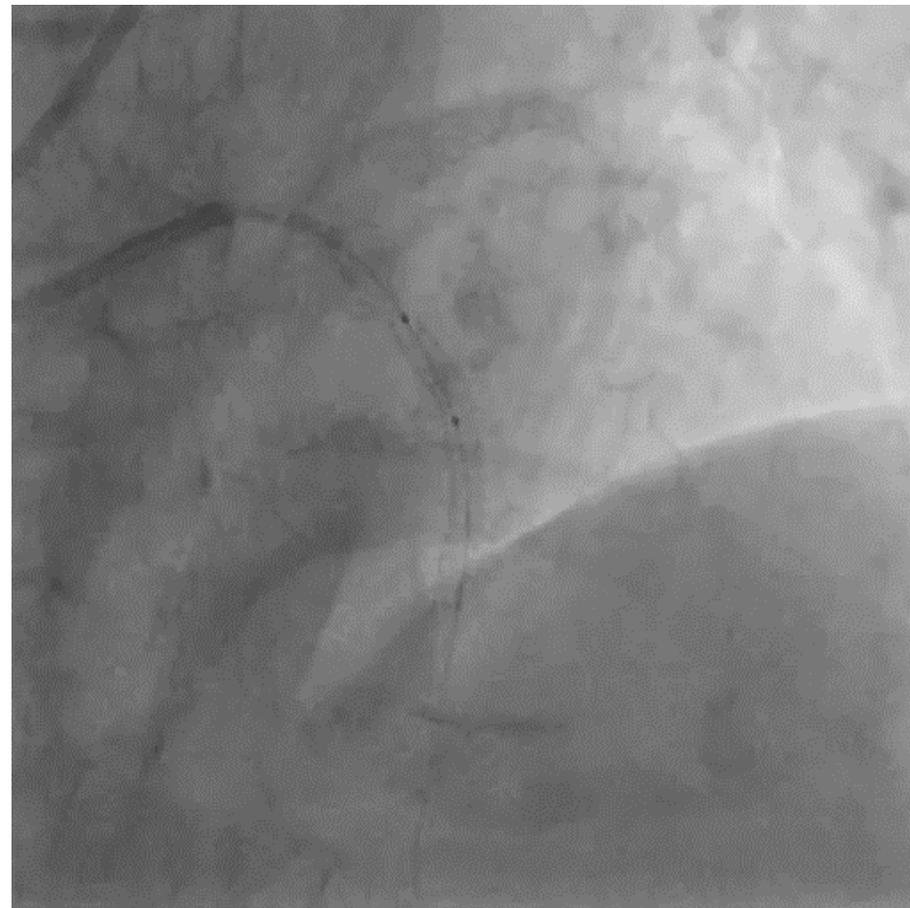
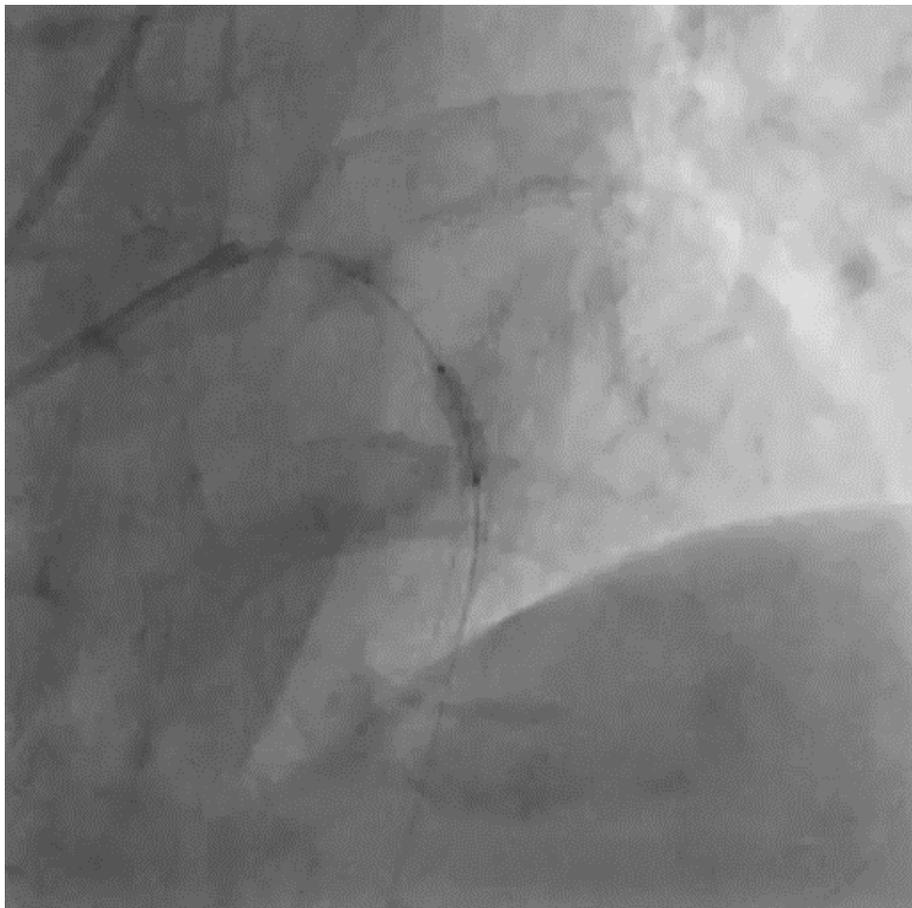
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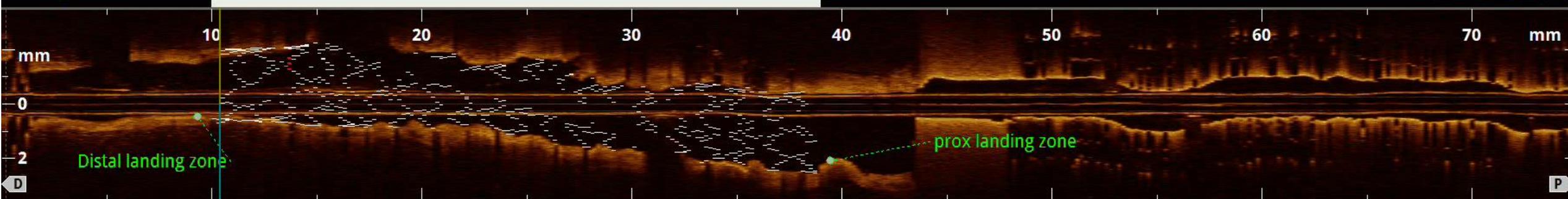
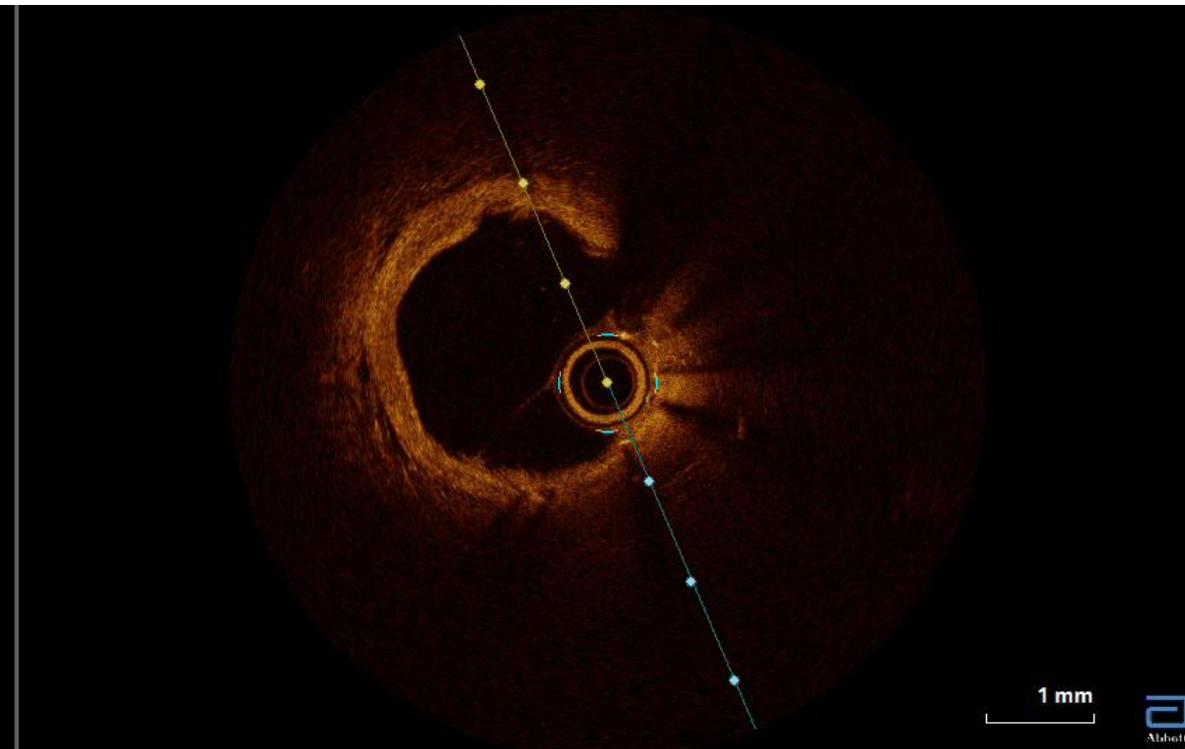
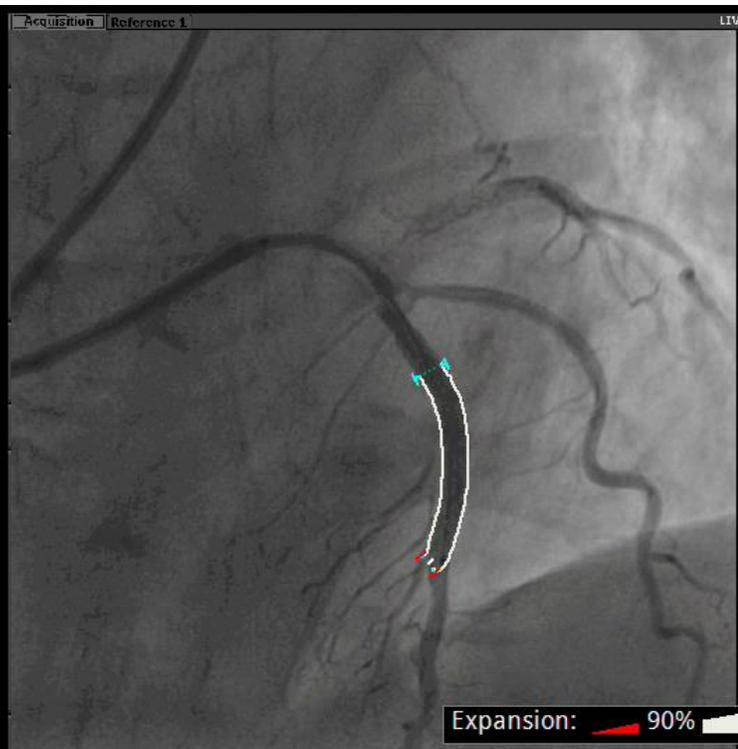


3.5x14mm NC balloon placed in LAD stent with GuidePlus II support



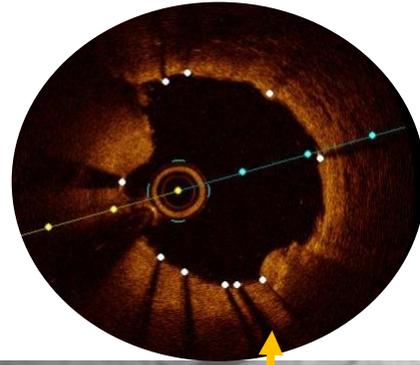
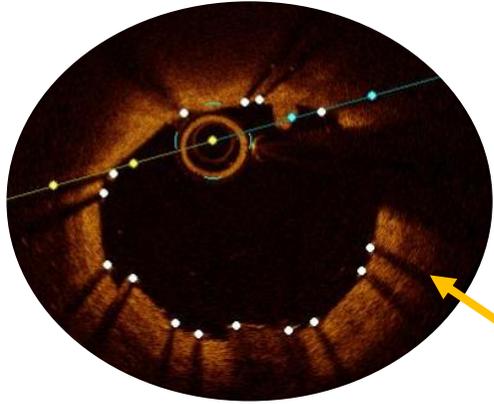
Postdilated with 3.5x14m NC



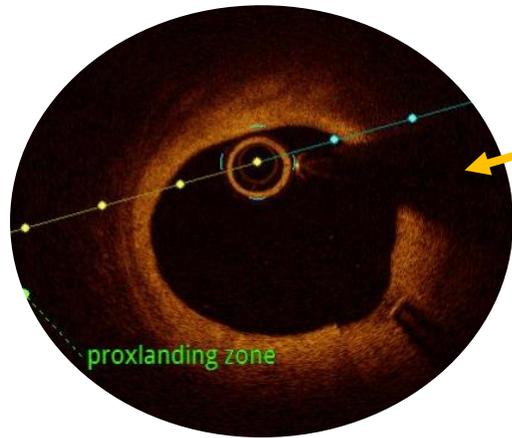
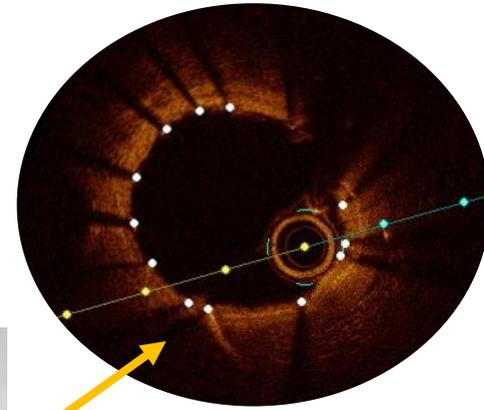


MSA 6.95mm²

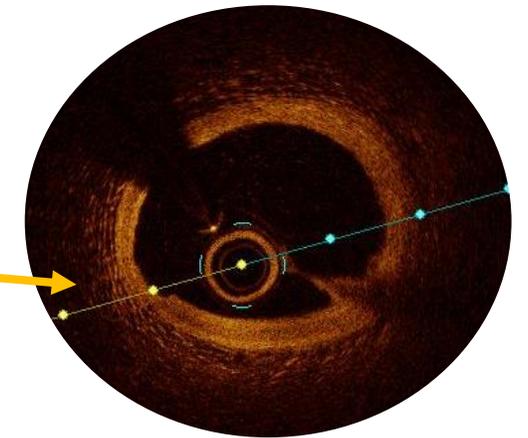
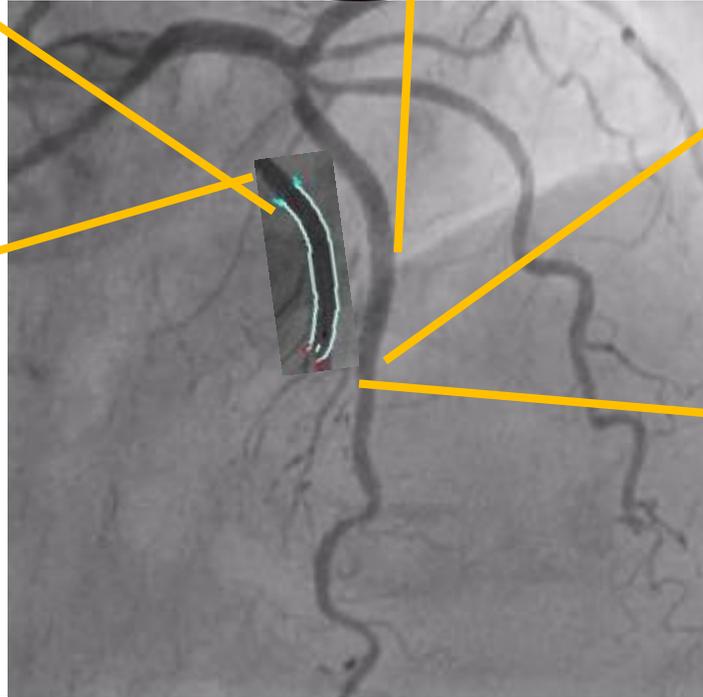
Proximal Edge
MSA 7.6mm²
>100% Expansion



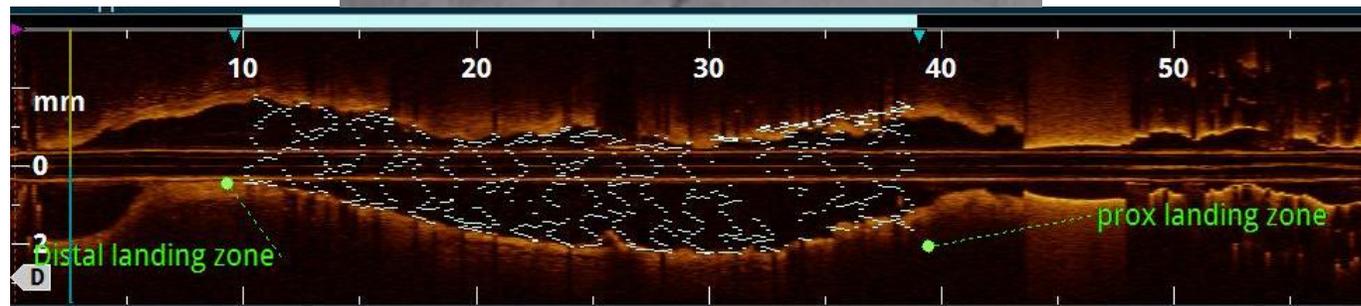
Distal Edge
MSA 5mm²
>100% Expansion



Proximal Landing zone
MLA 6.37mm²



Distal Landing zone
MLA 4.5mm²



Final Result

