



CSI NIC

MID TERM MEET

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Complication During Left Anterior Descending Artery Intervention and its Management in a Peripheral Mobile CathLab

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CASE



47 year old male

Farmer by profession

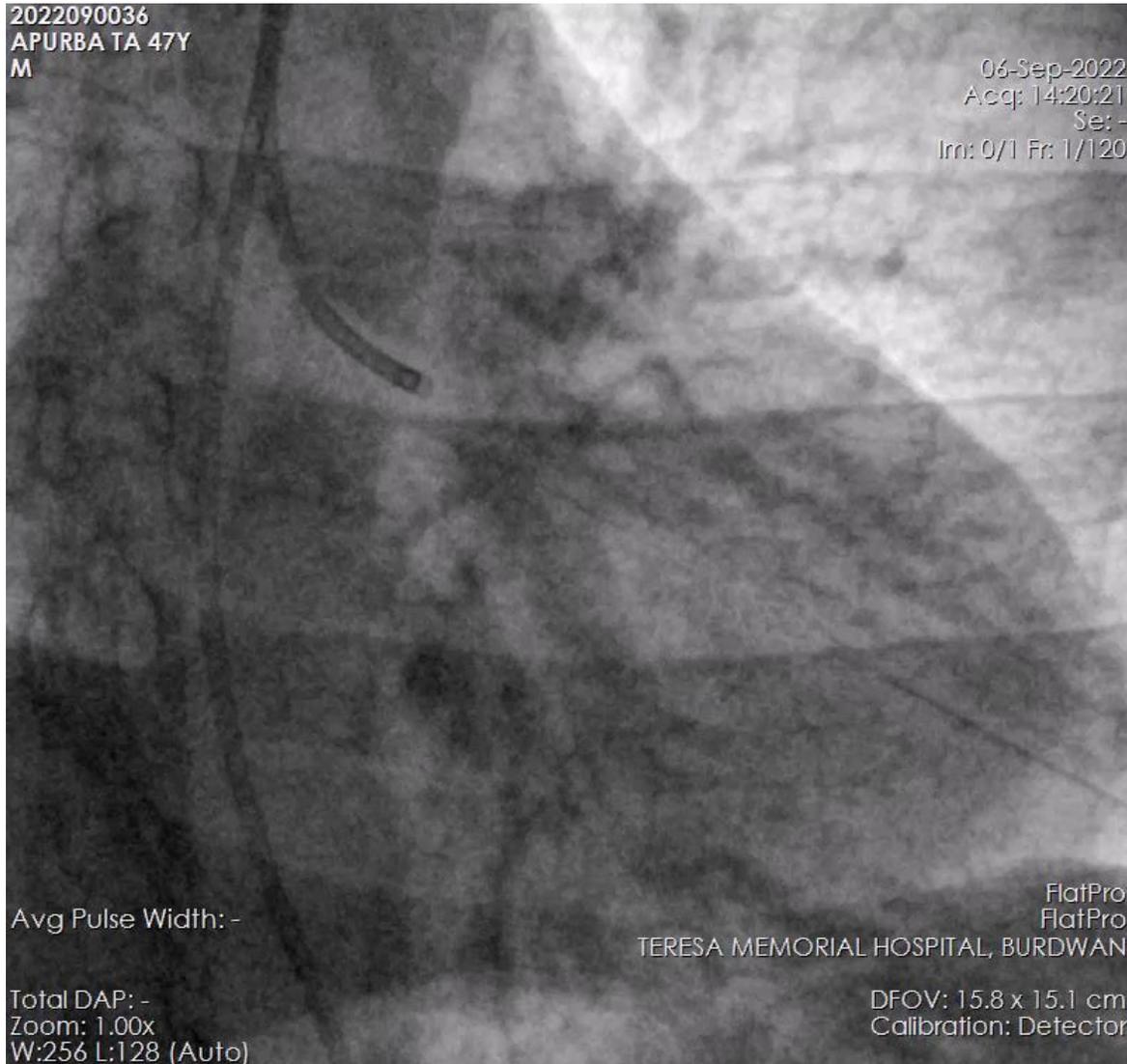
Chest pain

History of recent Anterior wall MI



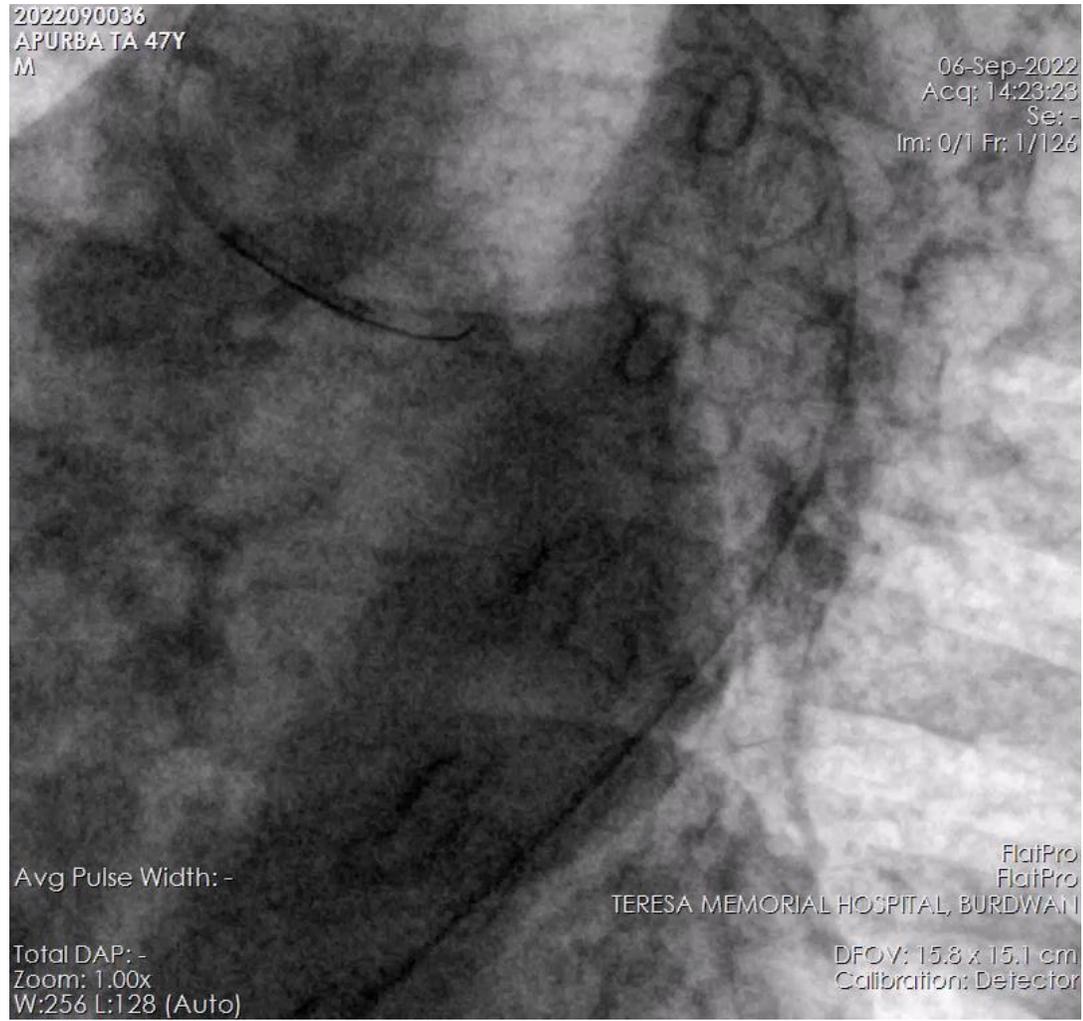
Clinical Parameters

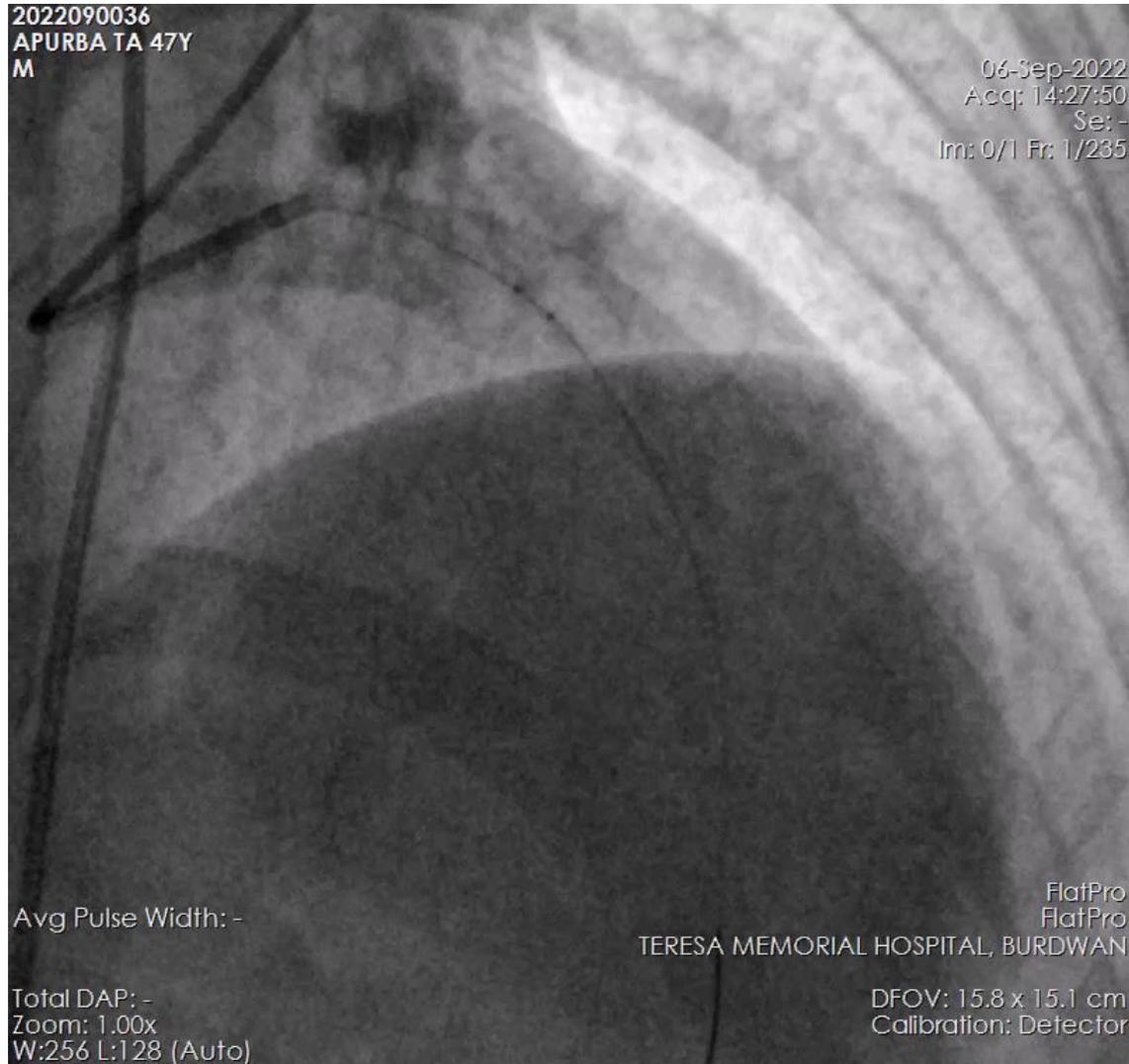
- Alert, conscious, cooperative
- P: 70/min
- BP: 100/70
- CBC: N
- Creatinine: 0.8
- ECG: QS in V1 to V5
- ECHO: RWMA anterior wall with LVEF 45%



- Coronary Angiogram with 6F EBU guide revealed long segment diffuse stenosis in proximal LAD and long segment diffuse stenosis with tortuosity in proximal LCX.
- Plan for LAD angioplasty was taken.

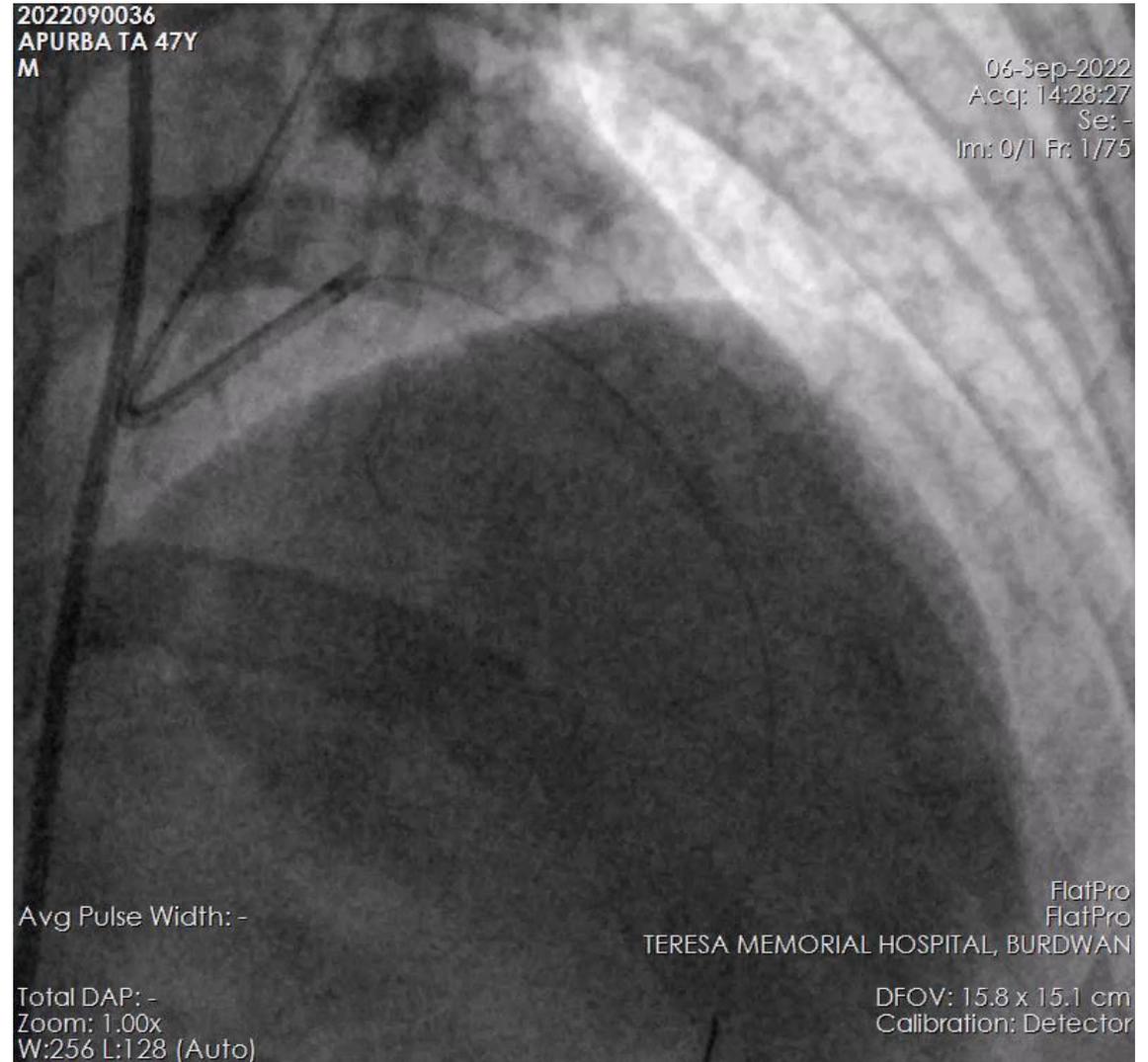
- Coronary wiring done with cougar XT floppy wire

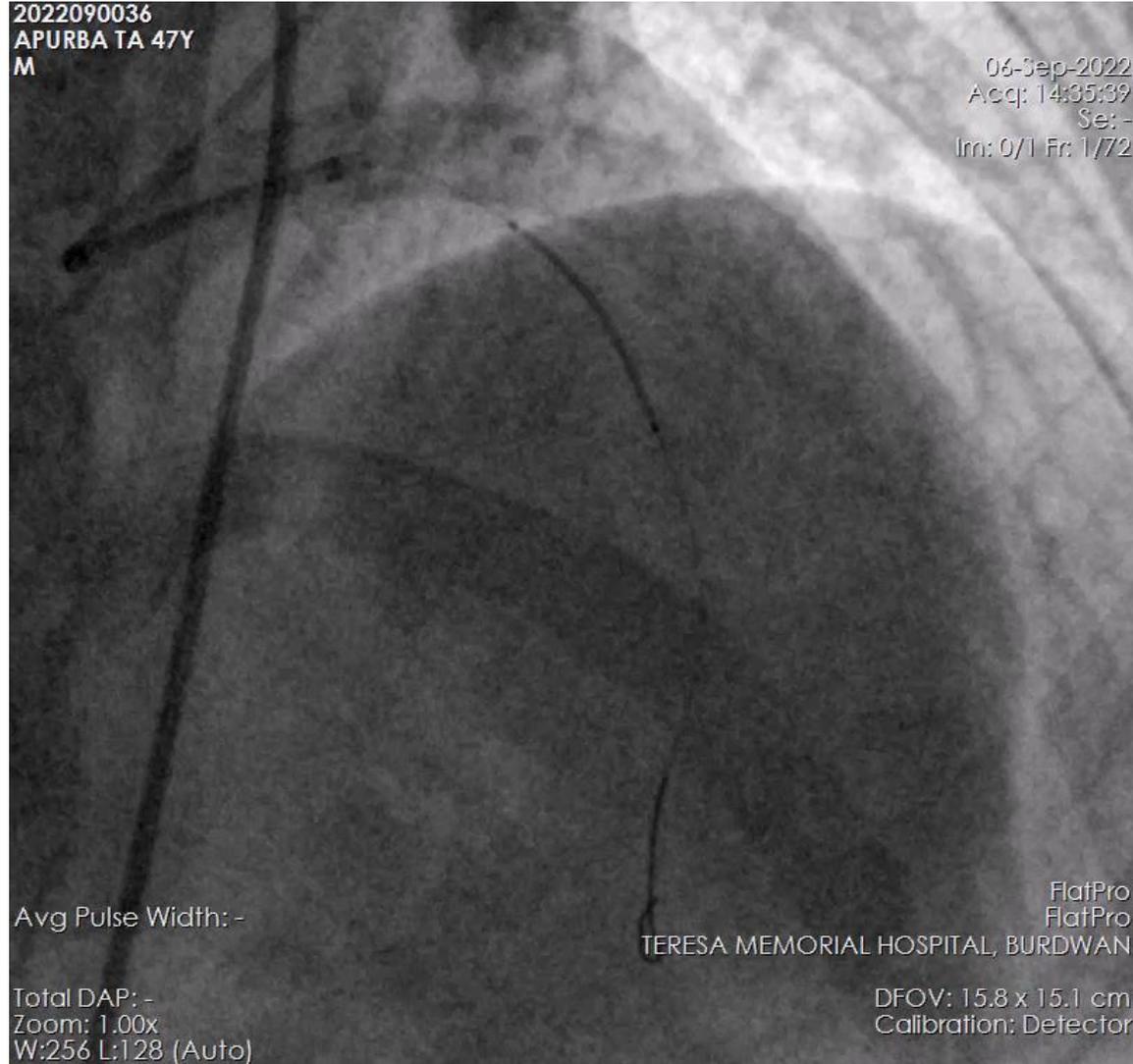




- 2*8mm SC balloon dilatation done in proximal LAD disease segment.

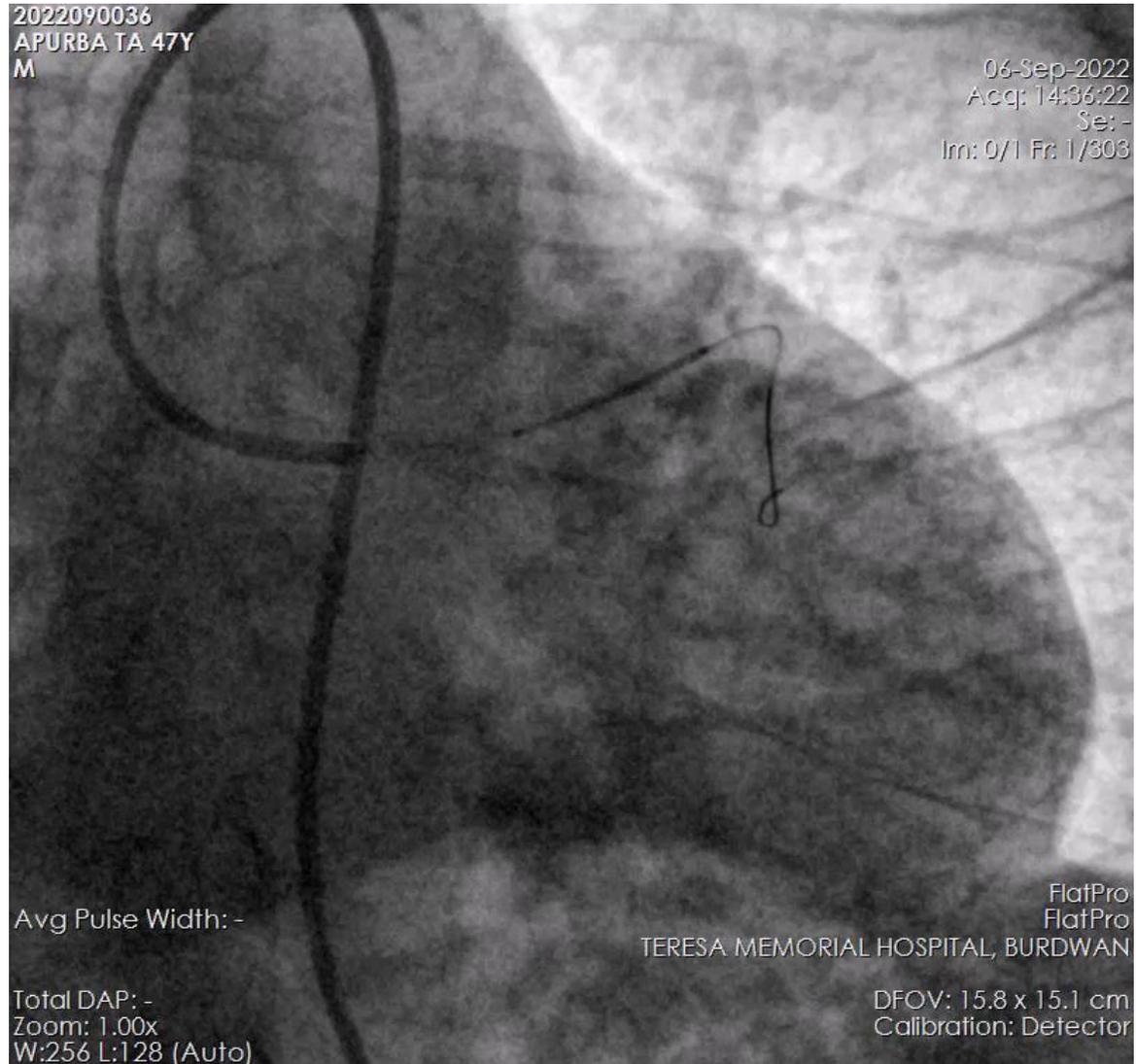
- Result after initial balloon dilatation





- 2.75*32 mm DES Trackmaster positioned from ostial LAD.
- At this time, patient developed severe chest pain and hemodynamic compromise started to set in.

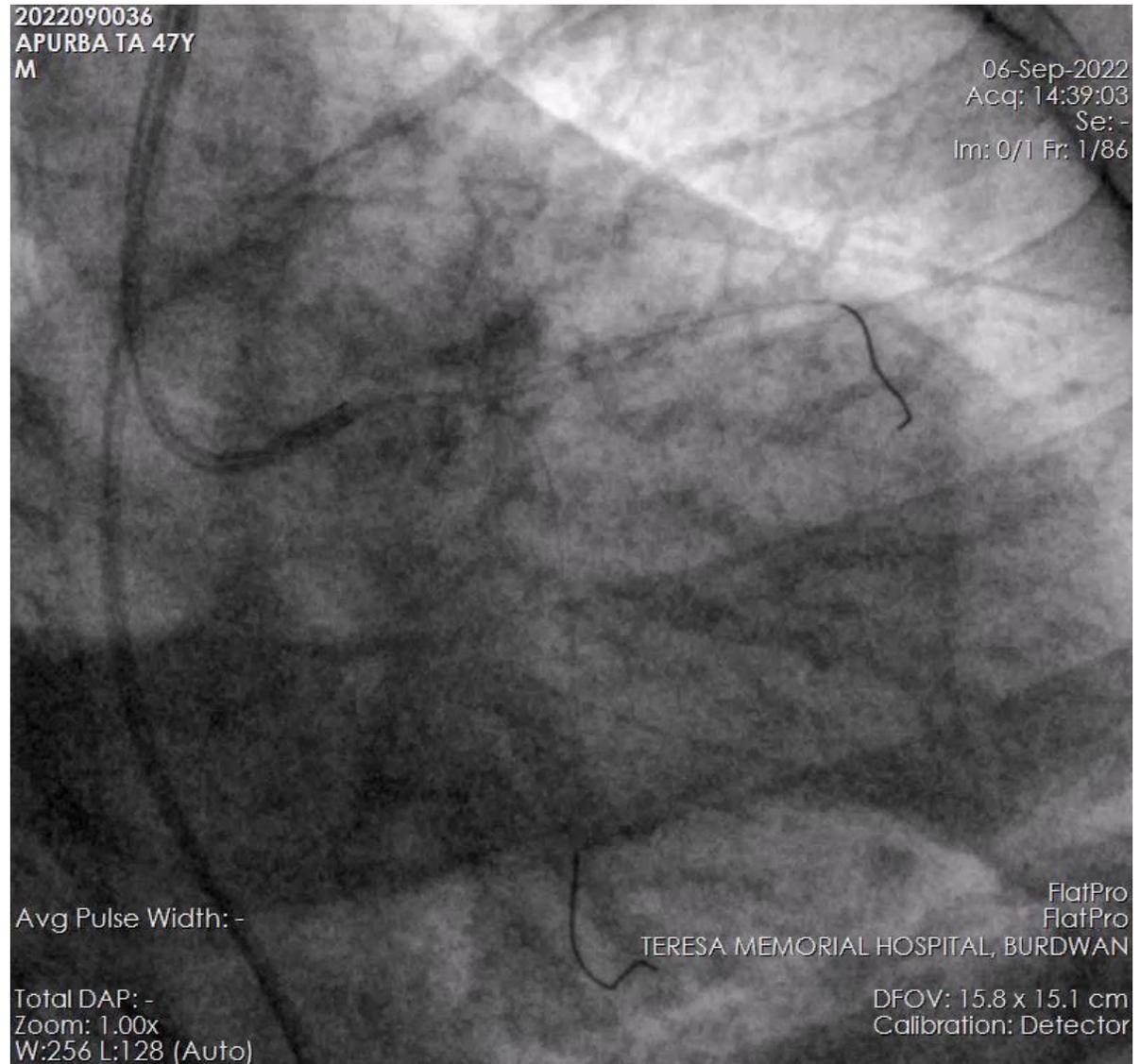
- In the anticipation of a thrombus formation leading to totally occluded LCX, we decided to protect the LAD quickly with the stent deployment.

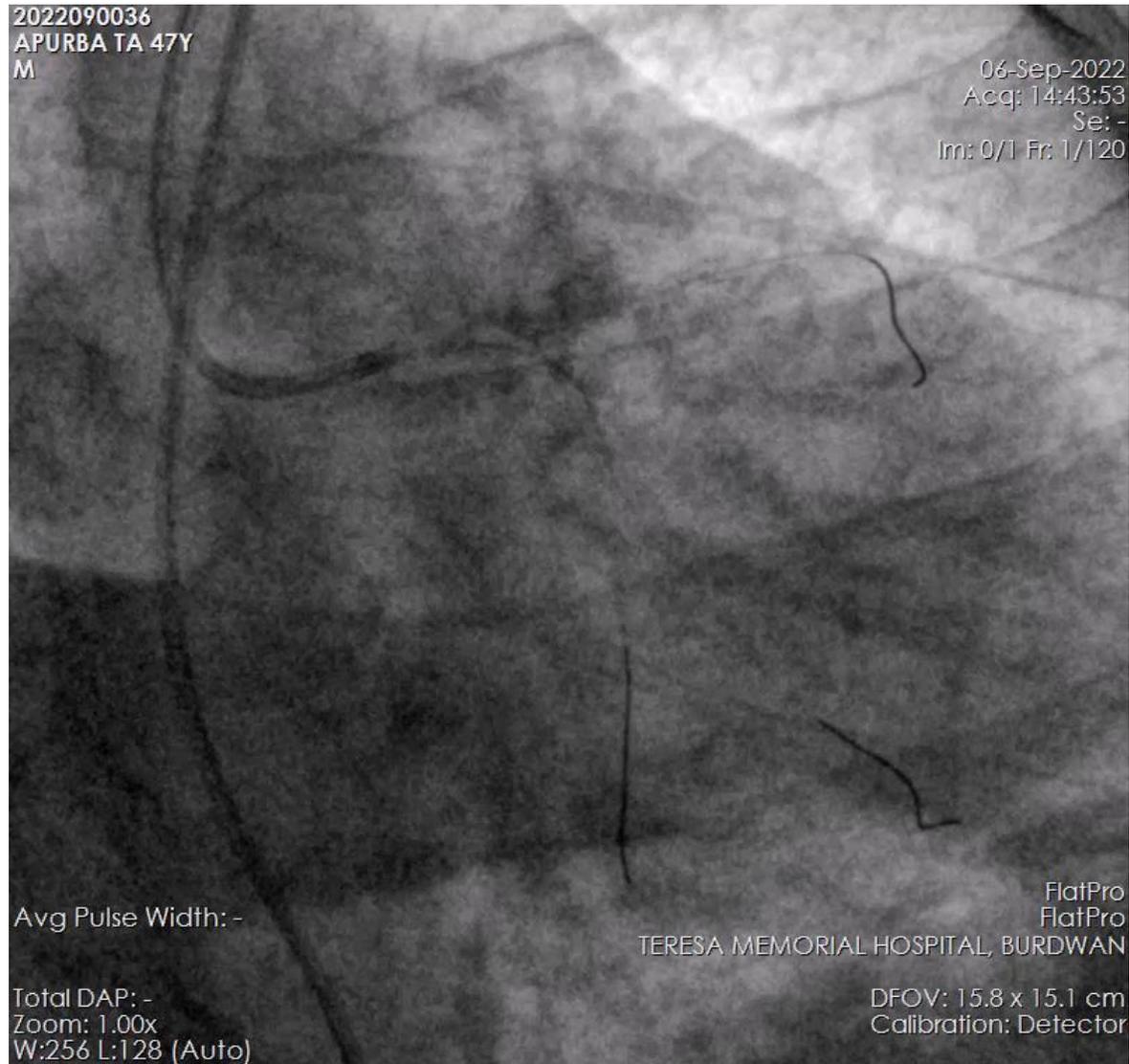




- Result after LAD stent deployment. Patient is being resuscitated simultaneously

- LCX wired, TIMI II flow in main LCX but OM not recovered.

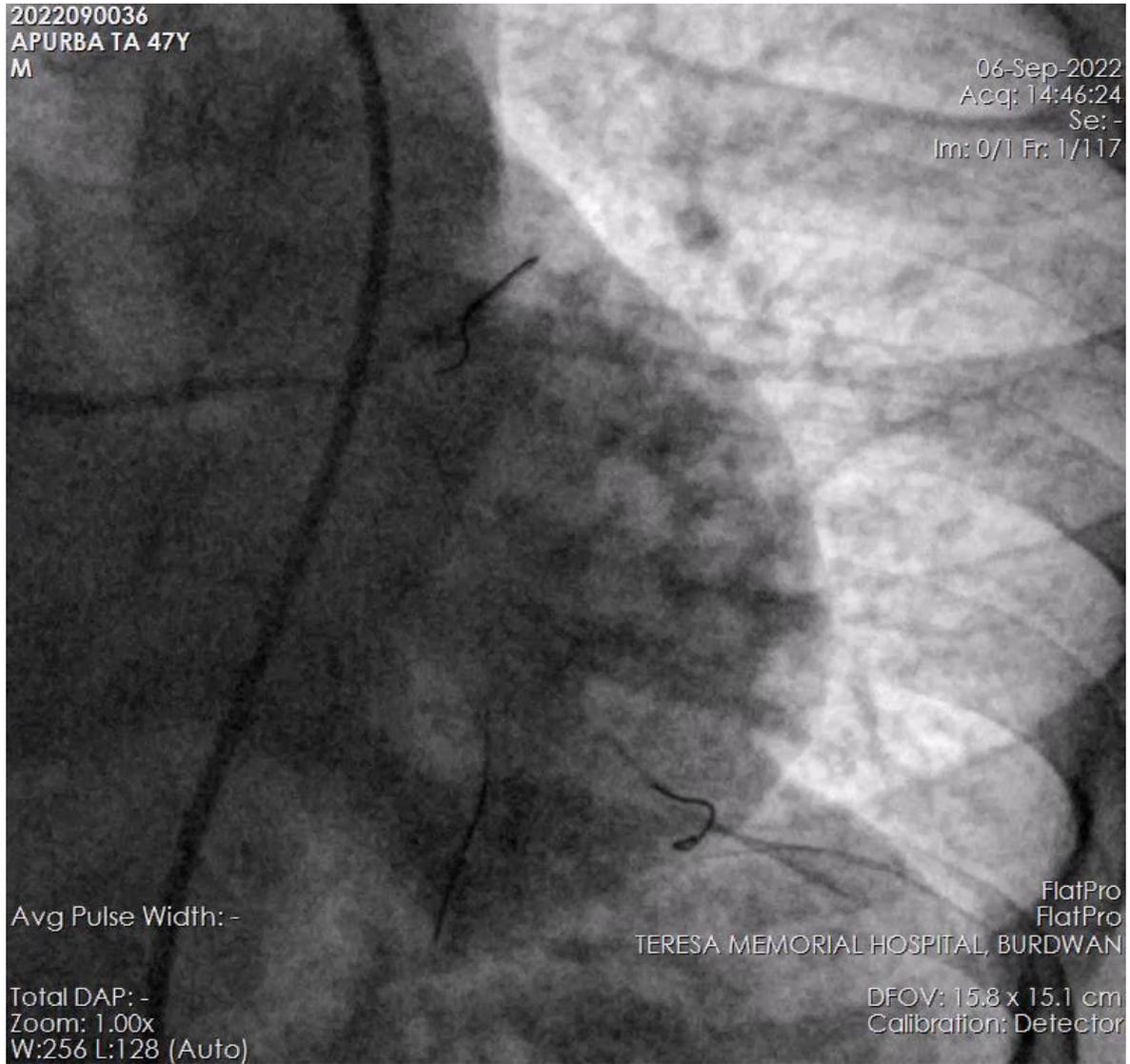




- OM also wired,

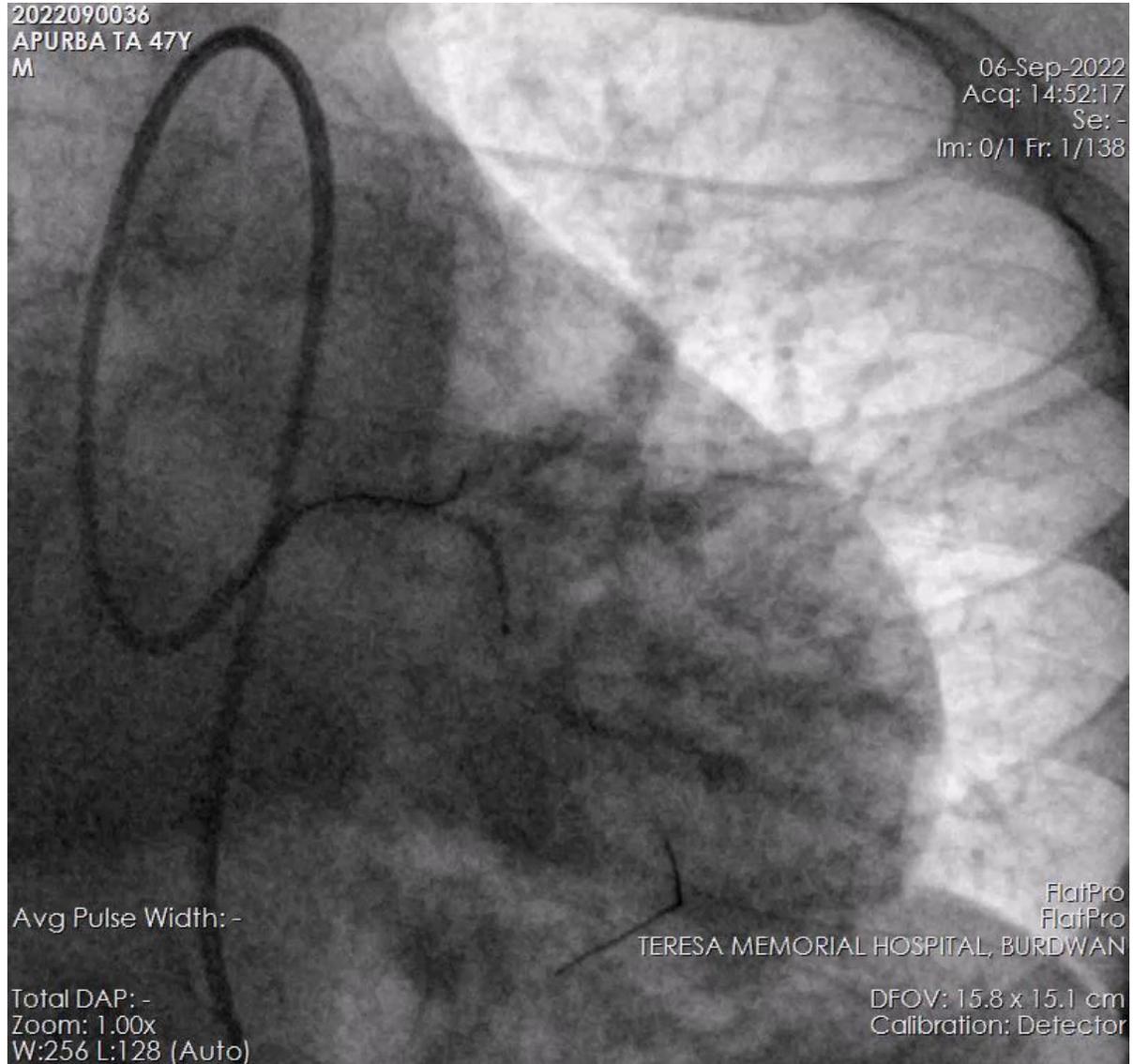
- Proximal LCX looked dissection or thrombus



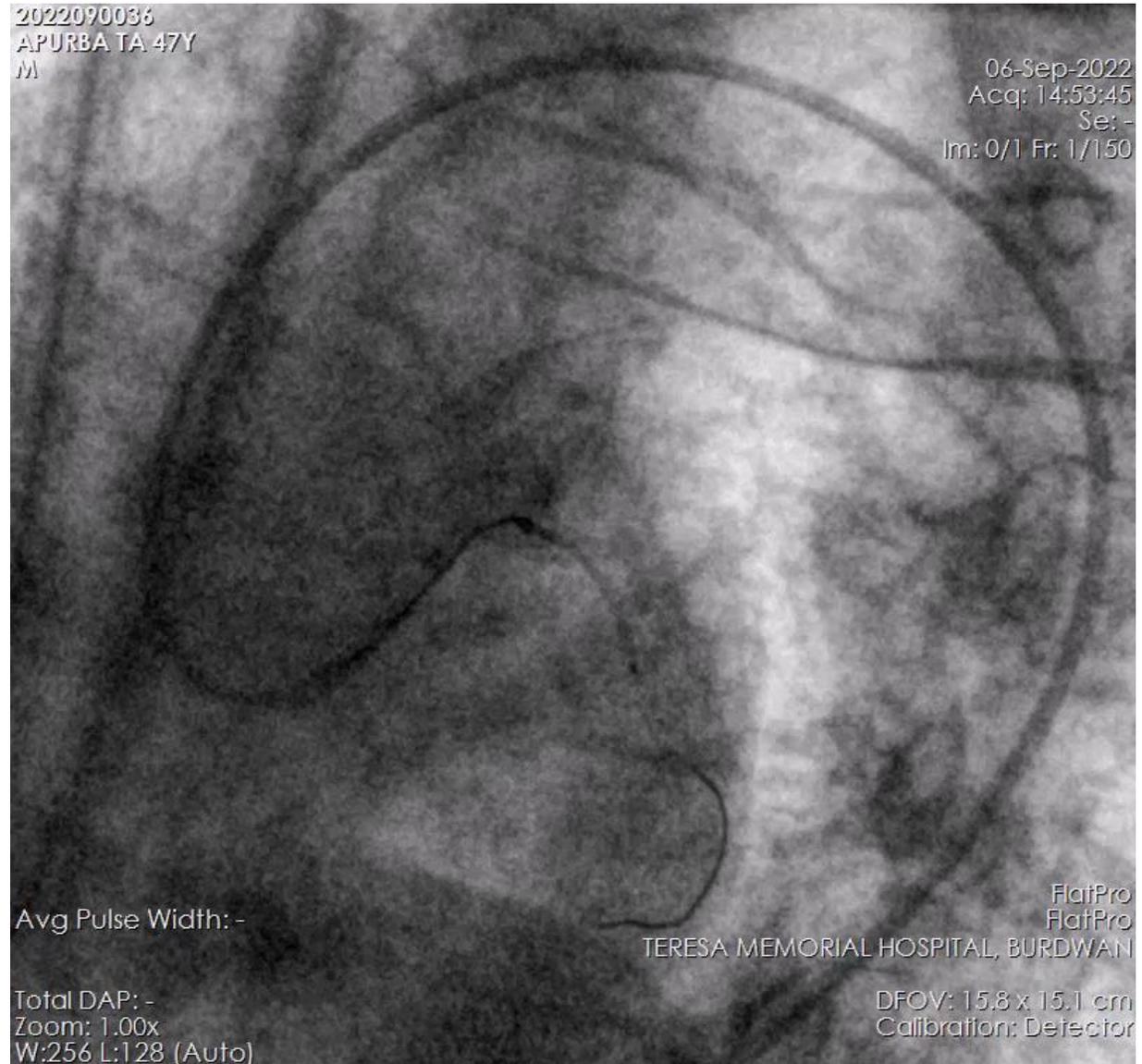


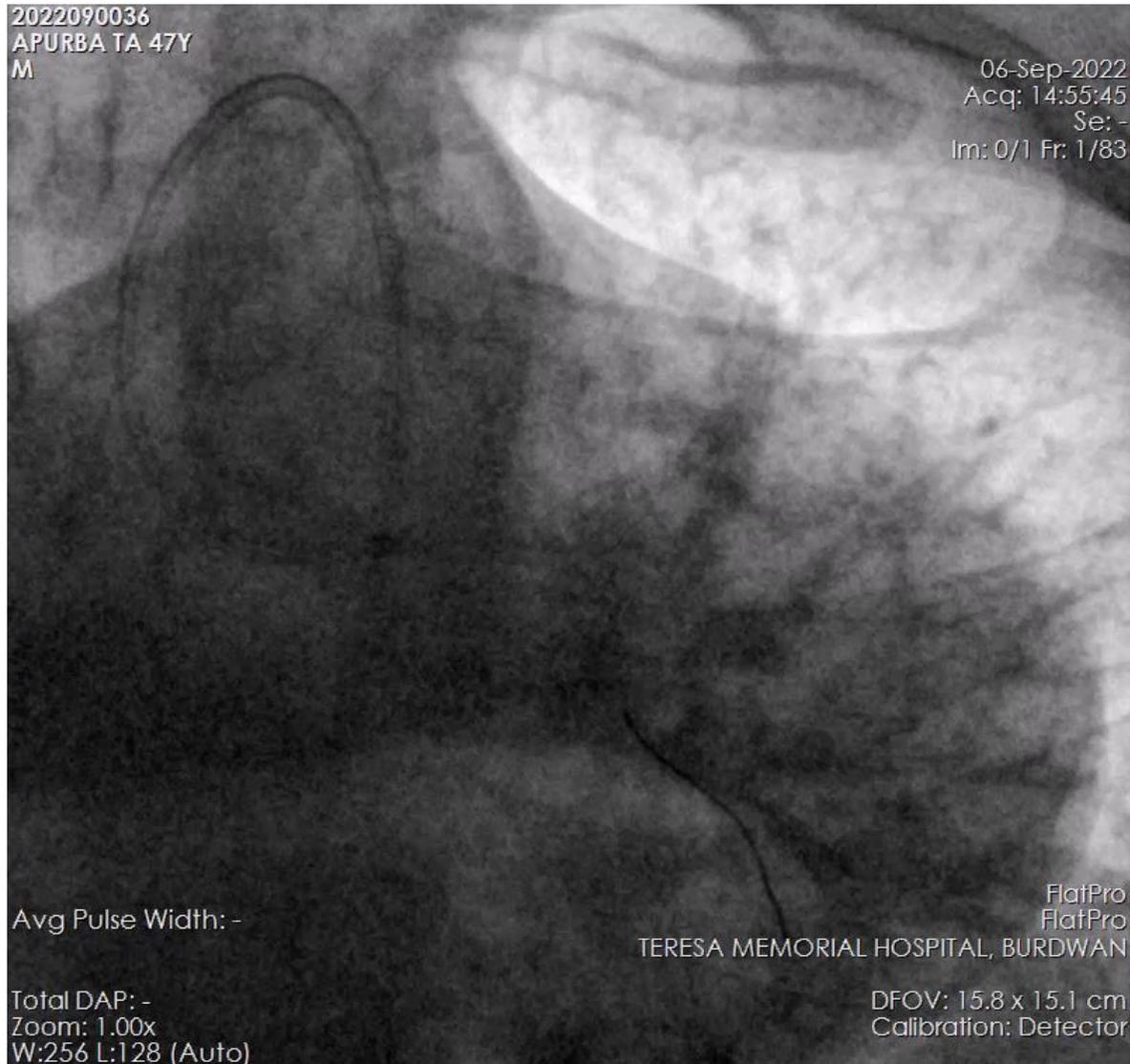
- The LCX flow getting compromised

- We decided to proceed with stenting the LCX due to hemodynamic instability. 2.75*32 DES Trackmaster taken but due to vessel tortuosity, it was difficult to advance.



- 2.75*32 mm DES implanted from LCX ostium





- Flow after LCX stenting. At this moment patient was getting stabilized.

- Post dilated the LAD stent, there was a non flow limiting dissection in distal stent edge of LCX



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06-Sep-2022
Acq: 15:02:23
Se: -
Im: 0/1 Fr: 1/90

Avg Pulse Width: -

Total DAP: -
Zoom: 1.00x
W:256 L:128 (Auto)

FlatPro
FlatPro
TERESA MEMORIAL HOSPITAL, BURDWAN

DFOV: 15.8 x 15.1 cm
Calibration: Detector

- Final Result



Hyderabad

THANK
YOU!