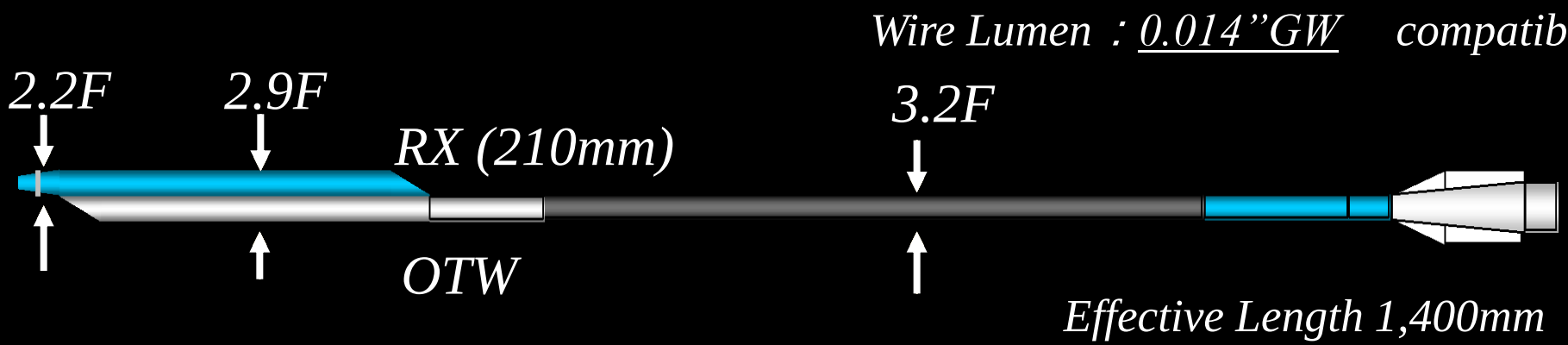
Crusade in CTO PCI

Kasai Shoikai Hospital
Yasushi Asakura M.D.

Product Configuration

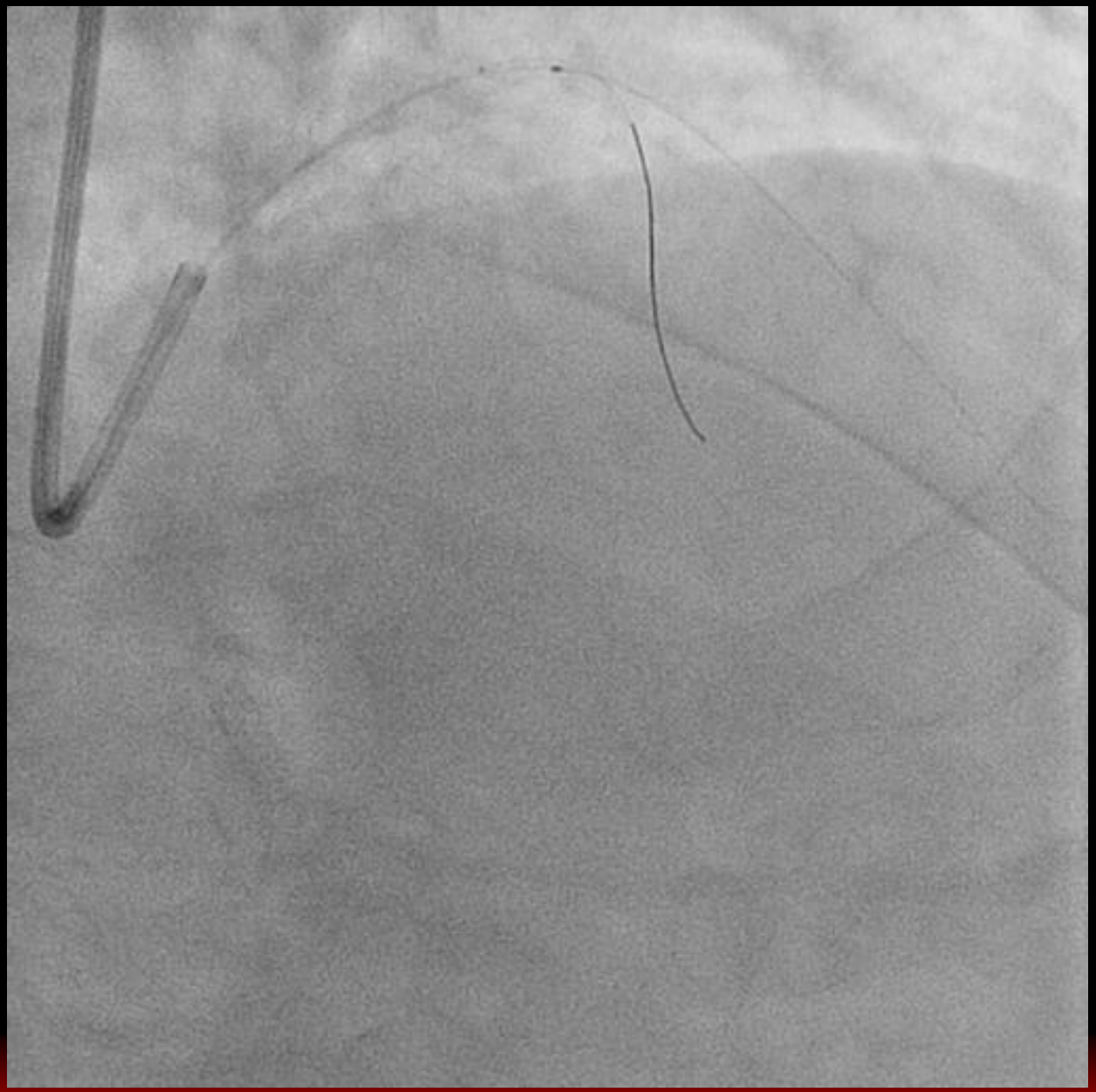


Enhanced Performance of Crusade

1. Excellent Trackability enabled by flex and minimized distal shaft profile.
2. Good proximal shaft support (stylet is not required)
3. Excellent GW maneuverability enabled by two-layered GW lumen configuration.

Case

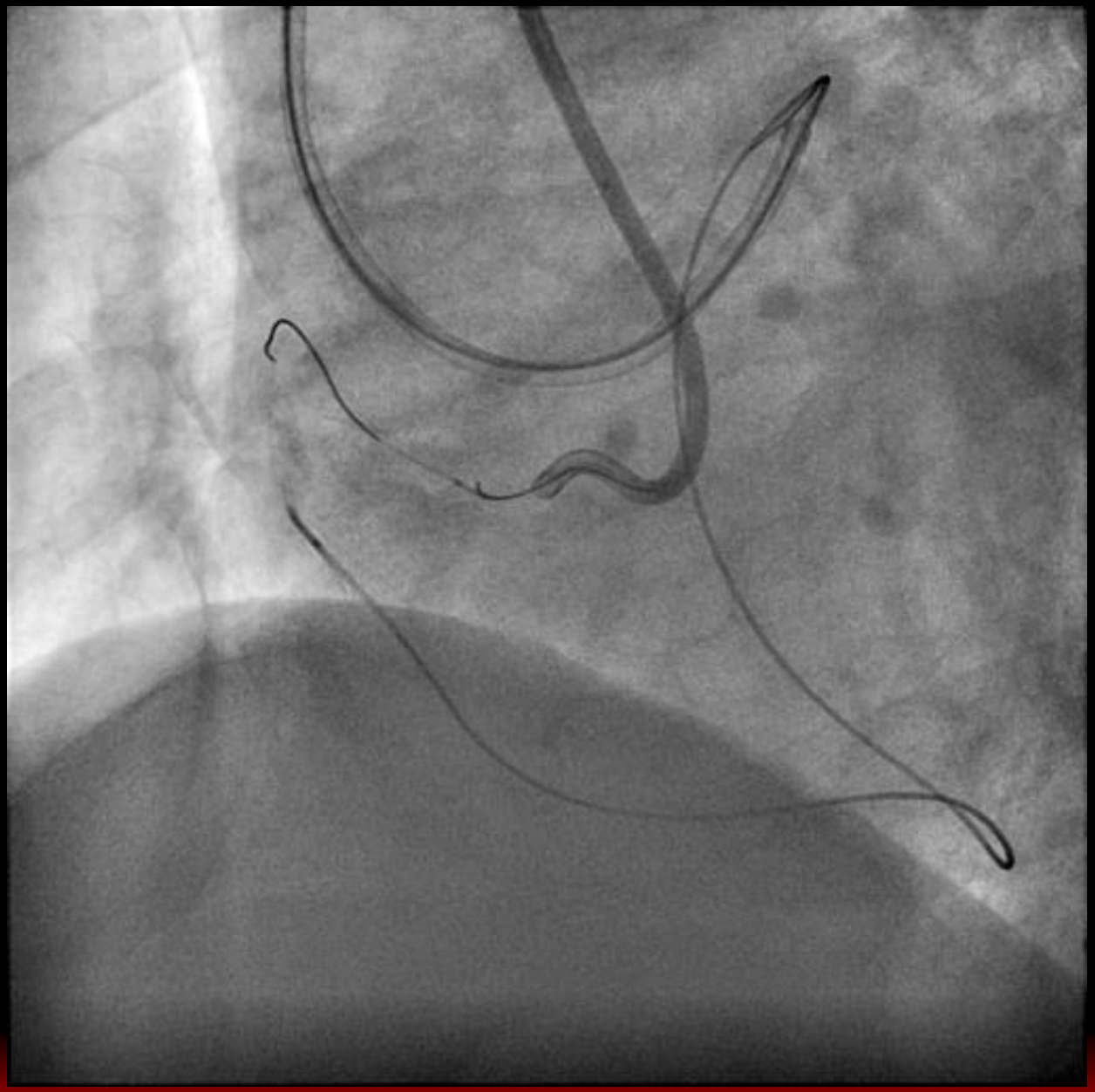
Crusade



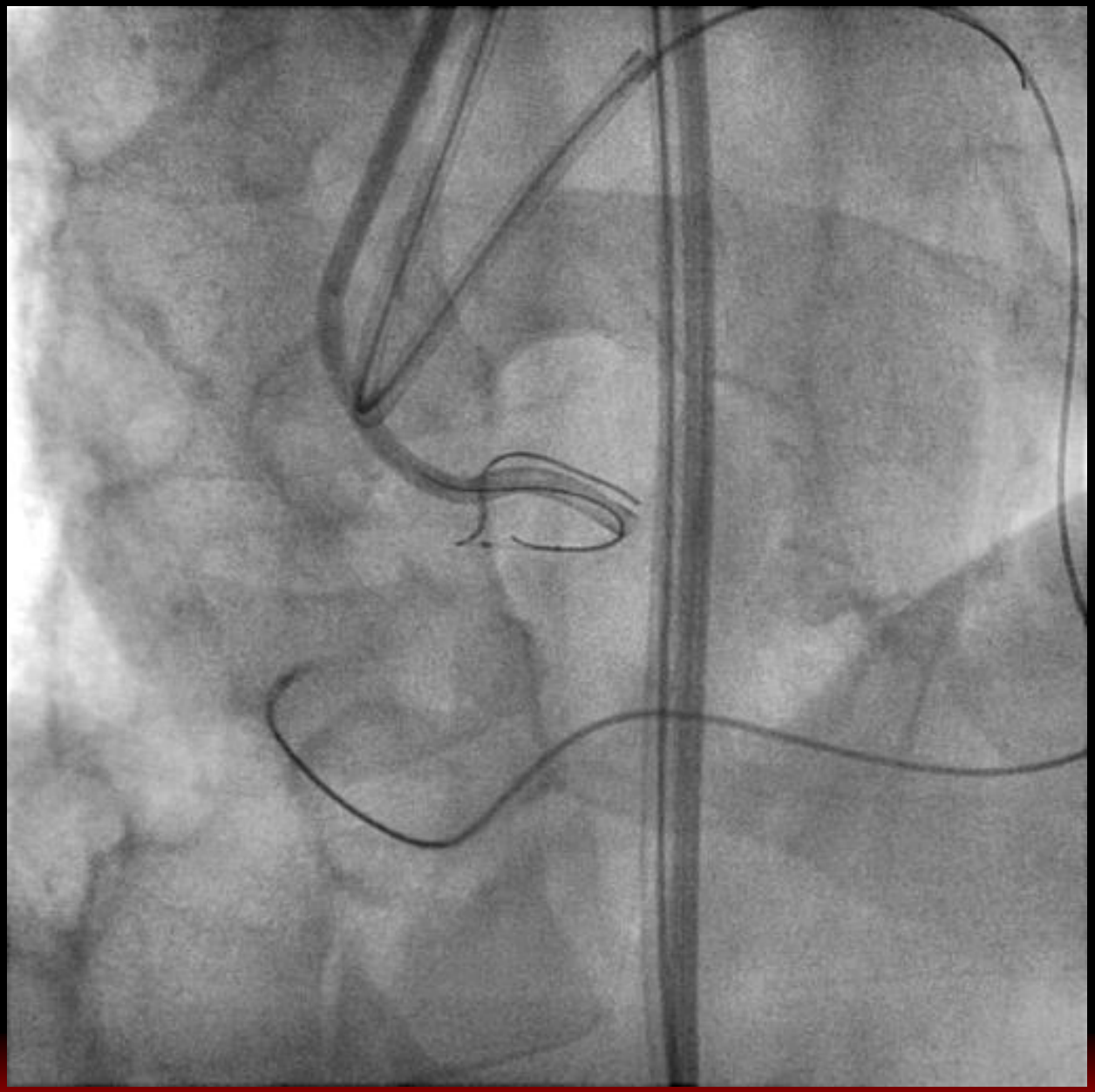
Significance of Using Crusade

√ **Enable Crossing of GW into Complex Side Branch**

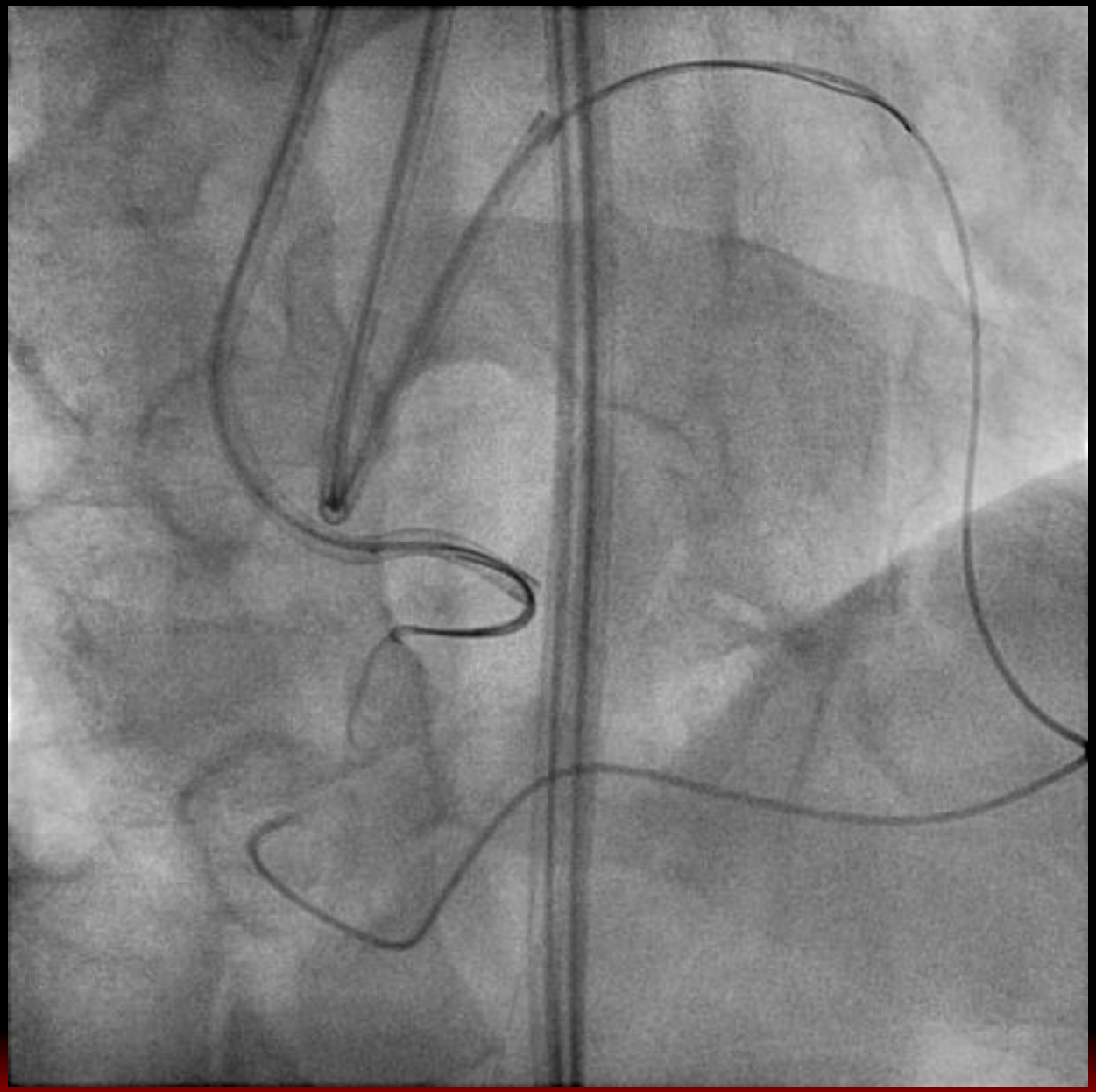
Case



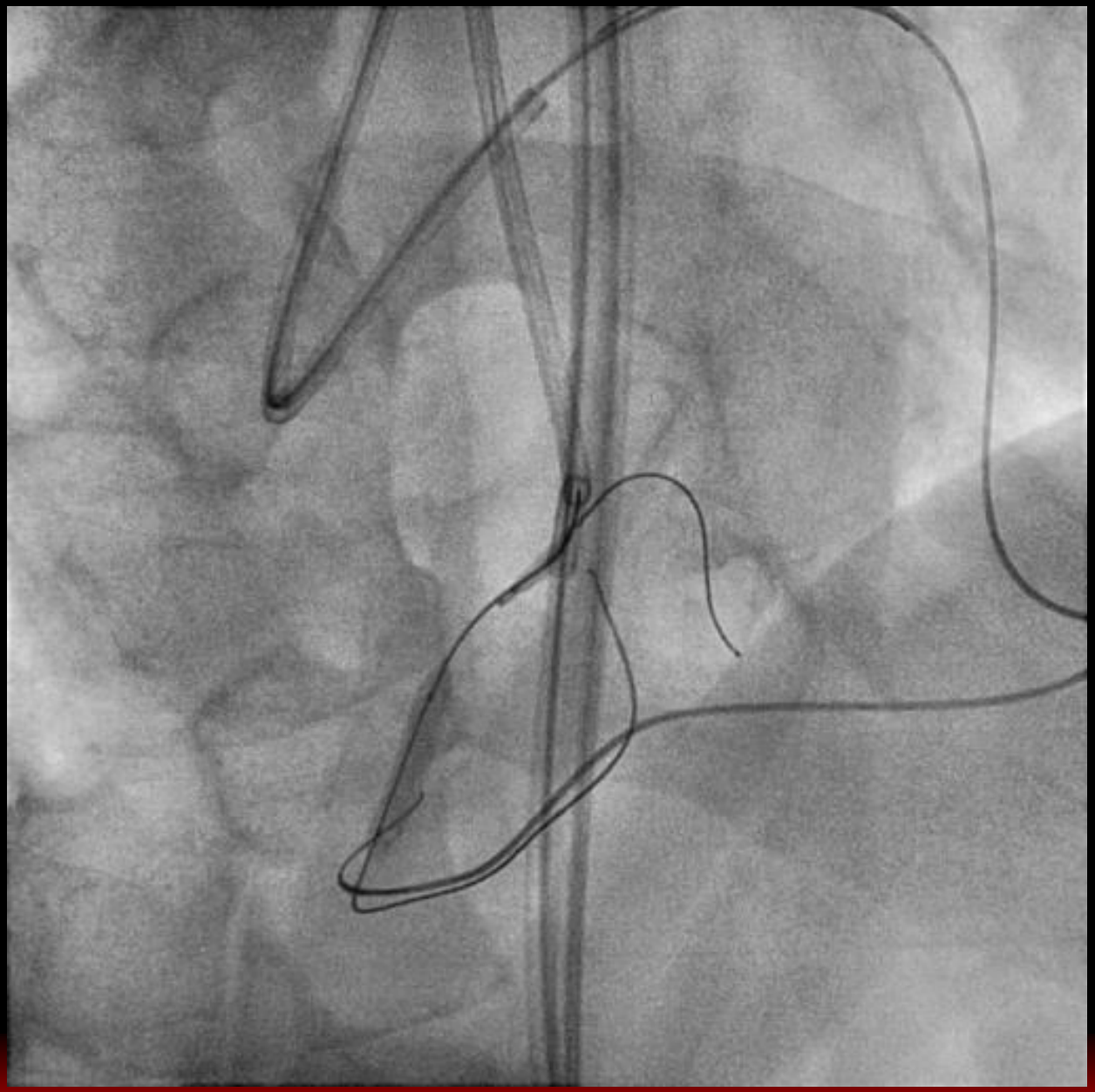
Crusade



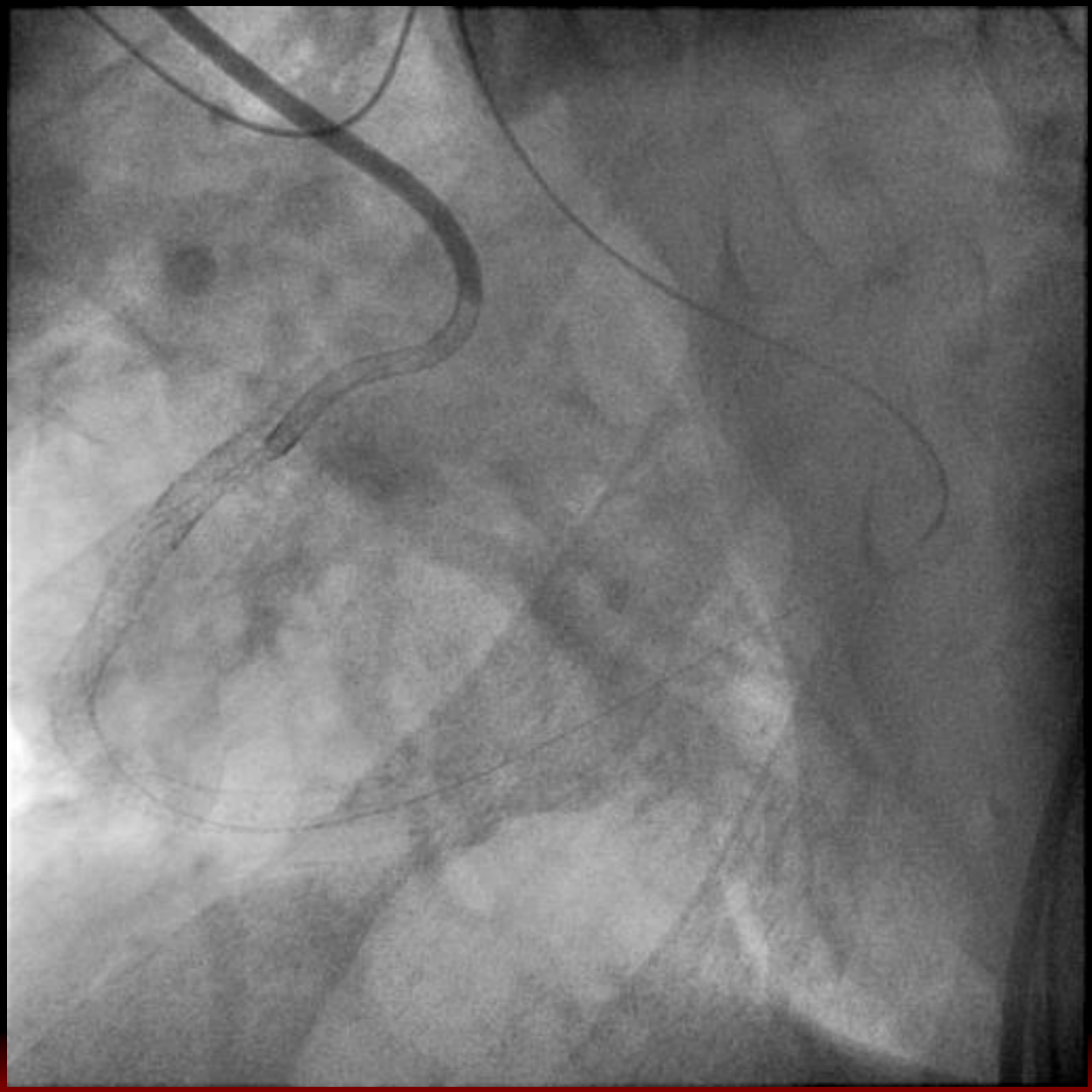
Crusade



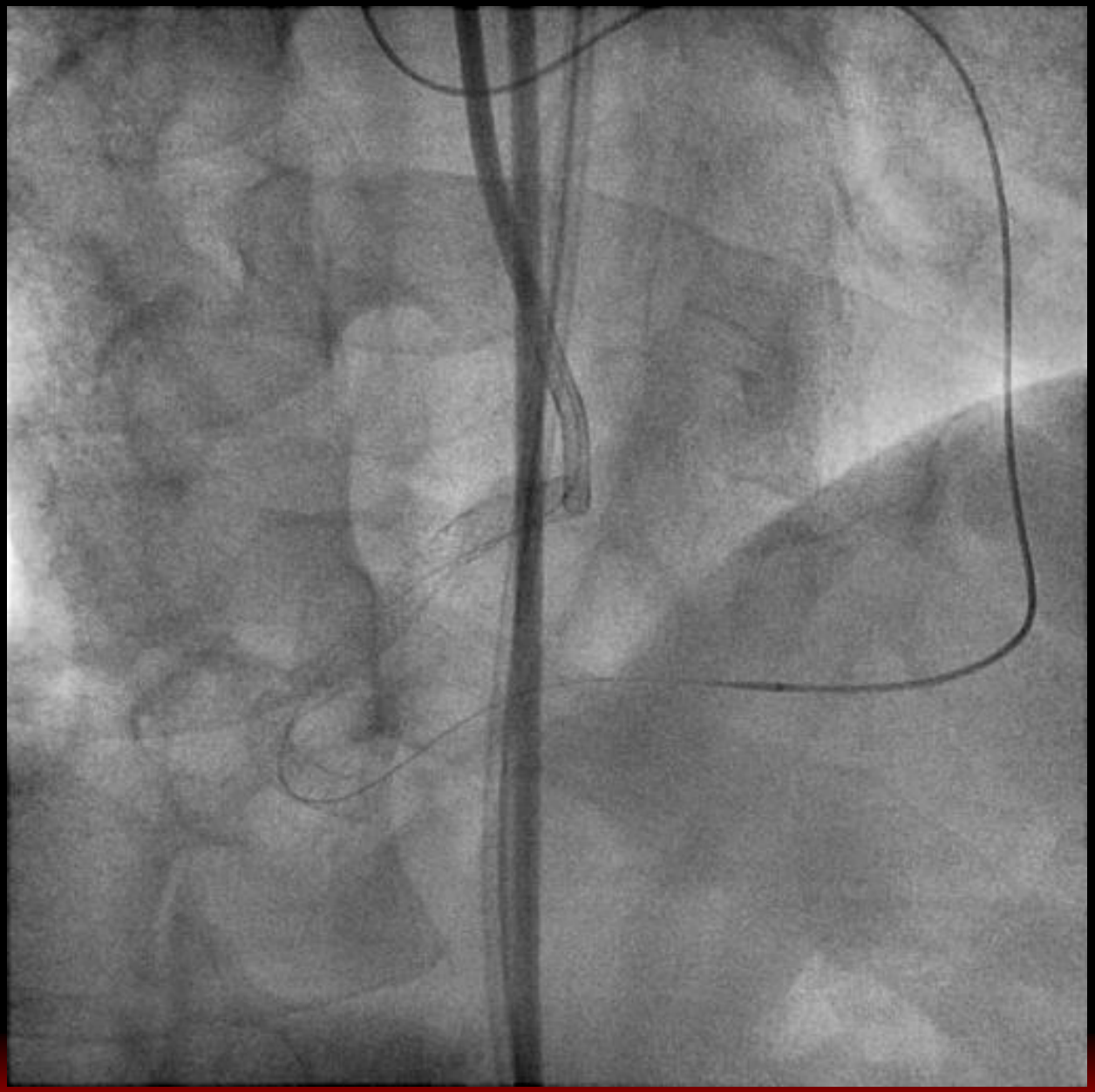
Reverse CART



Final



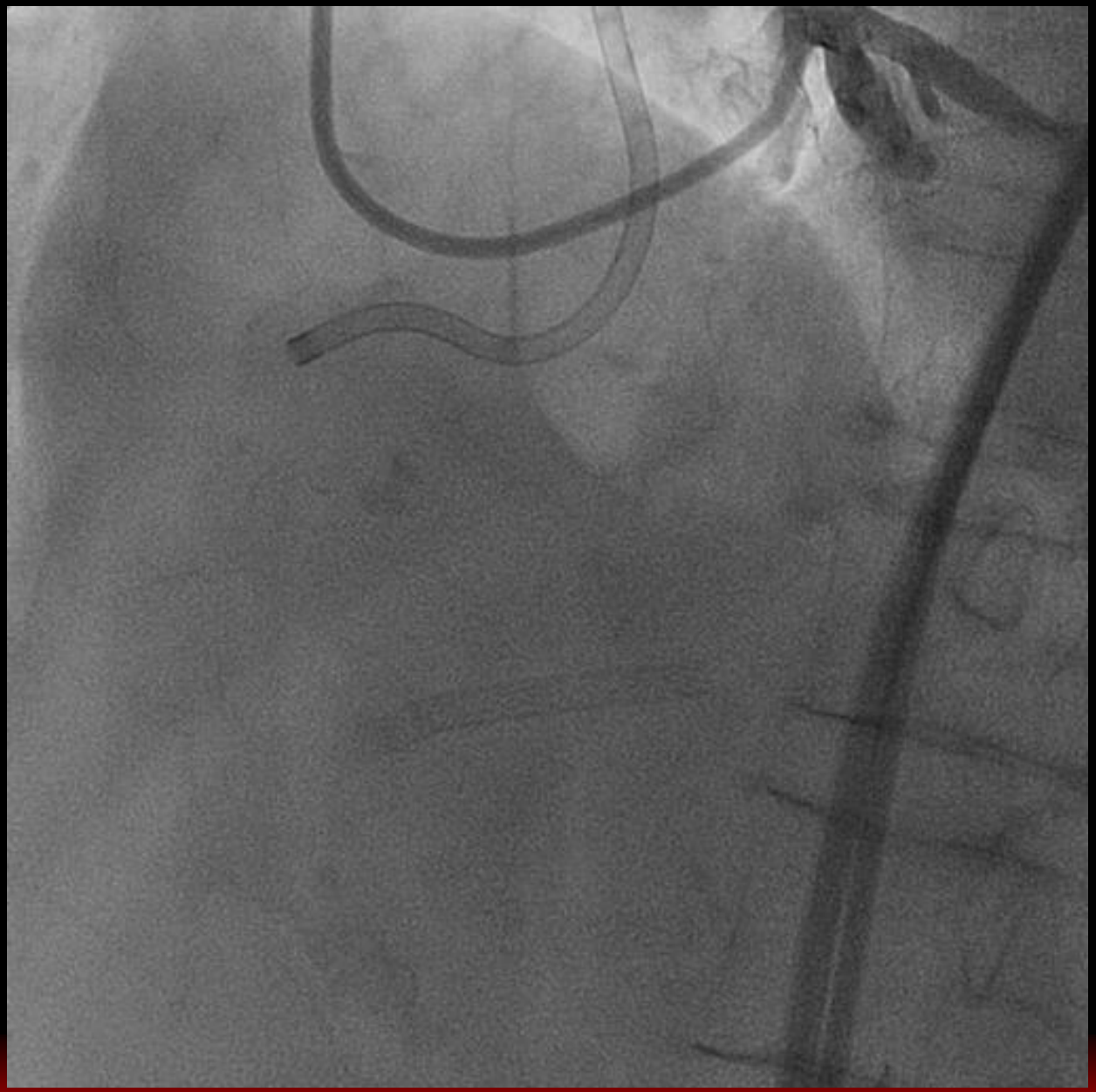
Final



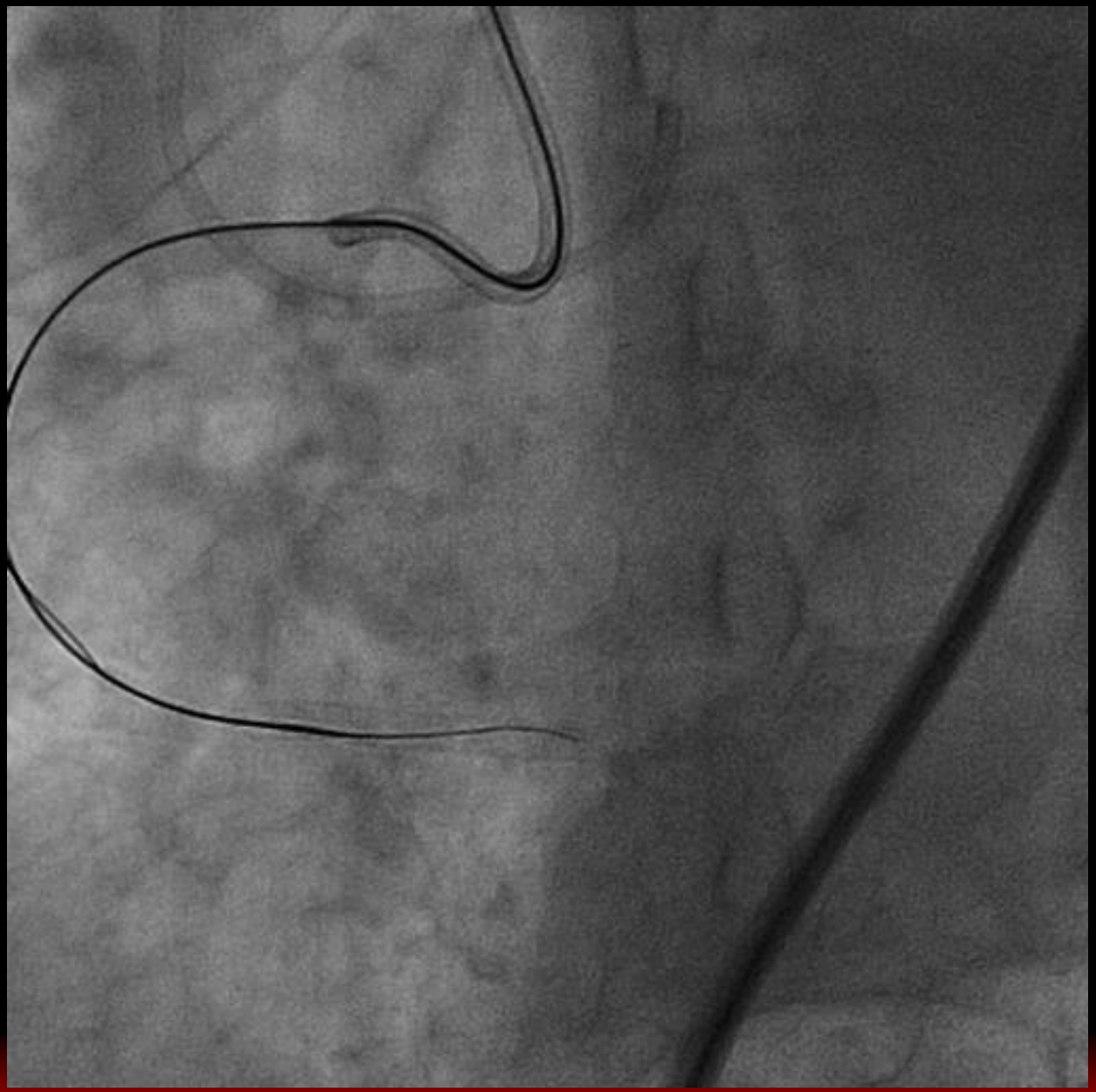
Significance of Using Crusade

- √ Enable Crossing of GW into Complex Side Branch
- √ Back-up Force

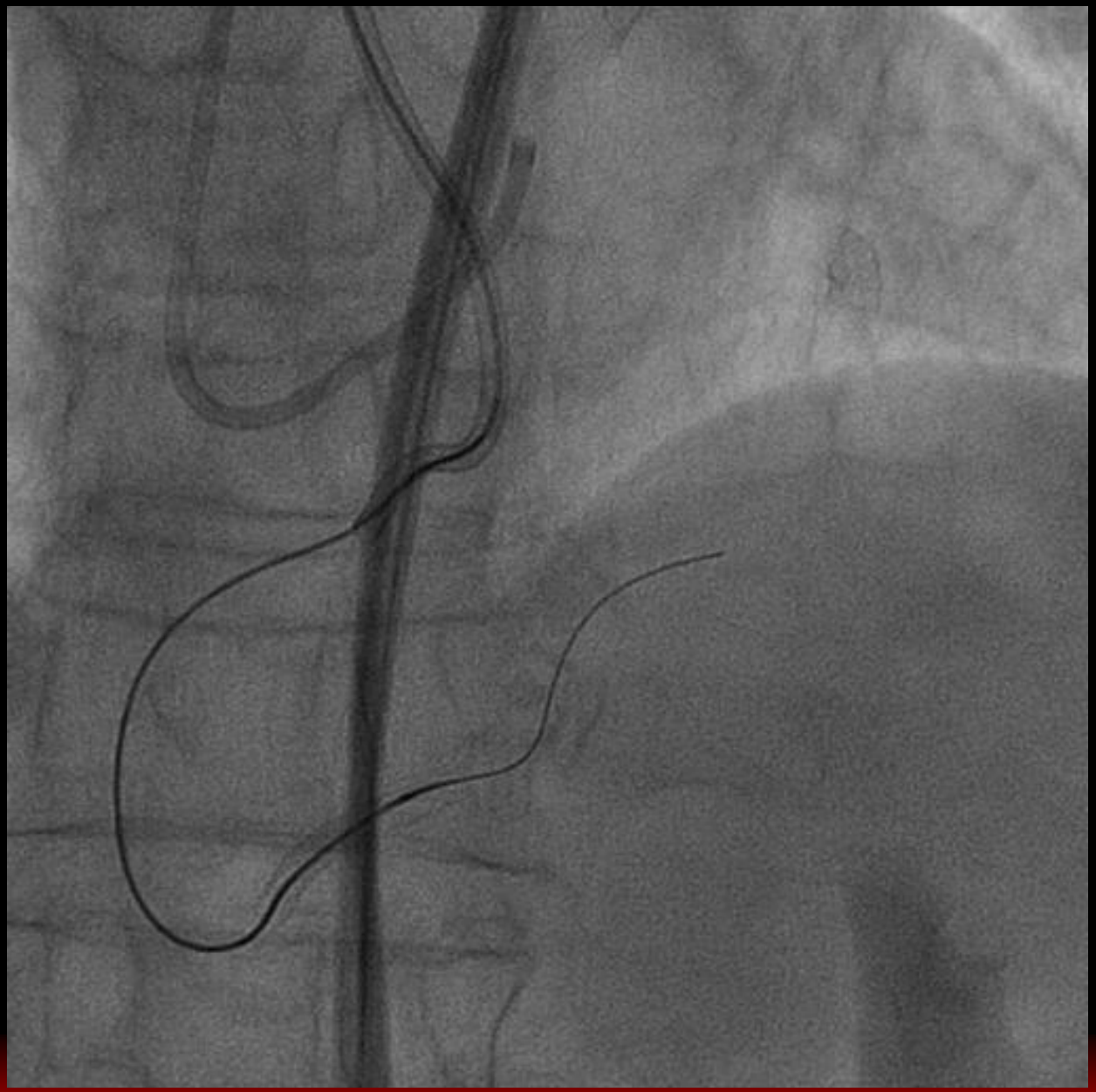
Case



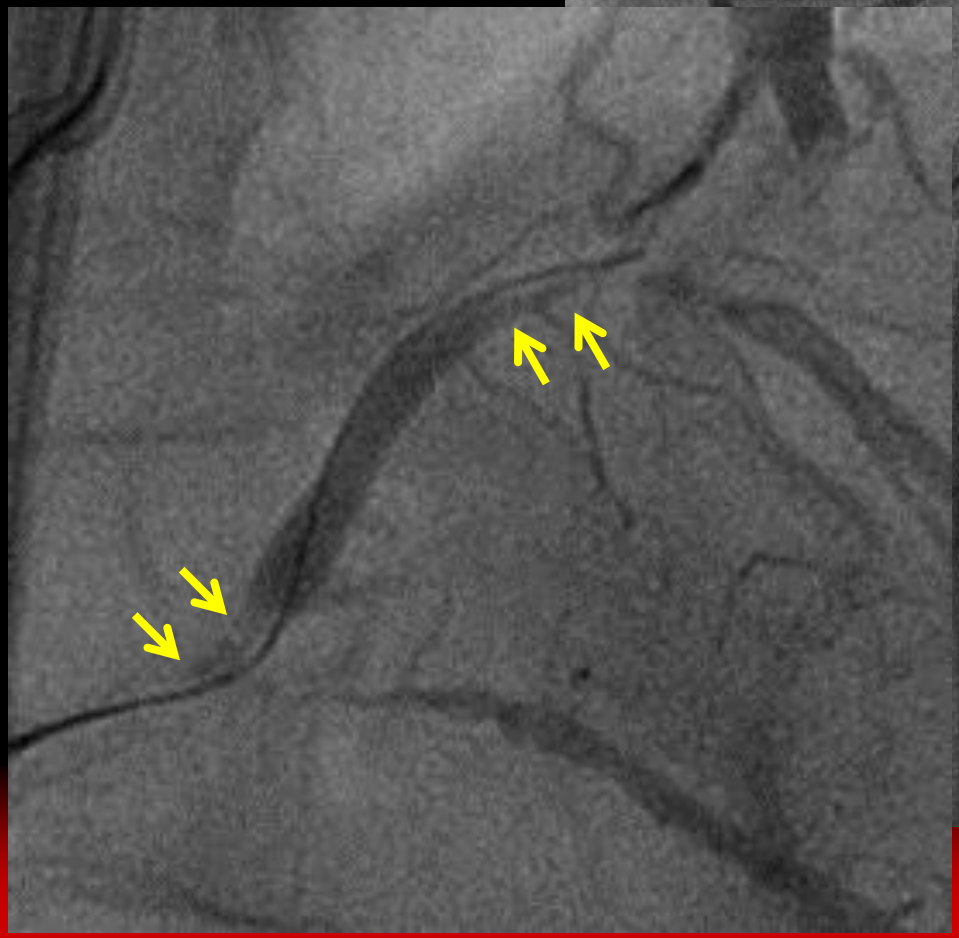
Antegrade Wiring



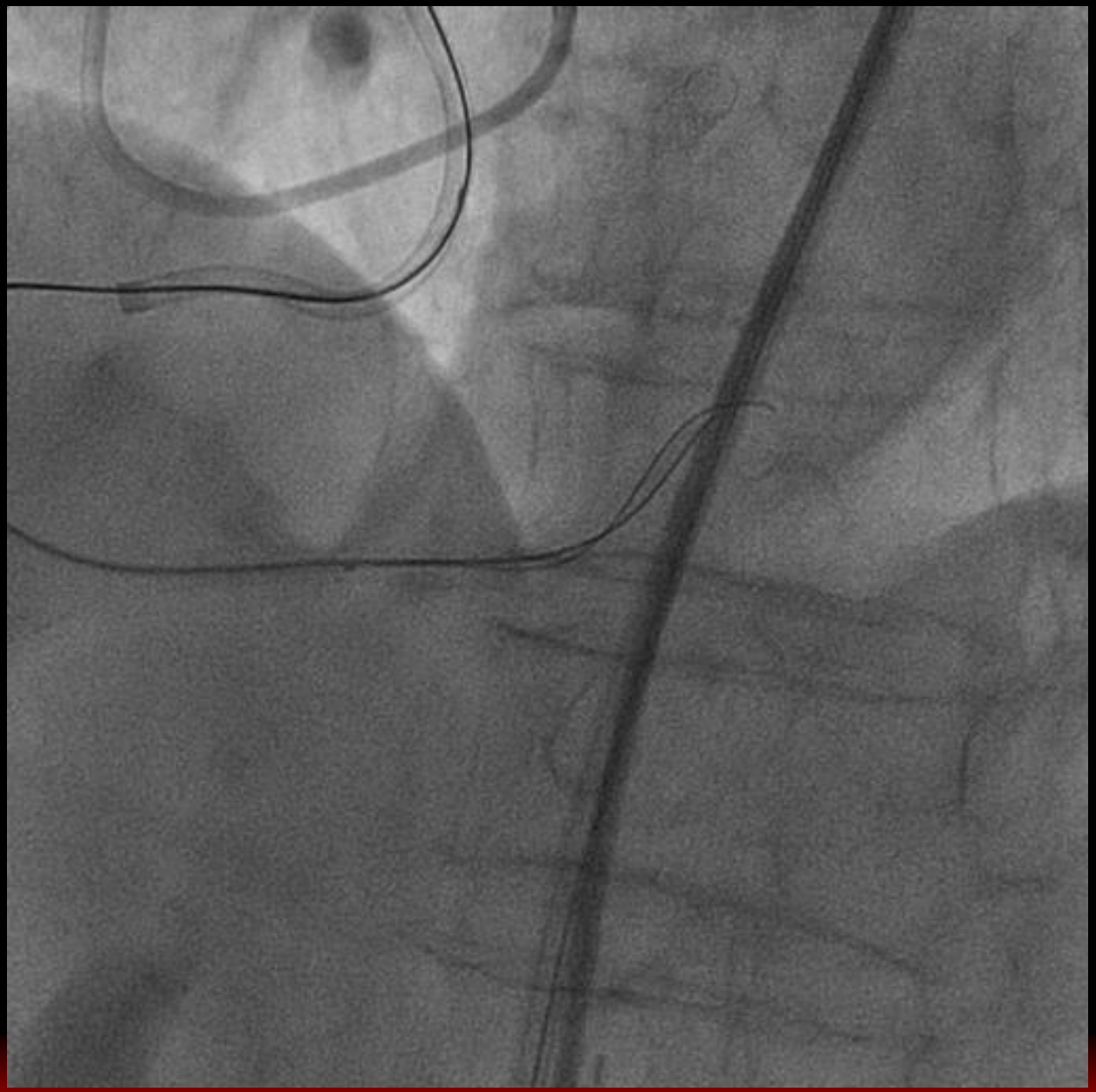
Antegrade Wiring



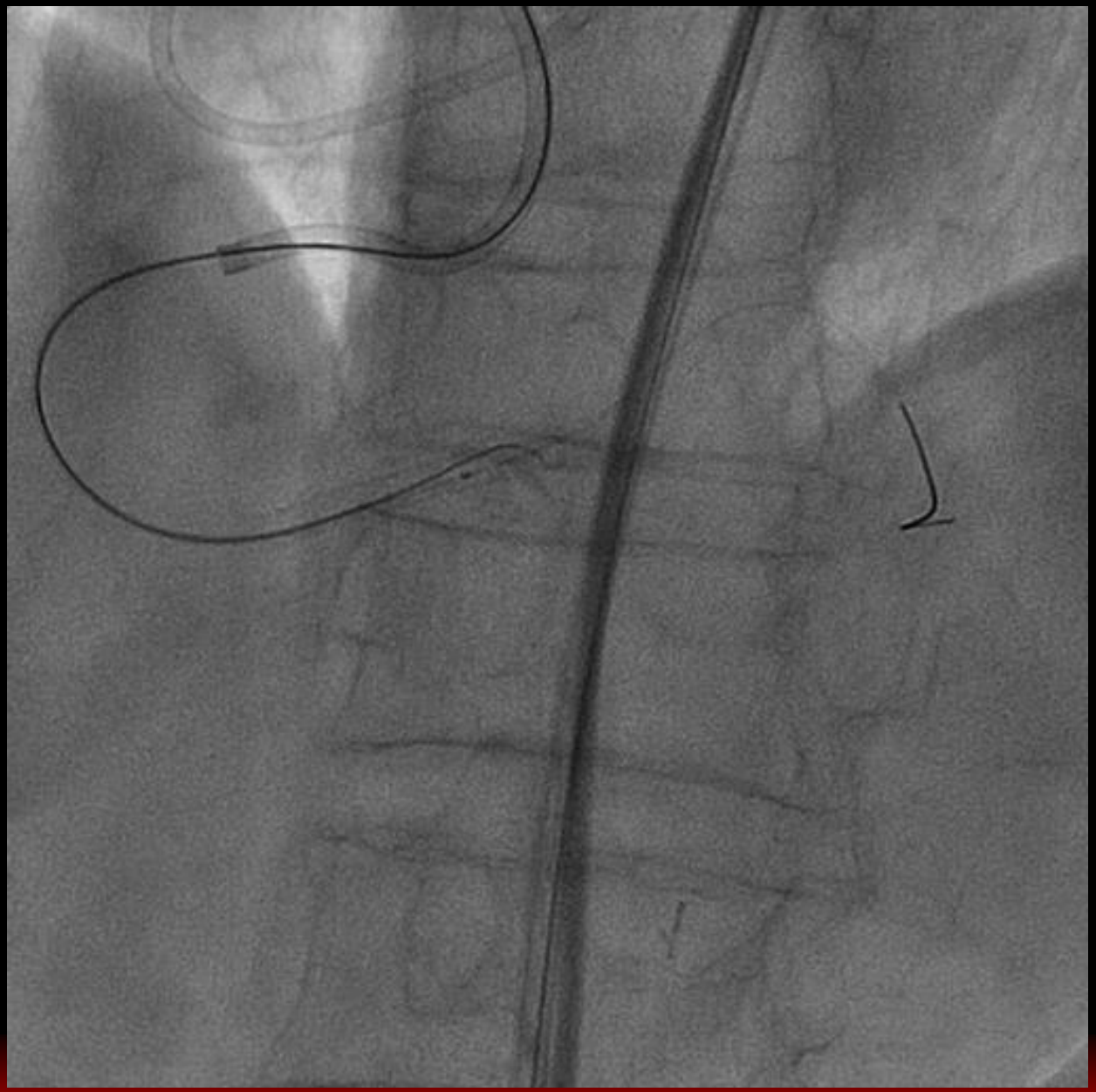
GW



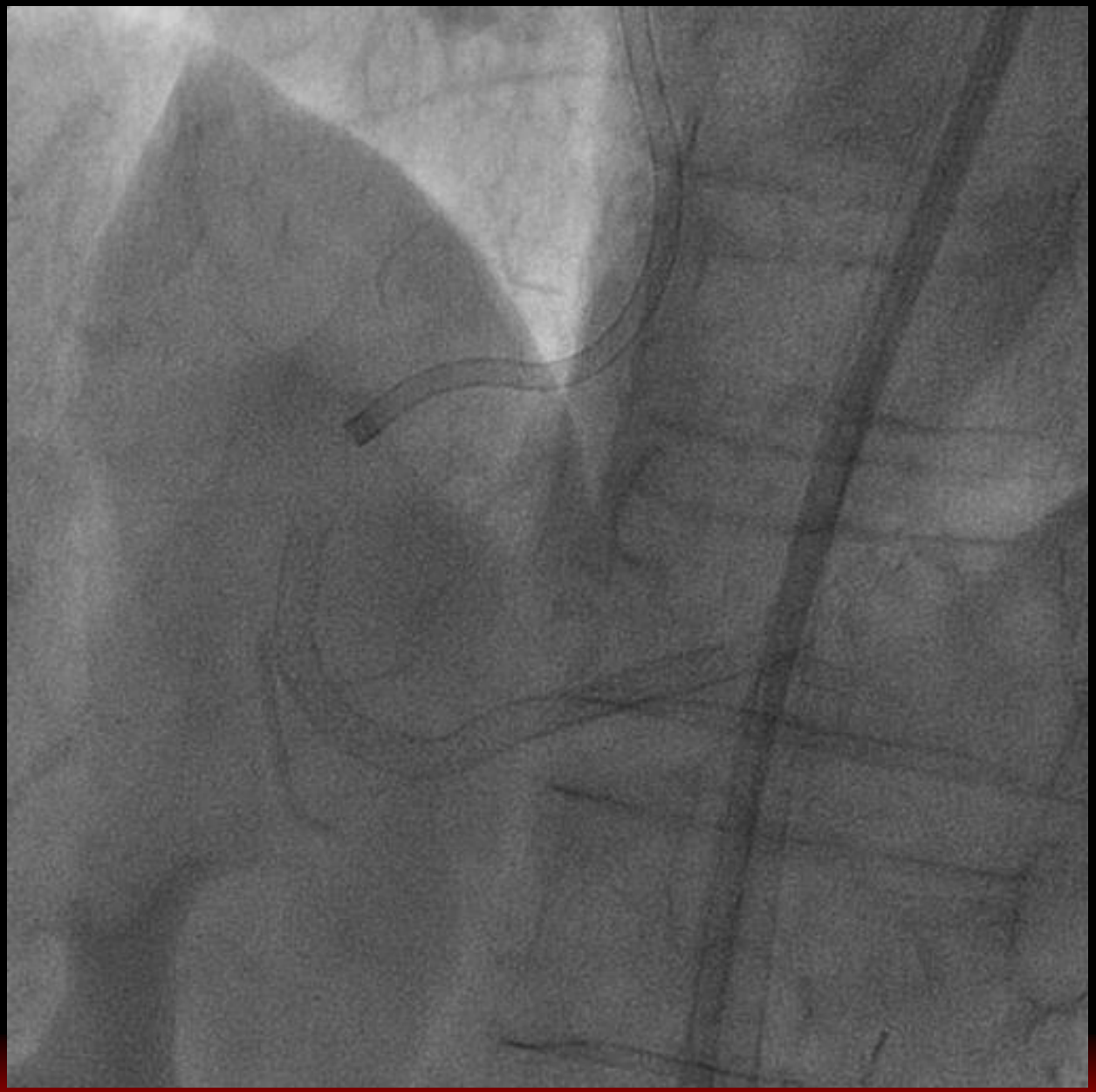
Parallel Wire Technique



Crusade



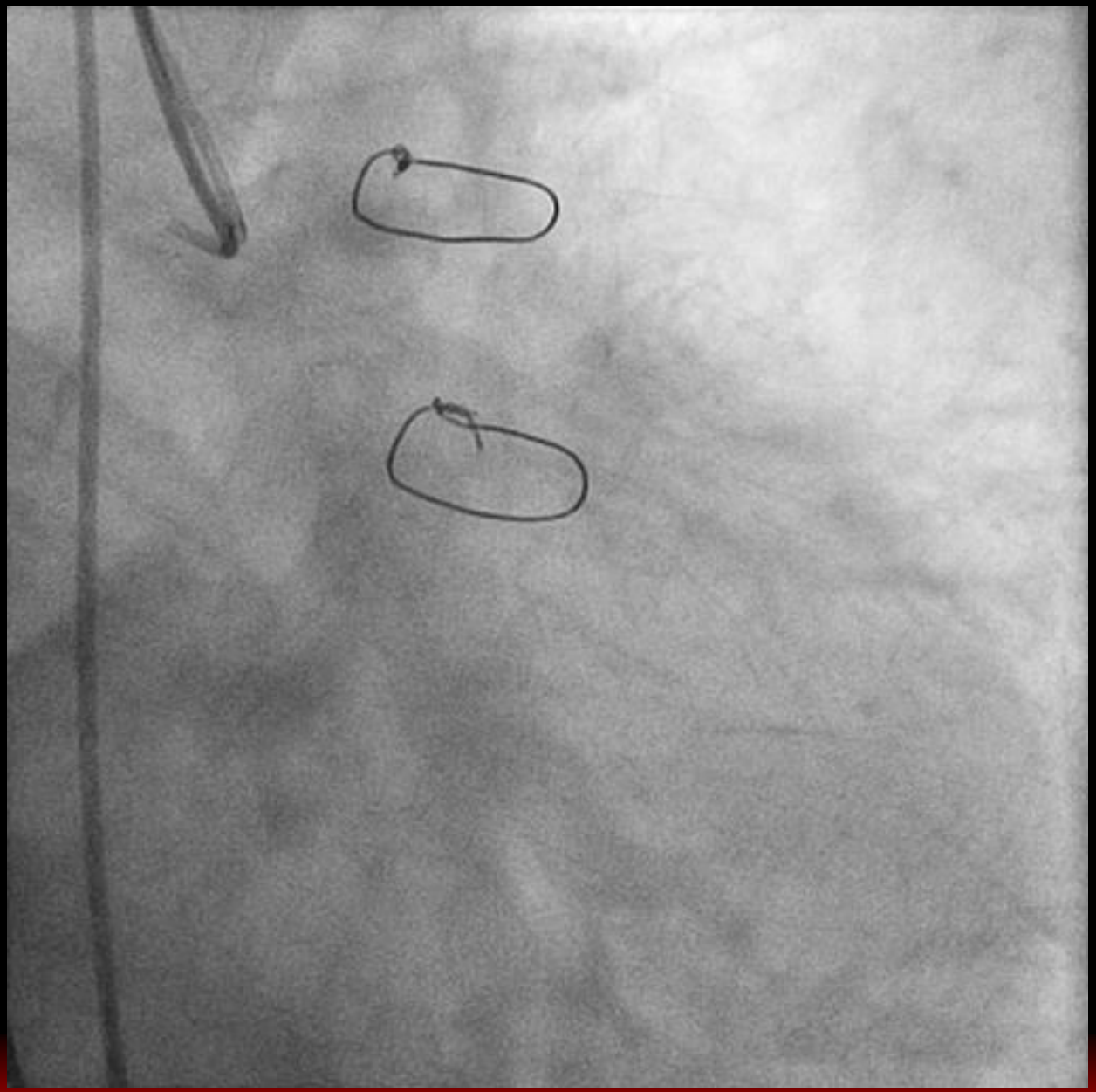
Final



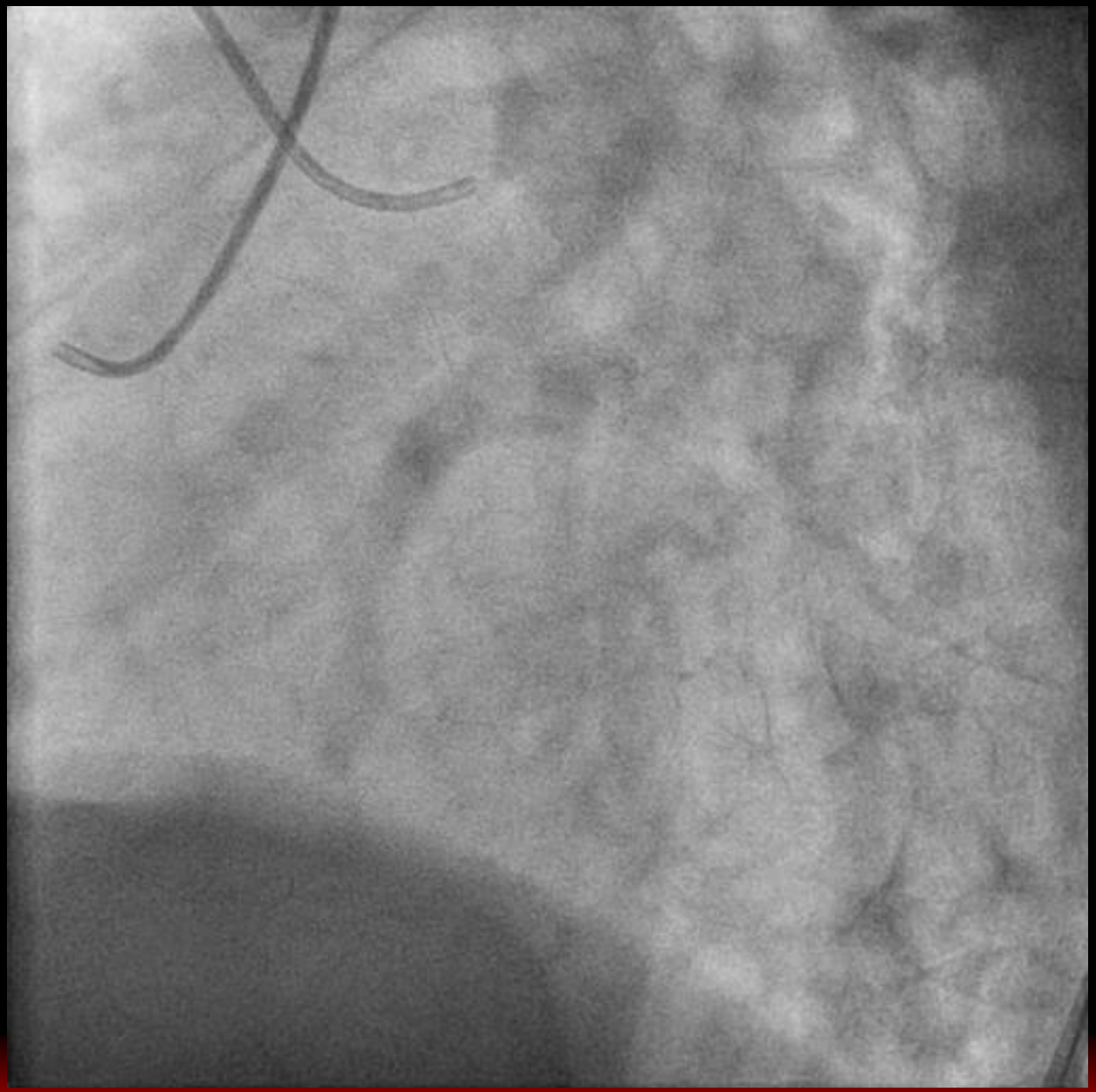
Significance of Using Crusade

- √ Enable Crossing of GW into Complex Side Branch
- √ Back-up Force
- √ Parallel Wire Technique

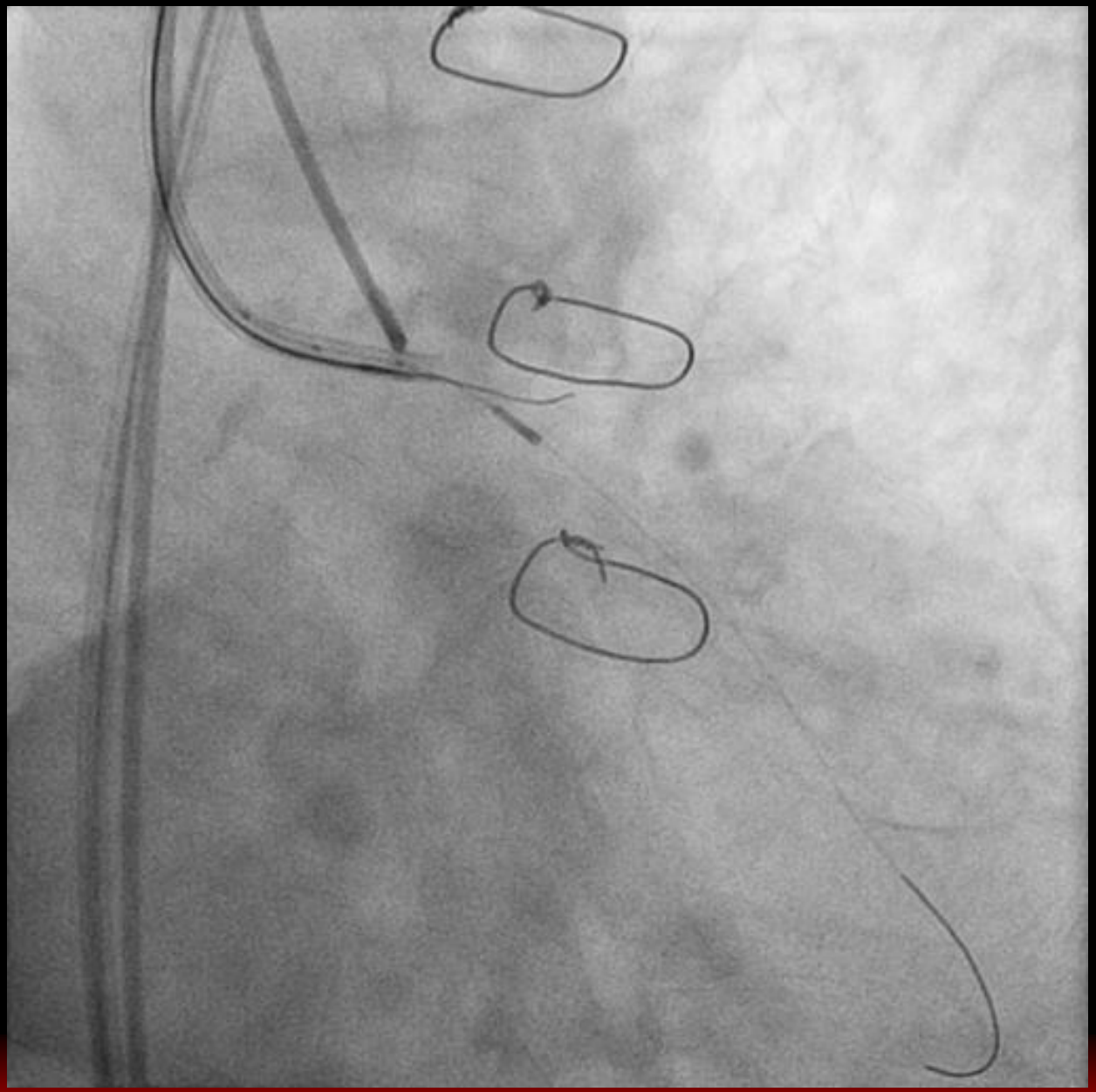
Case



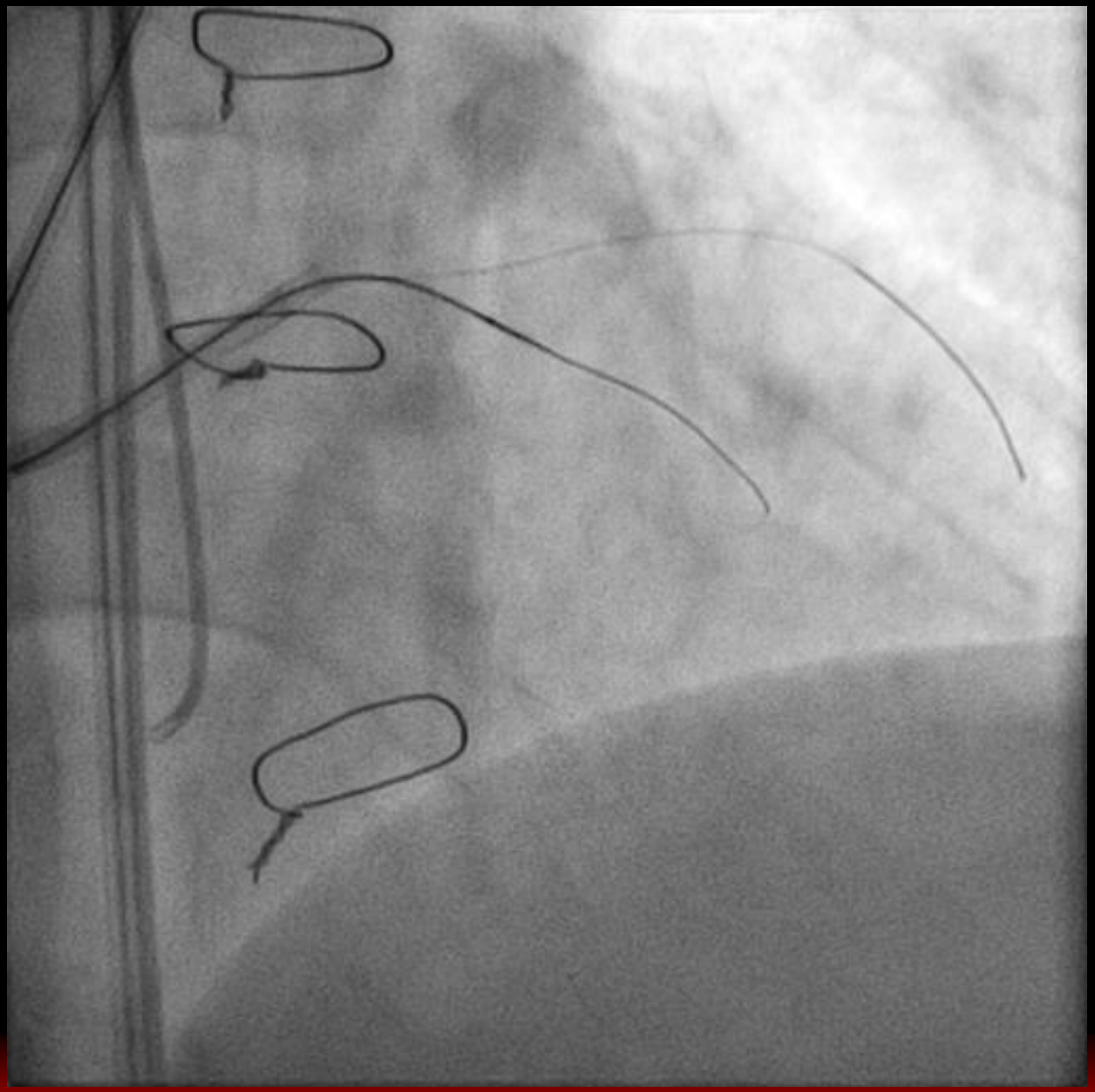
Case



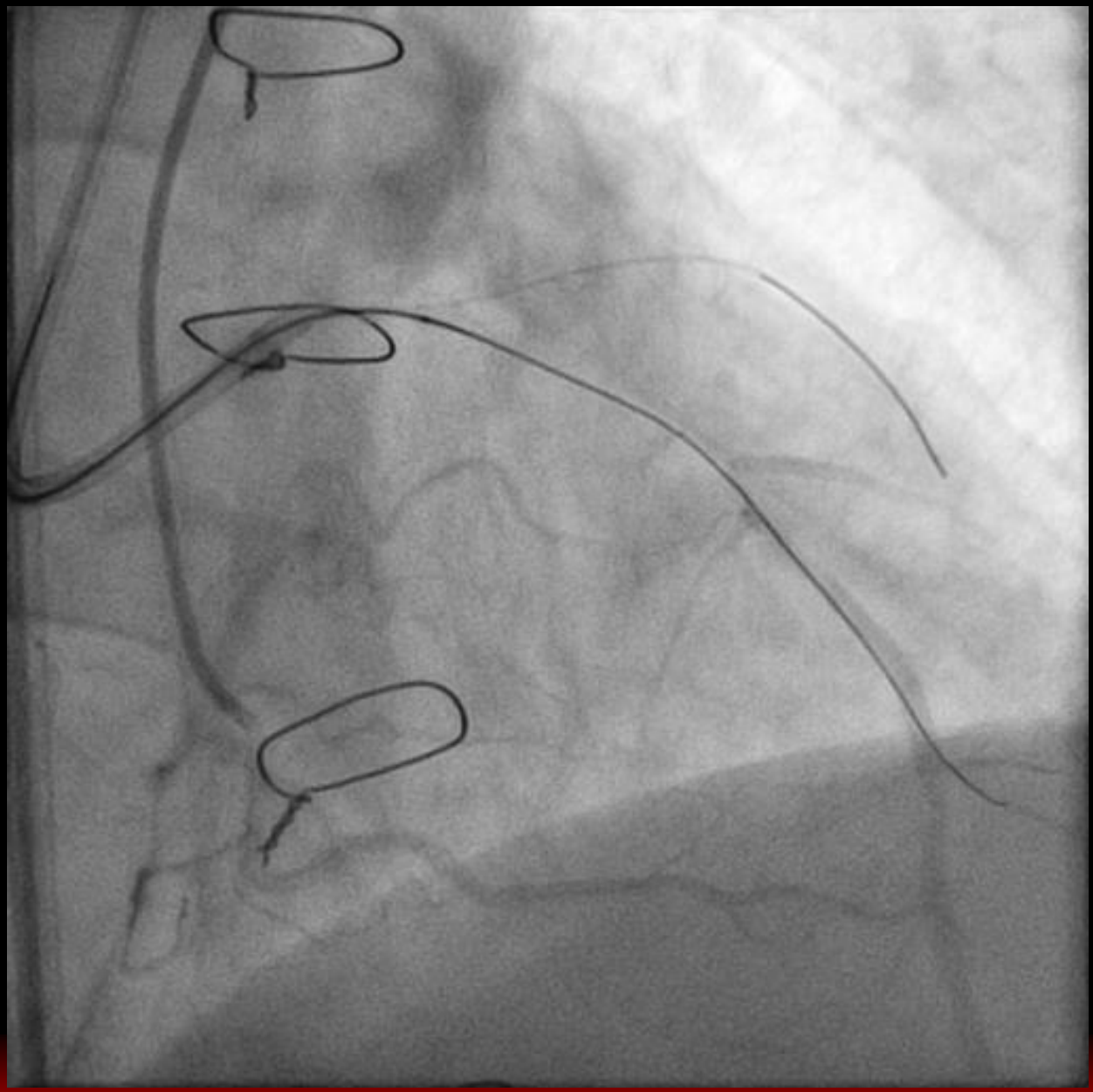
Antegrade Wiring



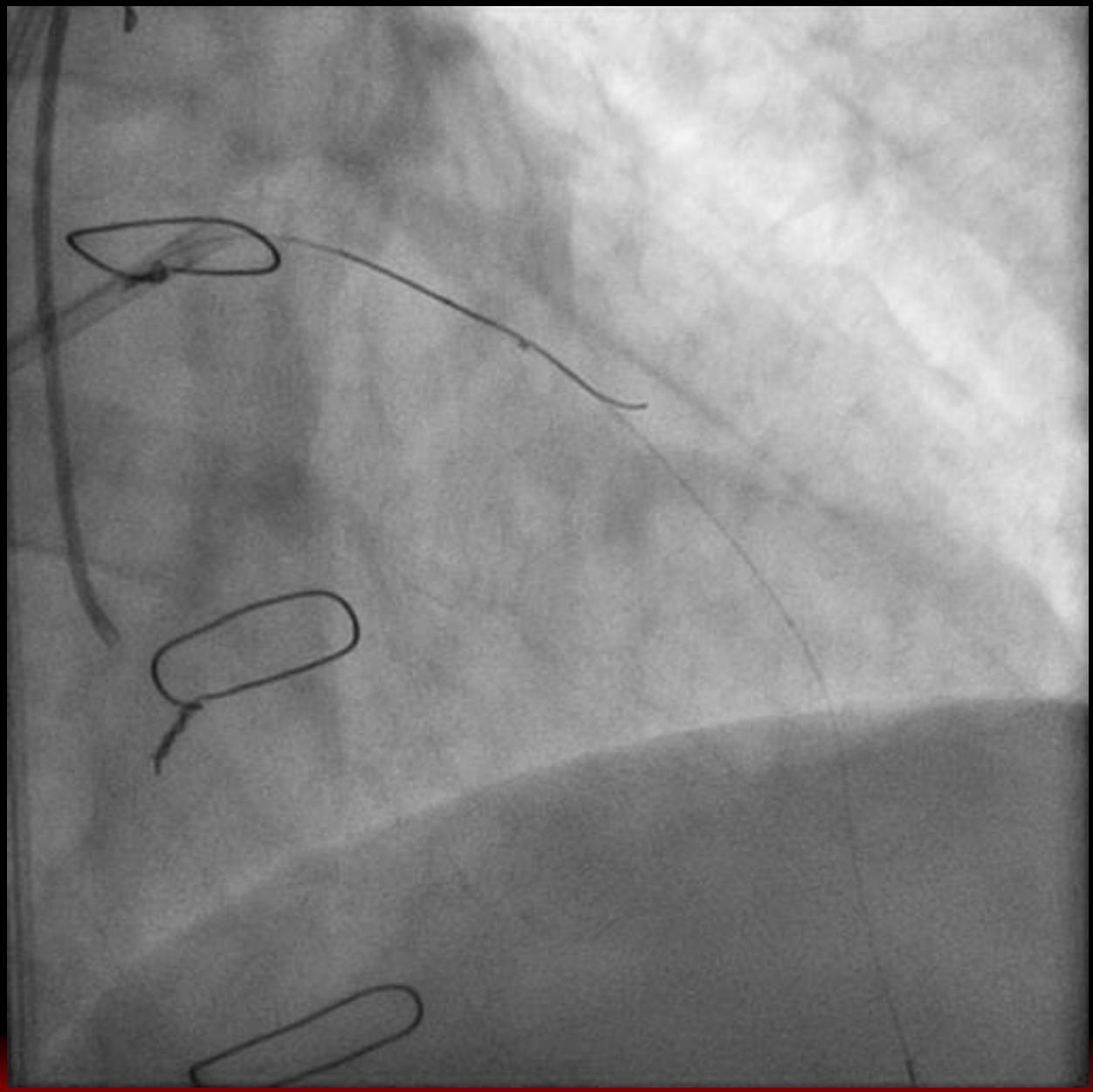
Antegrade Wiring



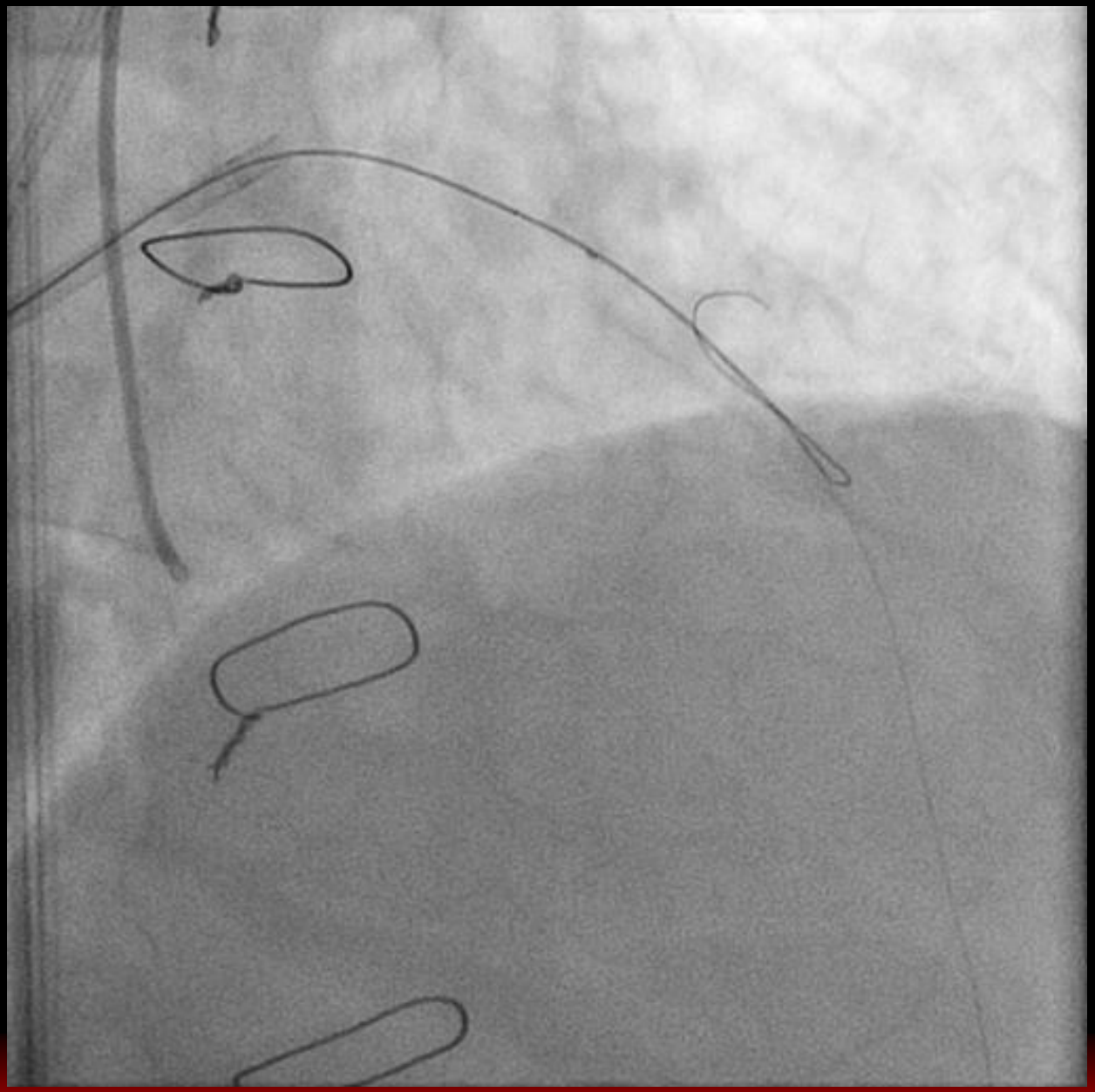
Antegrade Wiring



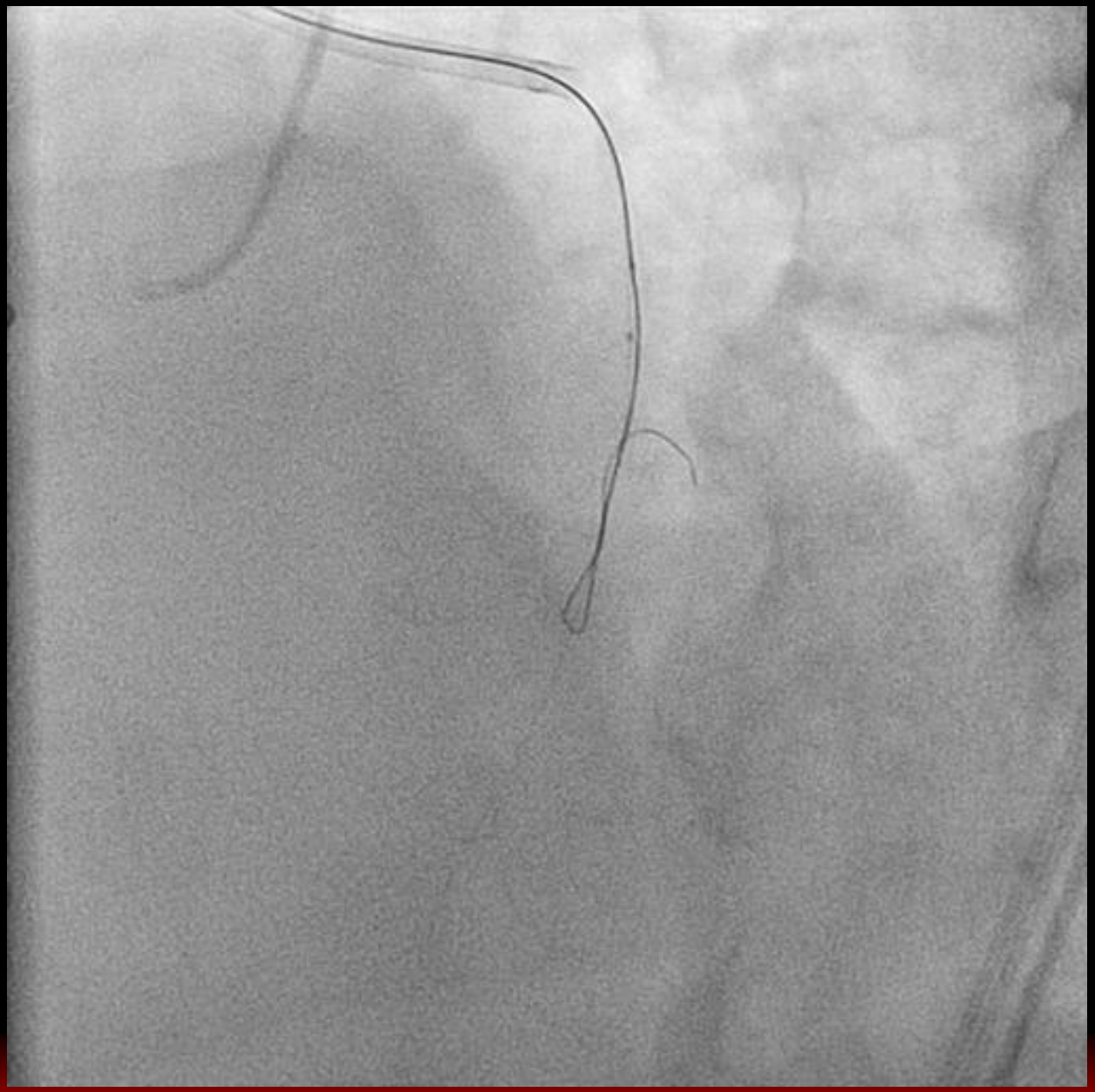
Diagonal



Reverse Wire Technique

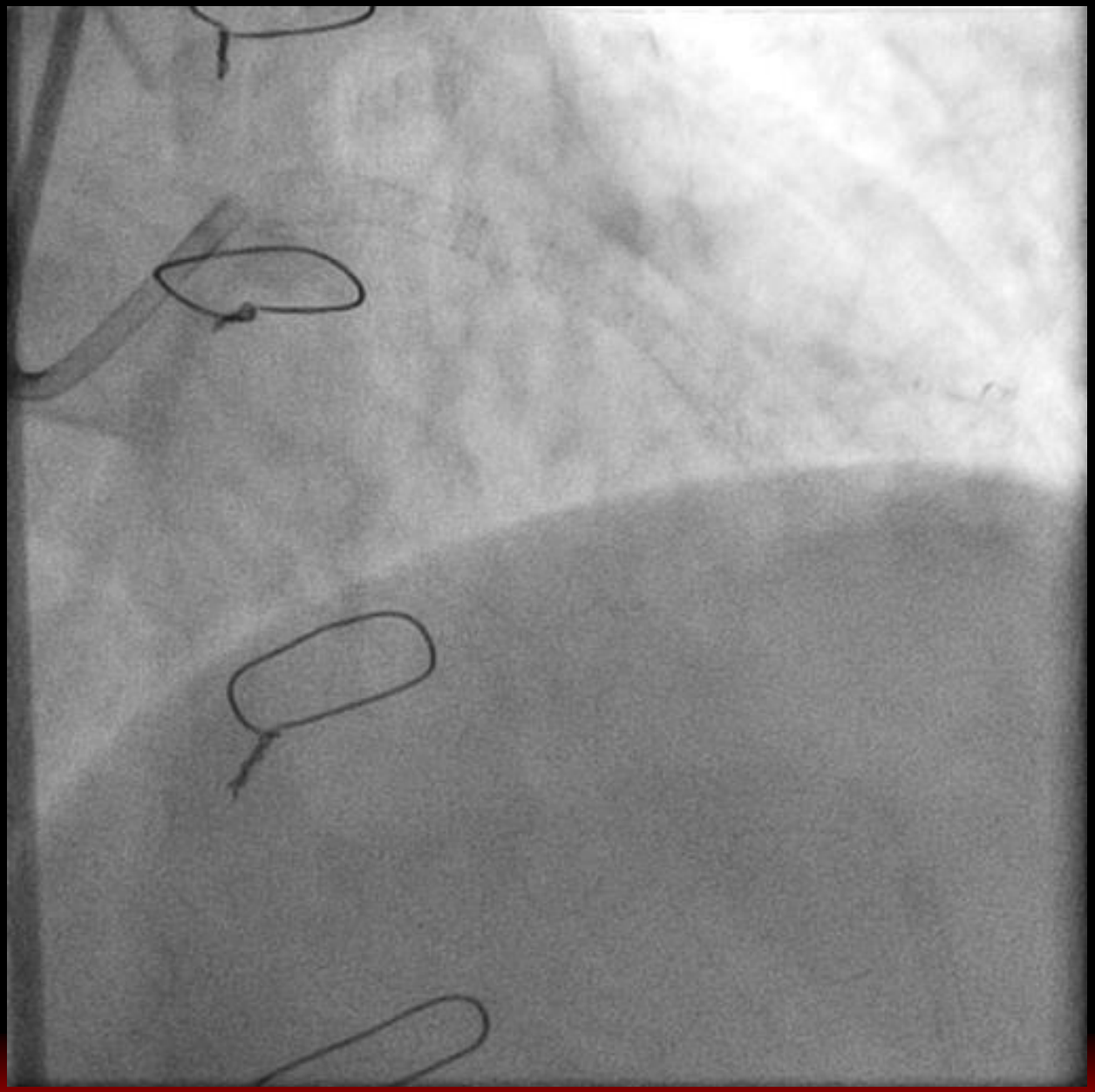


Reverse Wire Technique

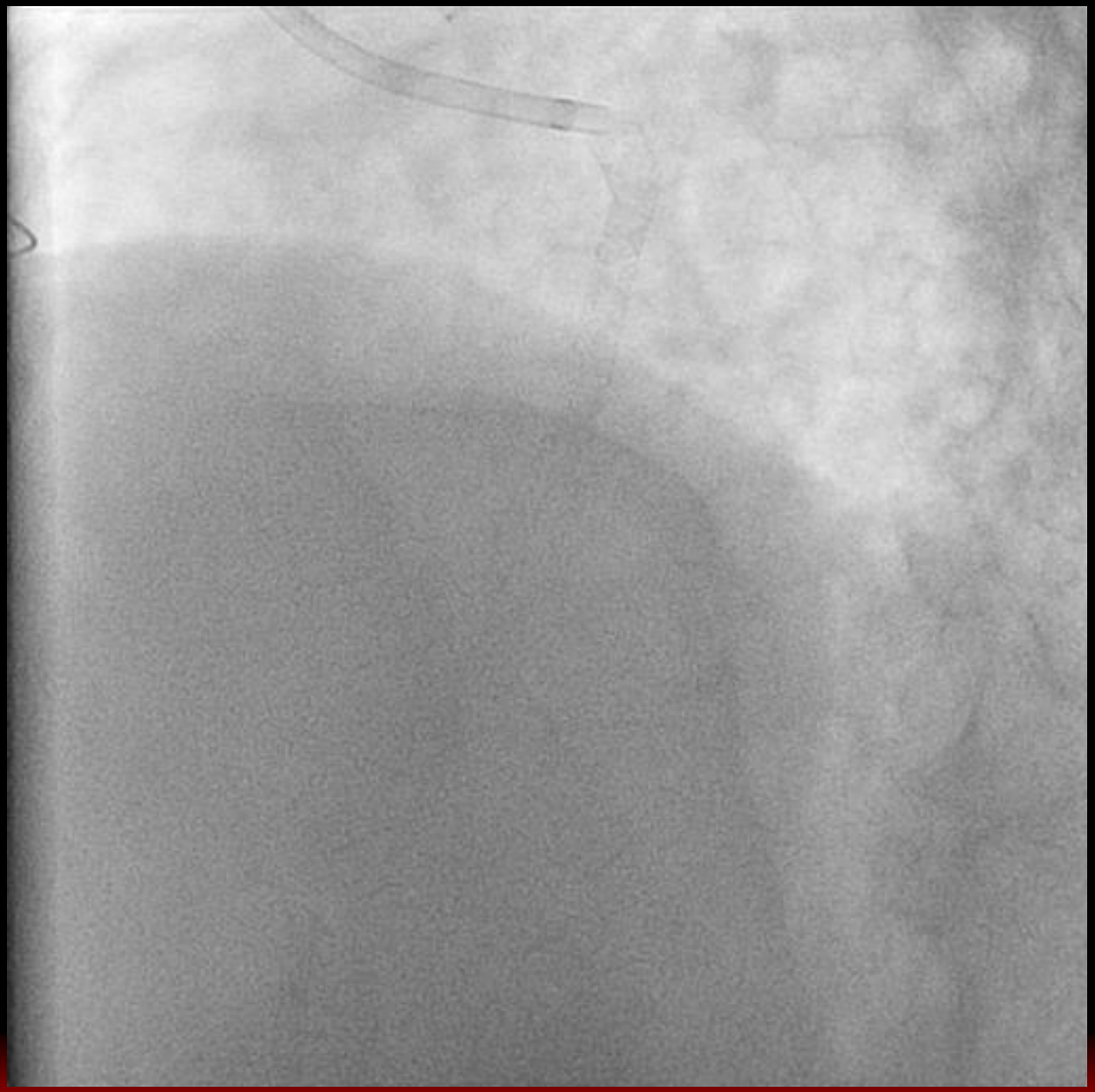


“Reverse GuideWire Technique”

Final



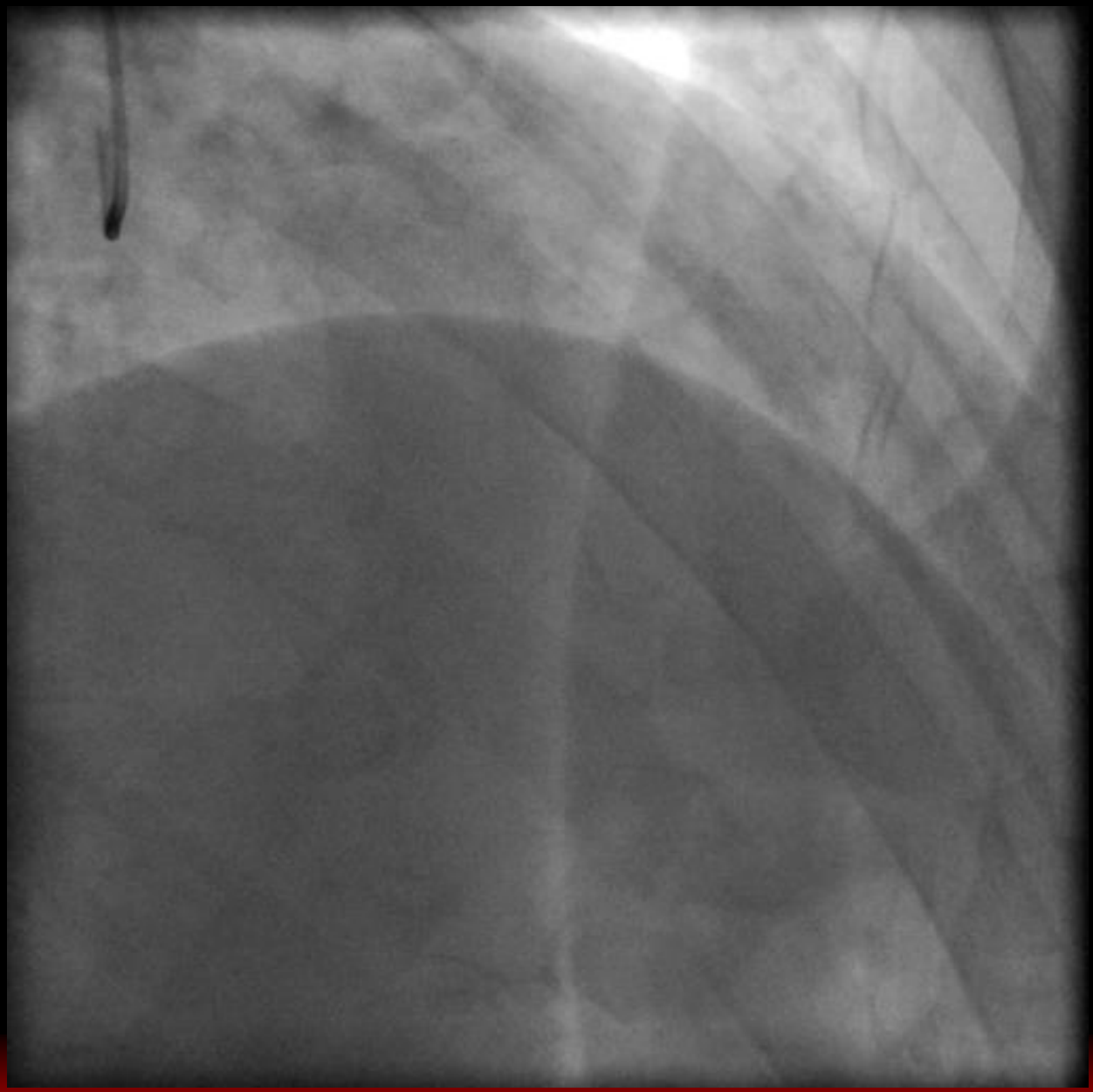
Final



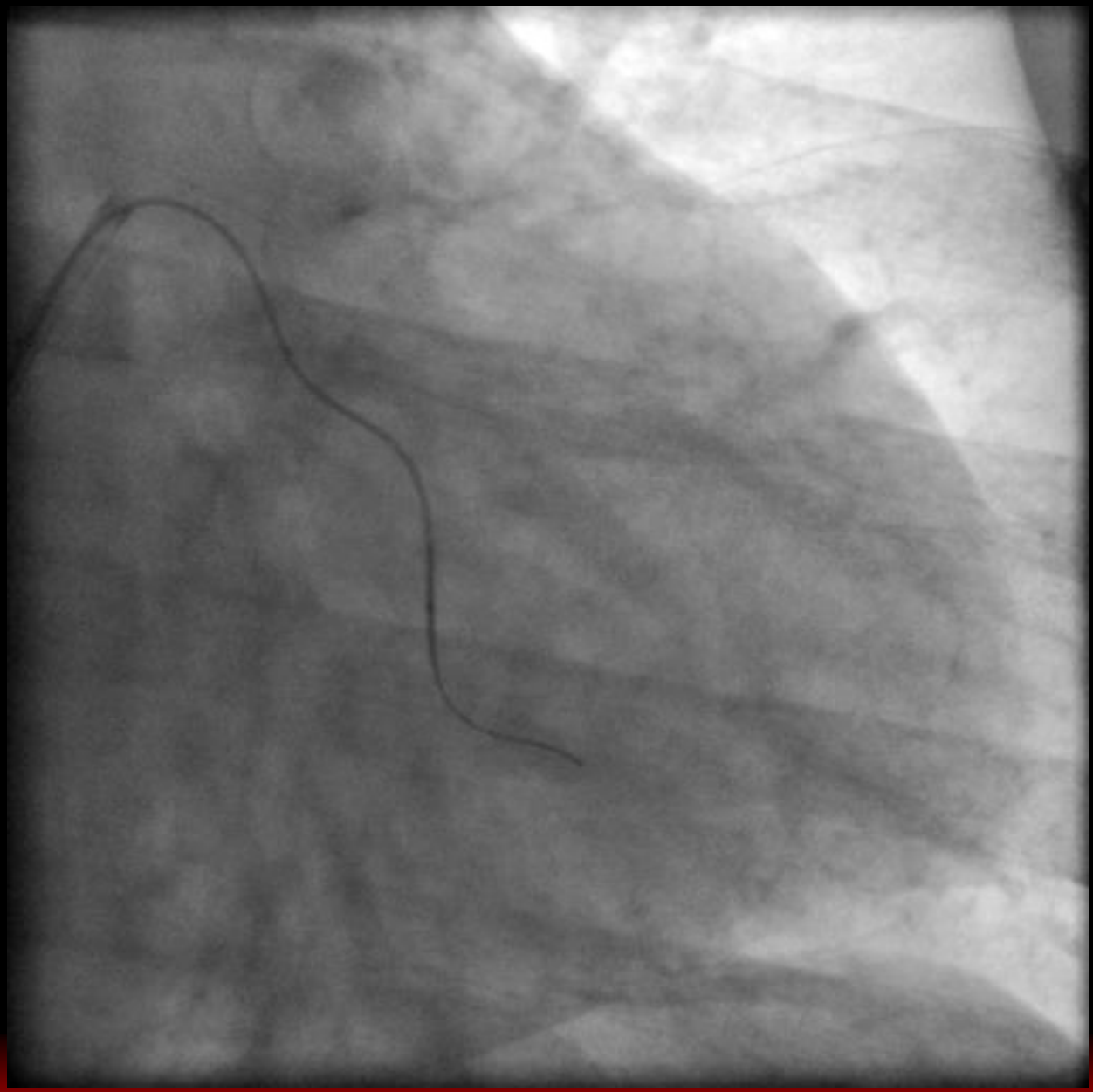
Significance of Using Crusade

- √ Enable Crossing of GW into Complex Side Branch
- √ Back-up Force
- √ Parallel Wire Technique
- √ Reverse Wire Technique

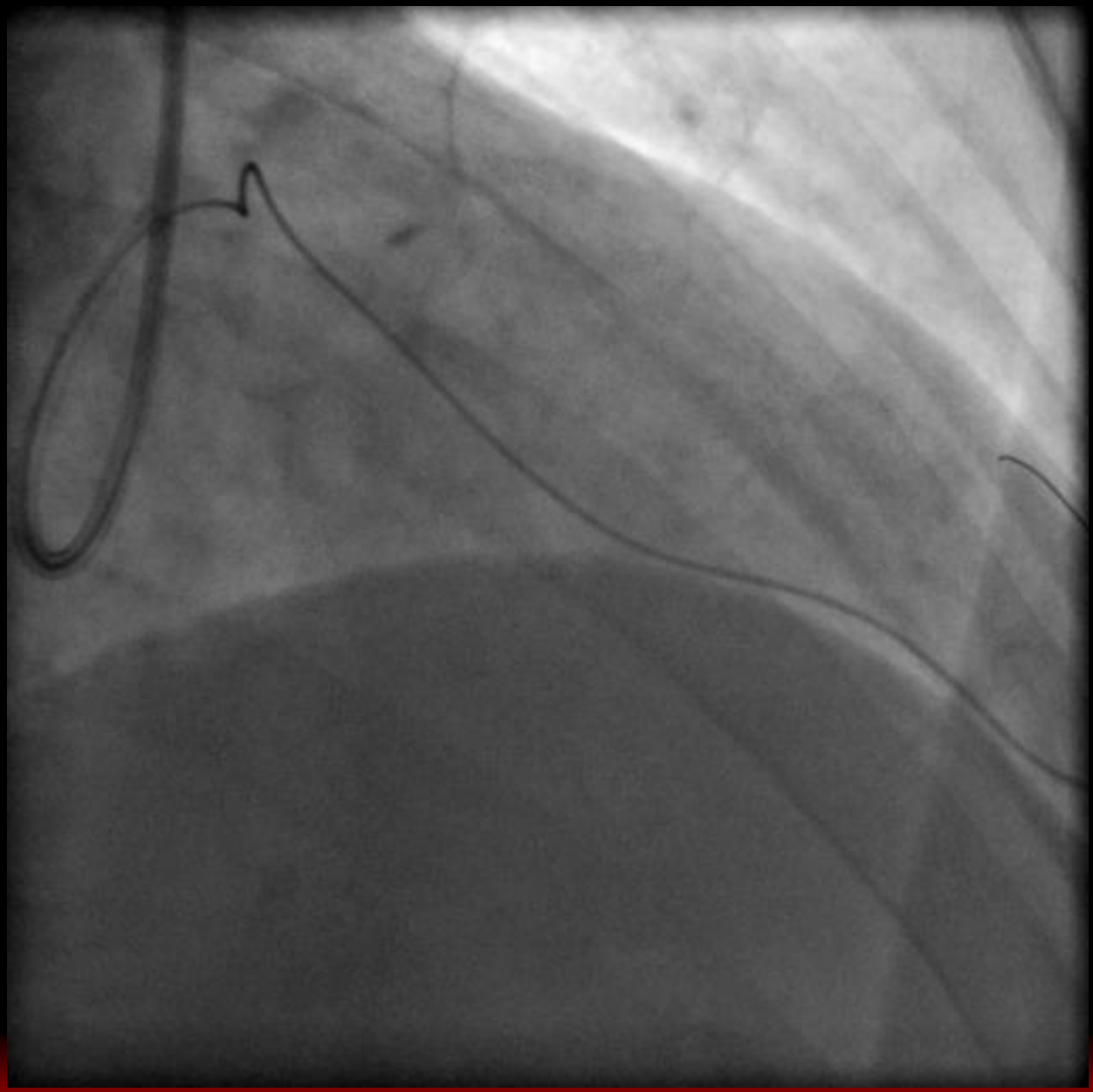
Case



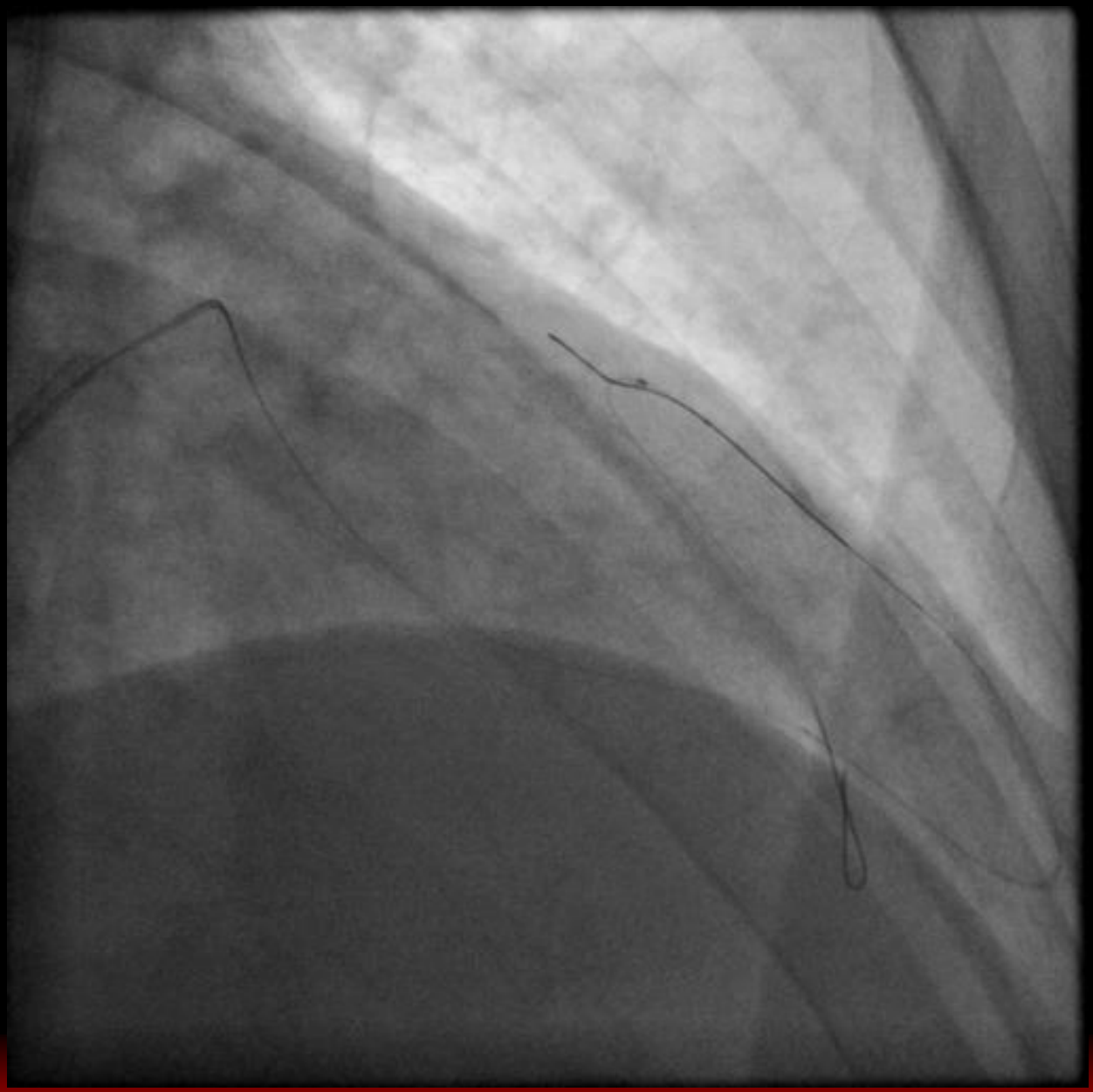
Retrograde Approach



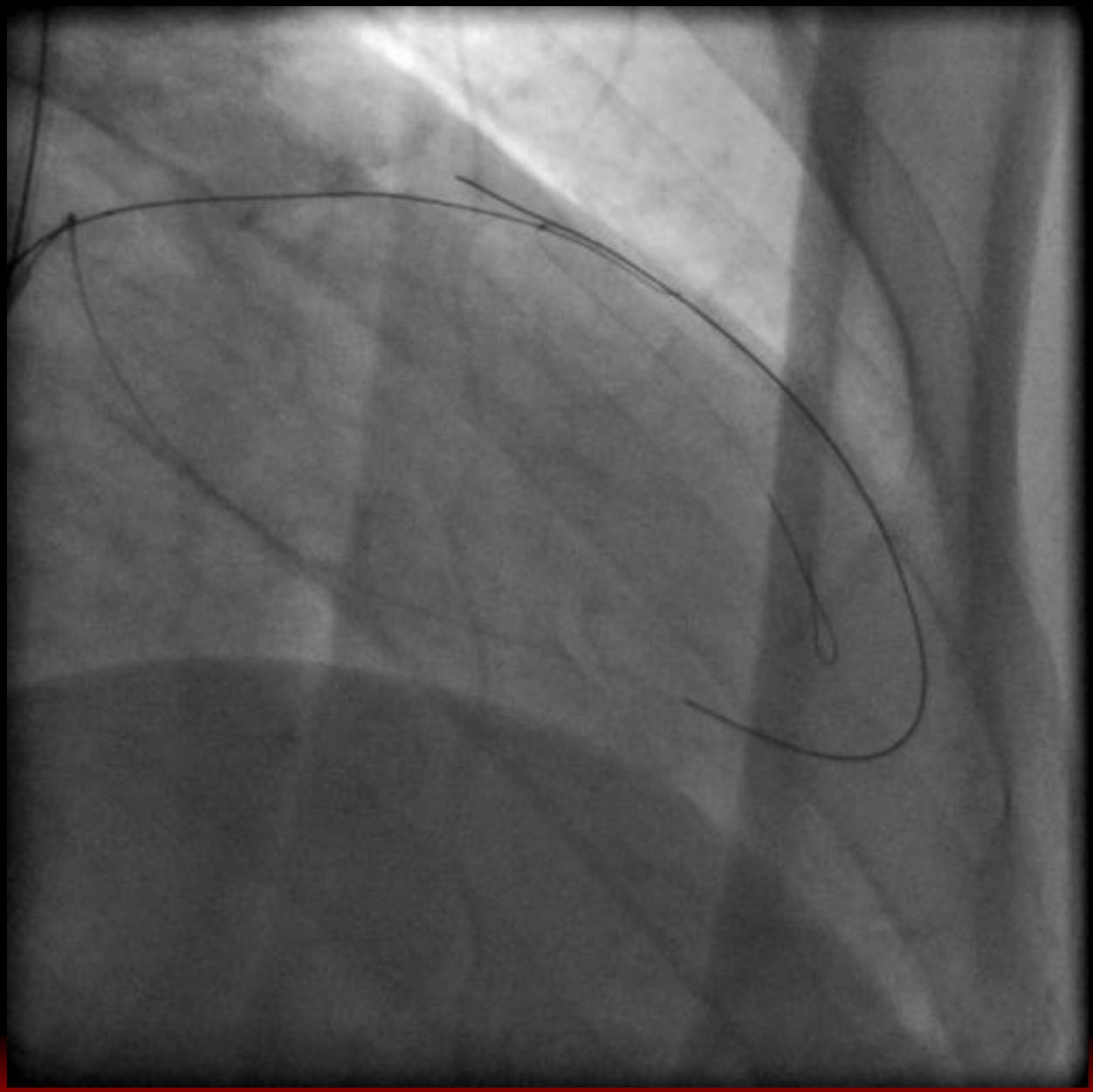
Retrograde Approach



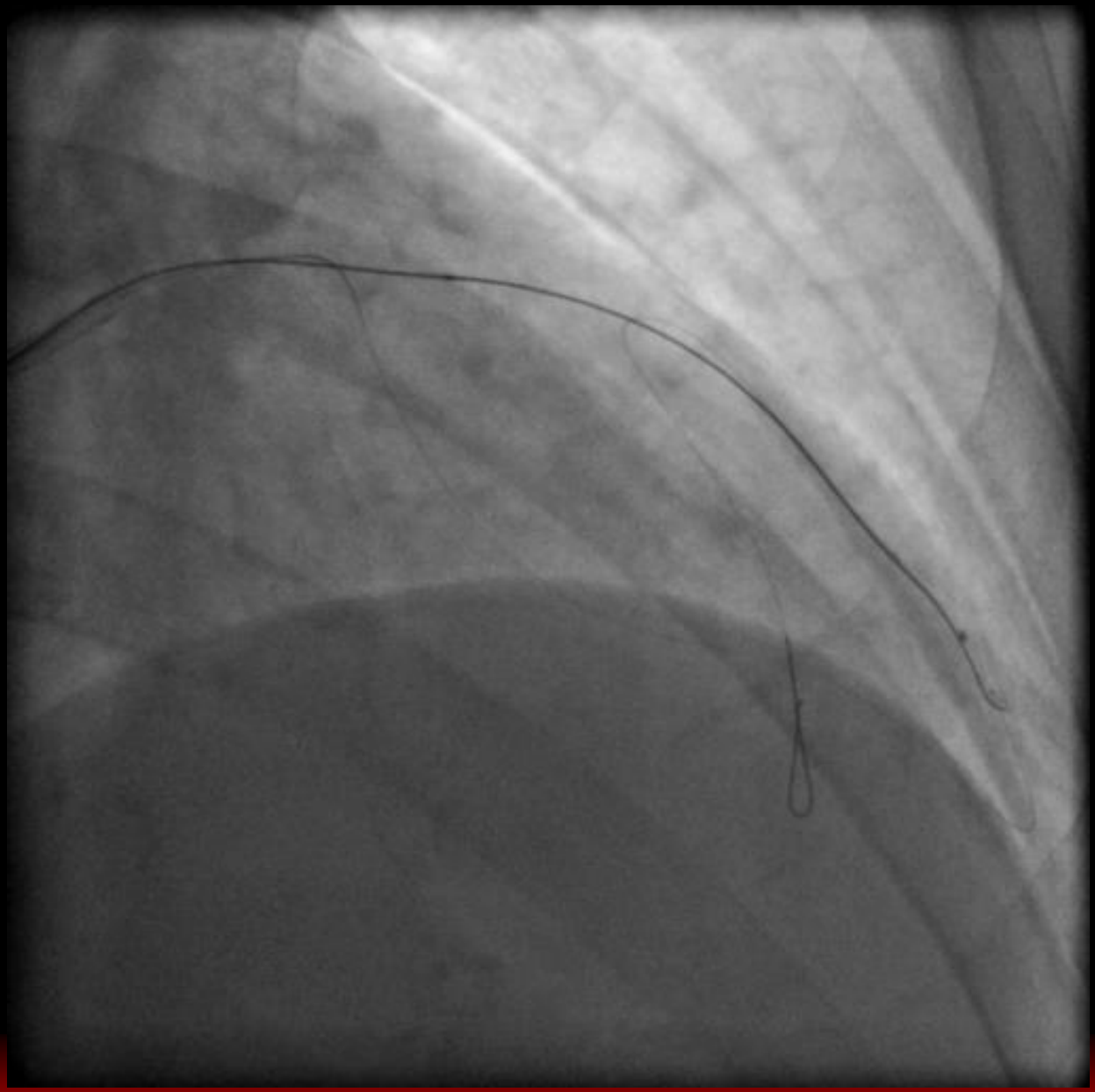
Crusade



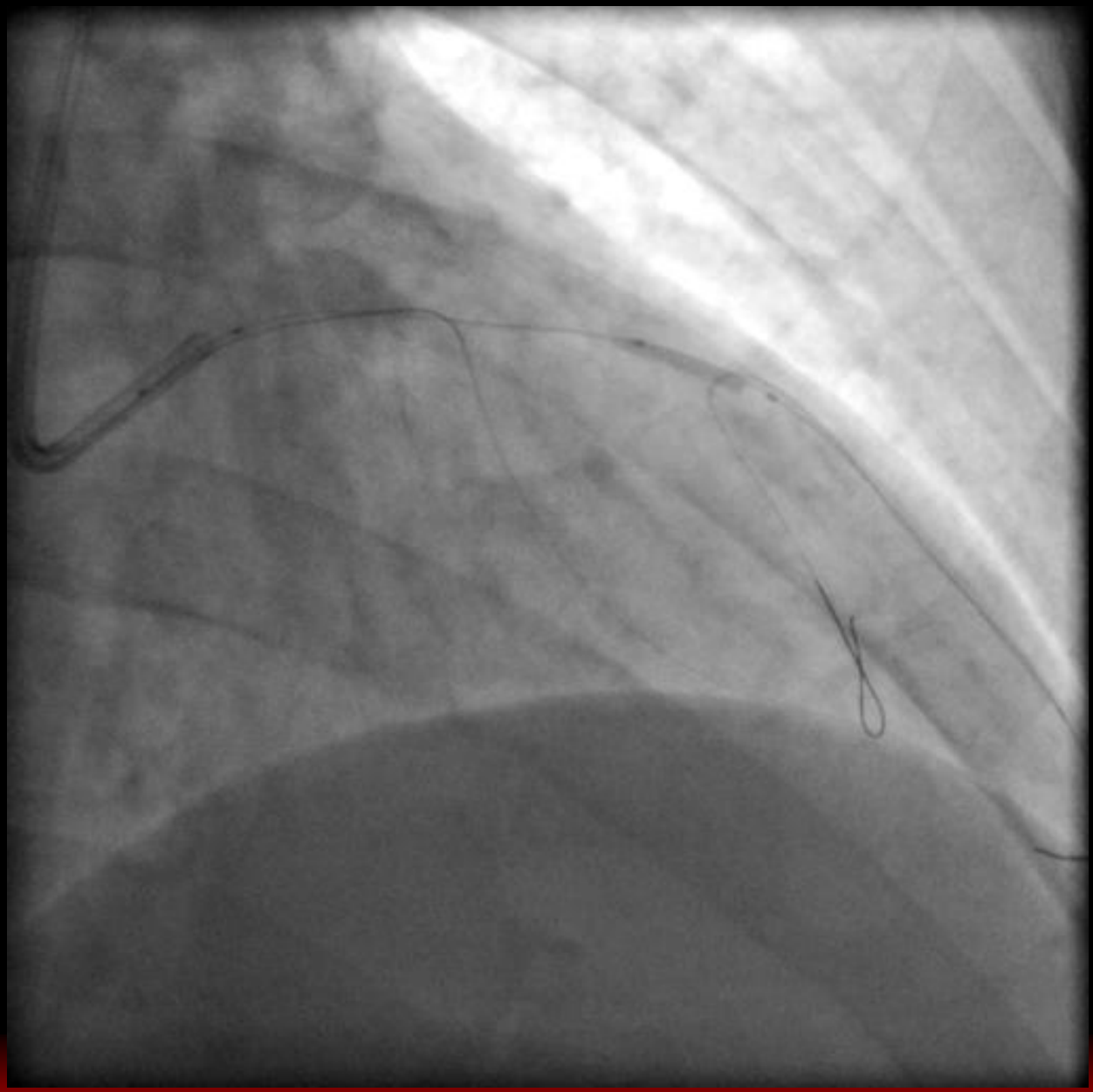
Antegrade Wiring



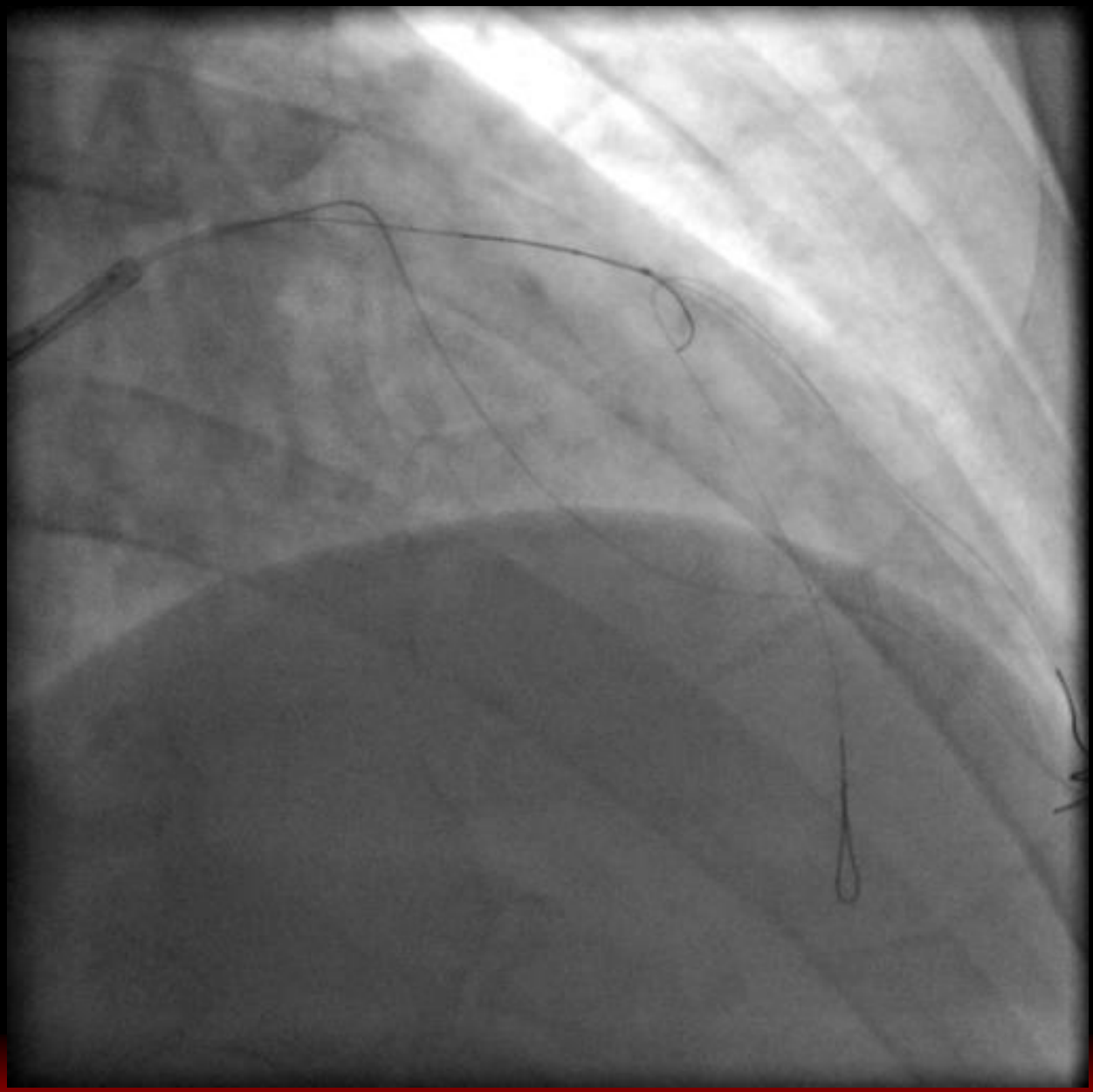
Contrast Infusion through Crusade



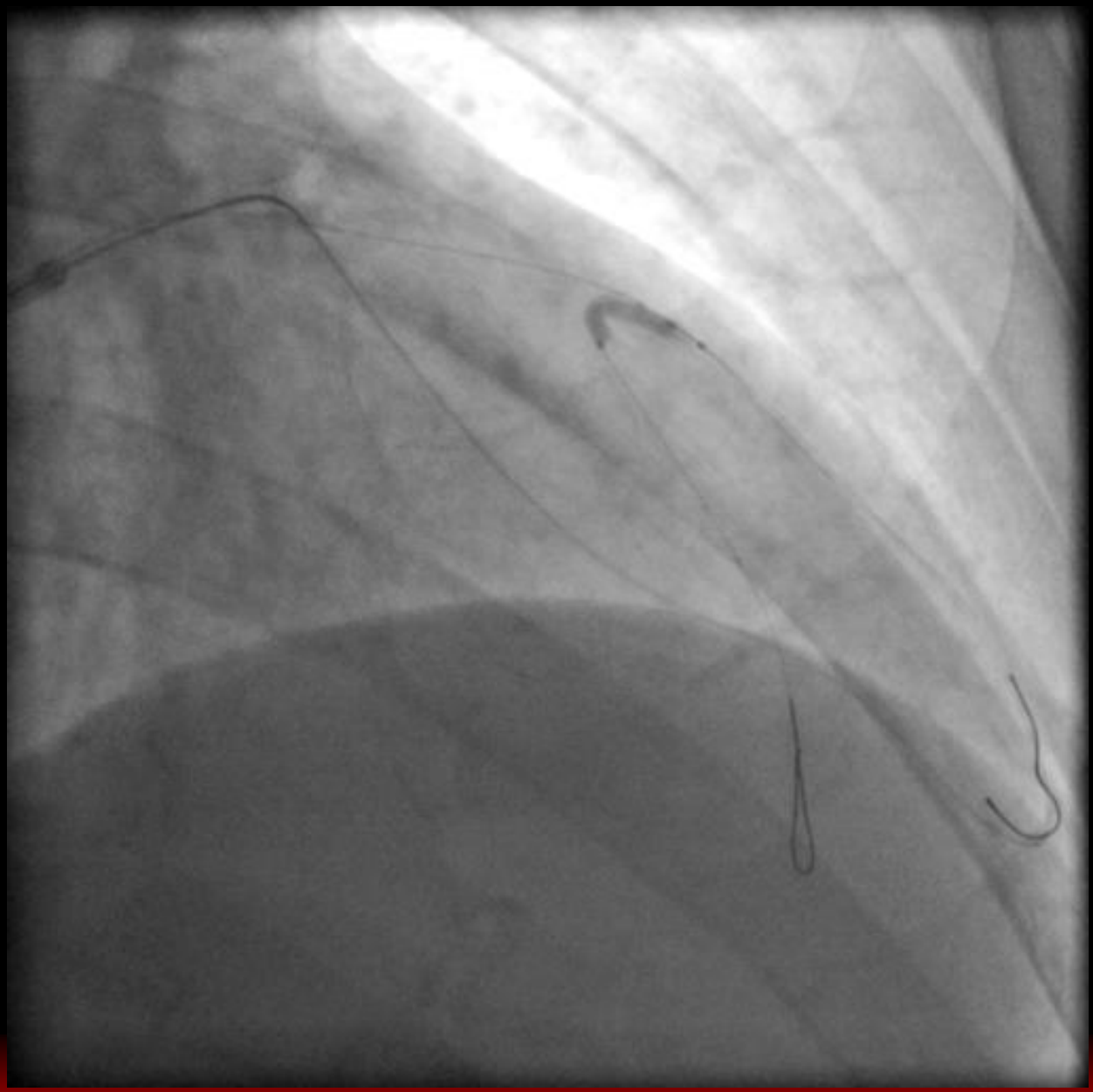
Balloon



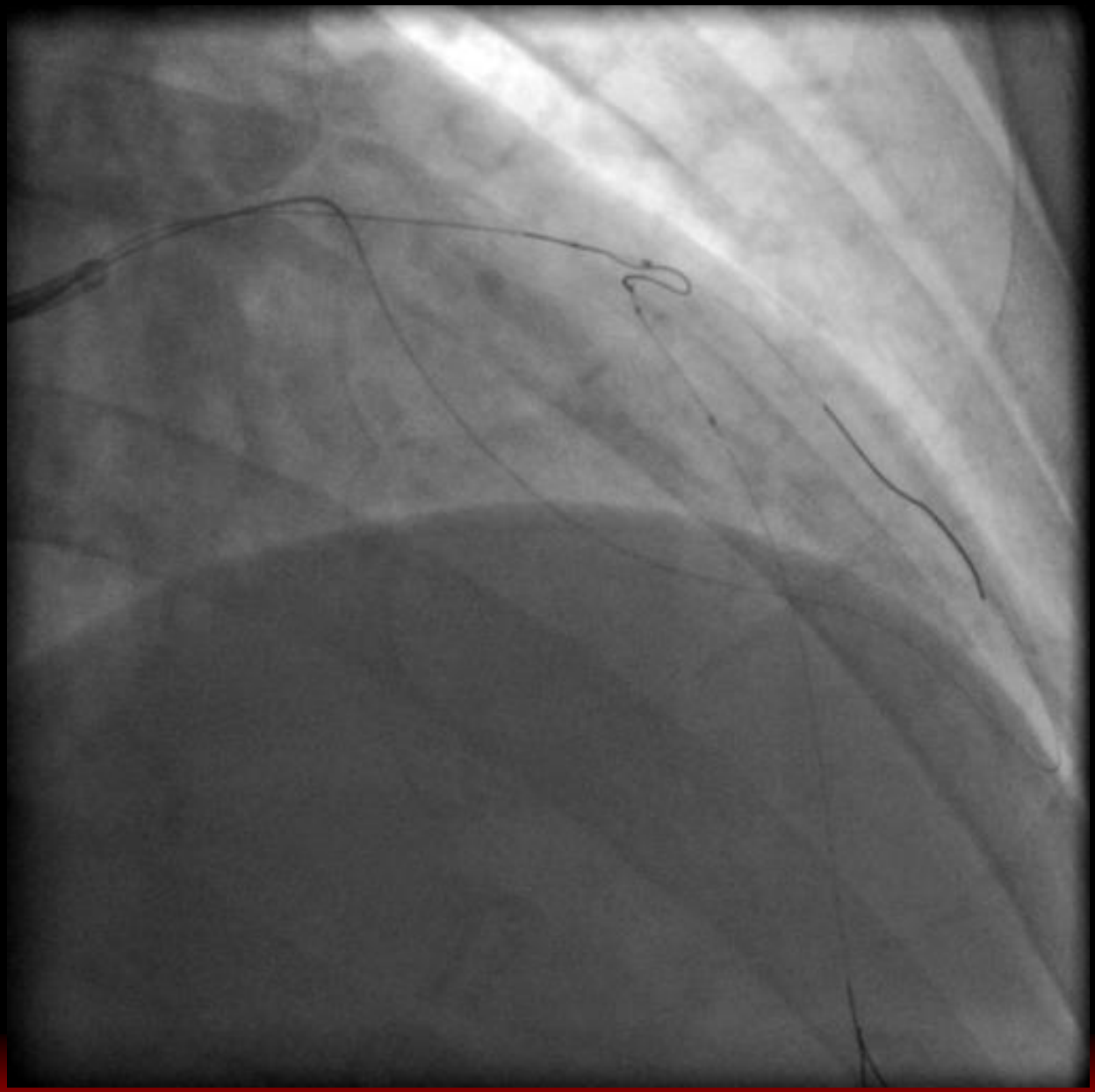
Wiring to LAD



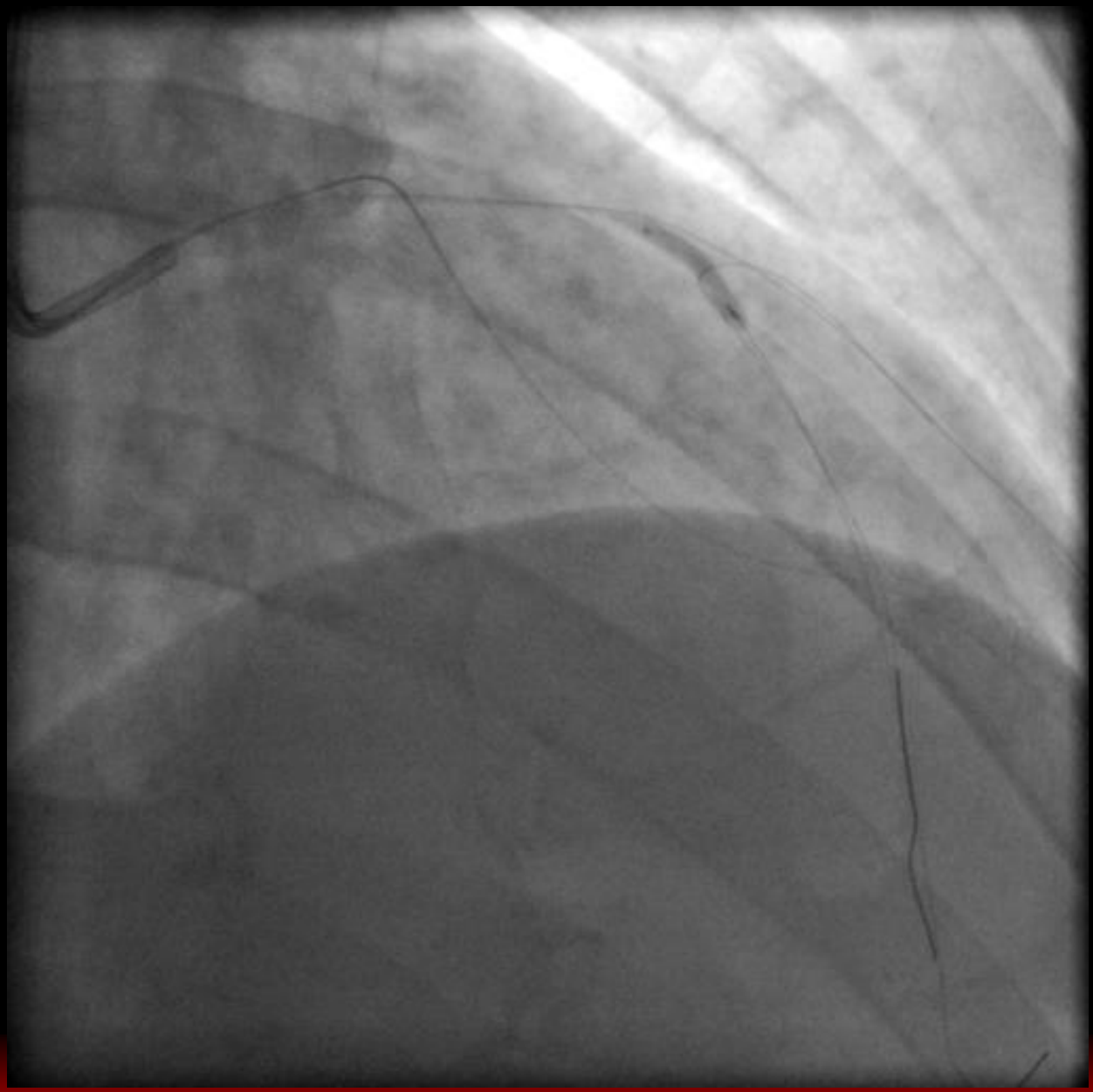
Balloon



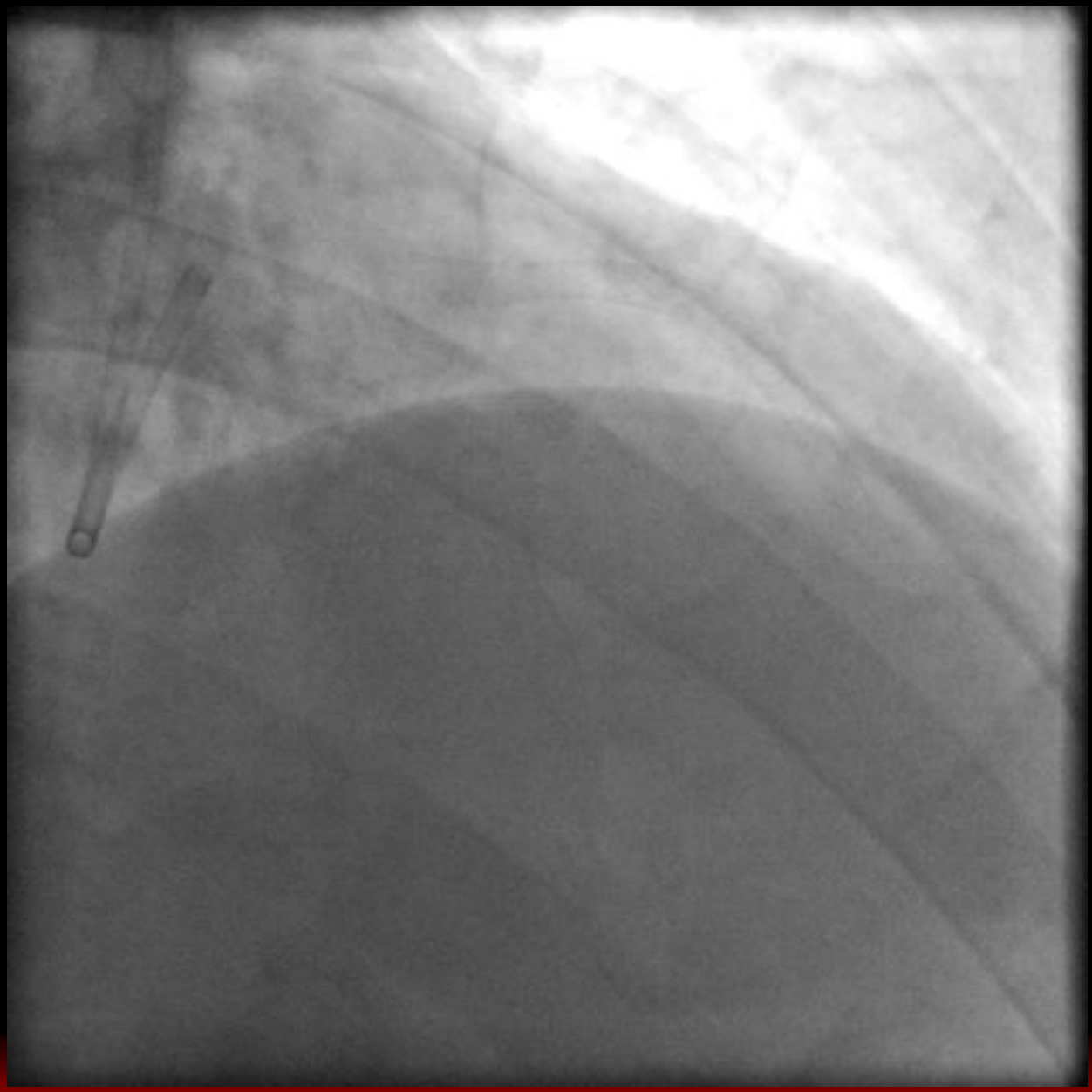
Reverse Wire Technique



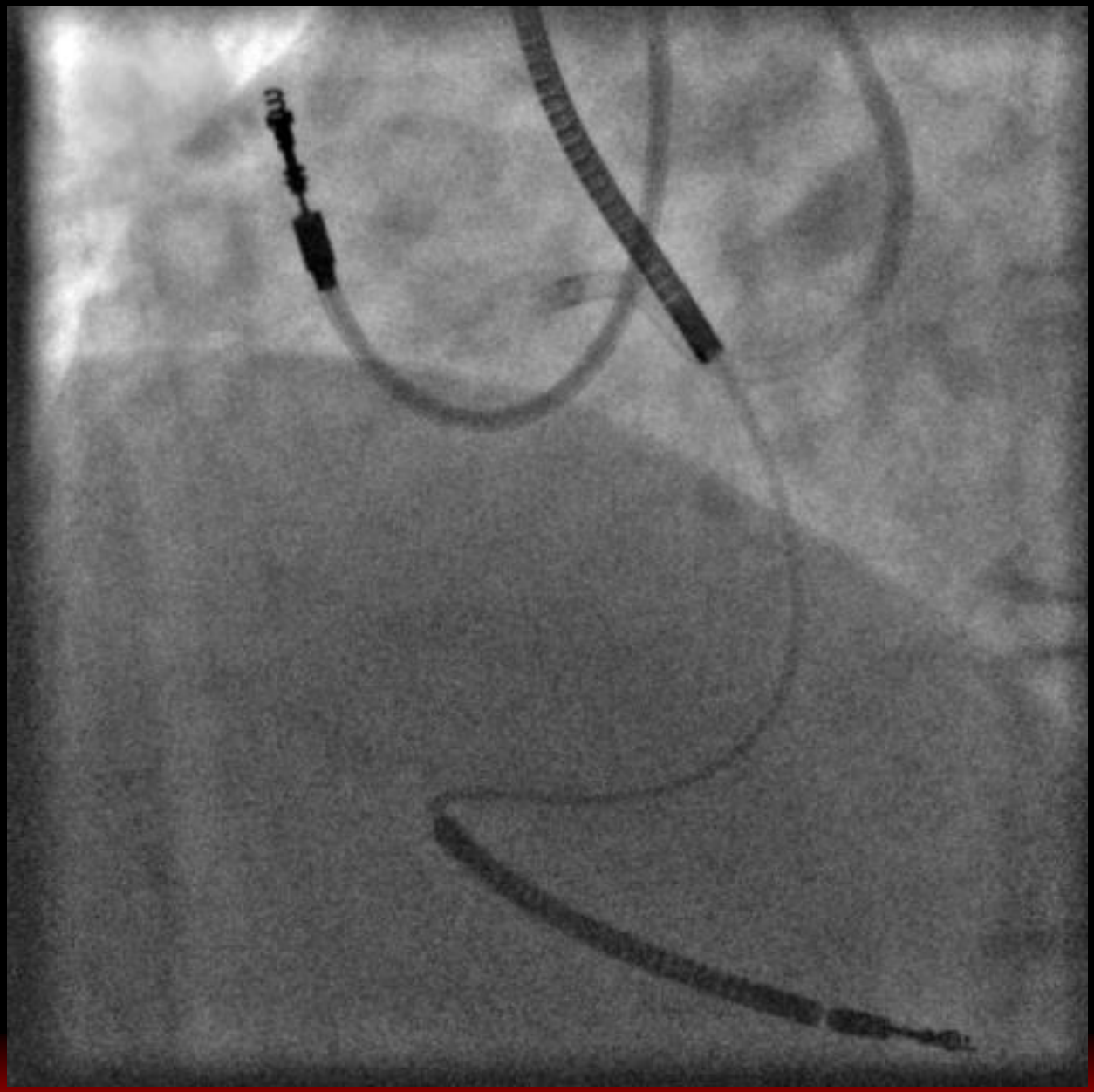
Balloon



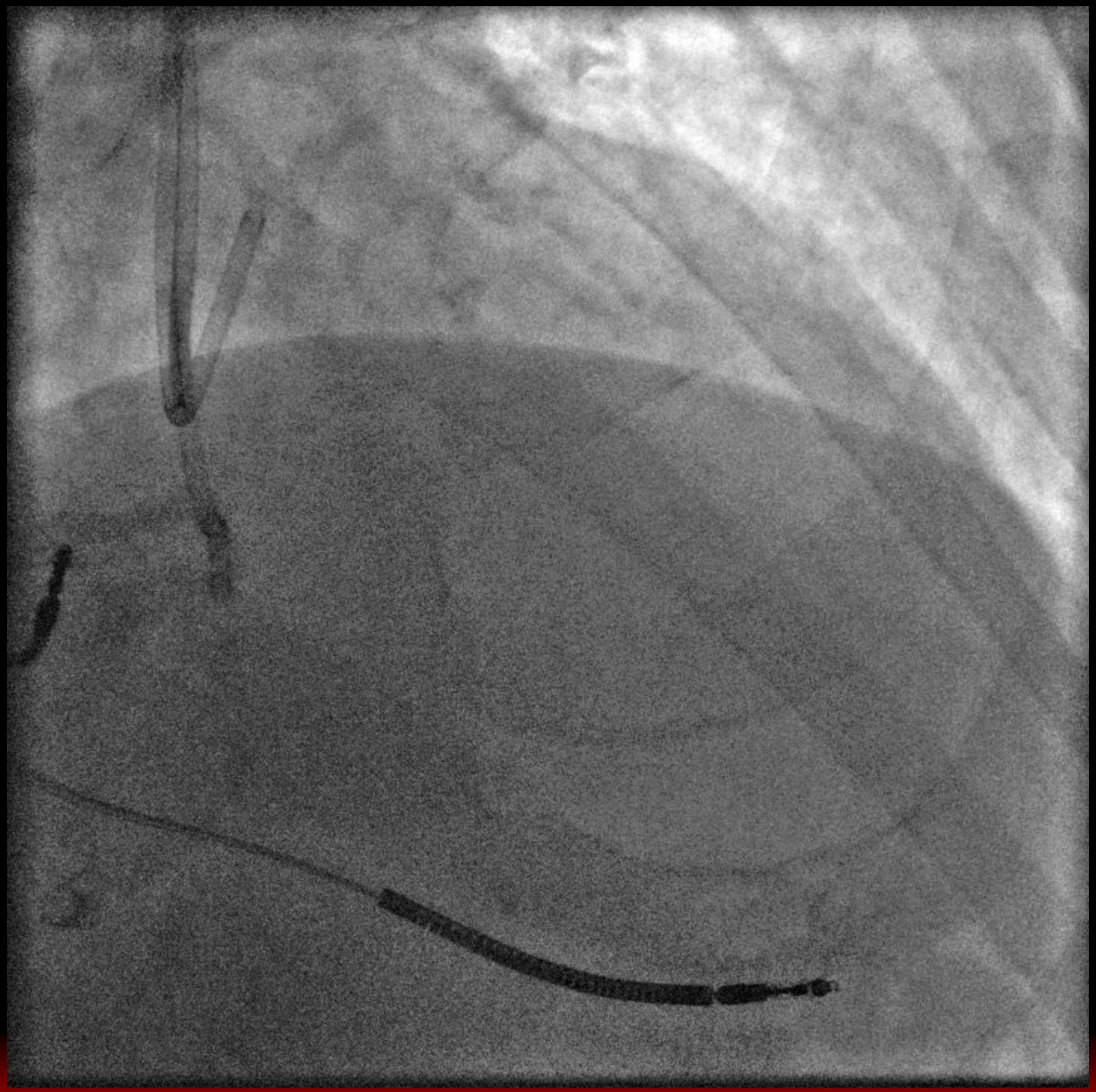
Final



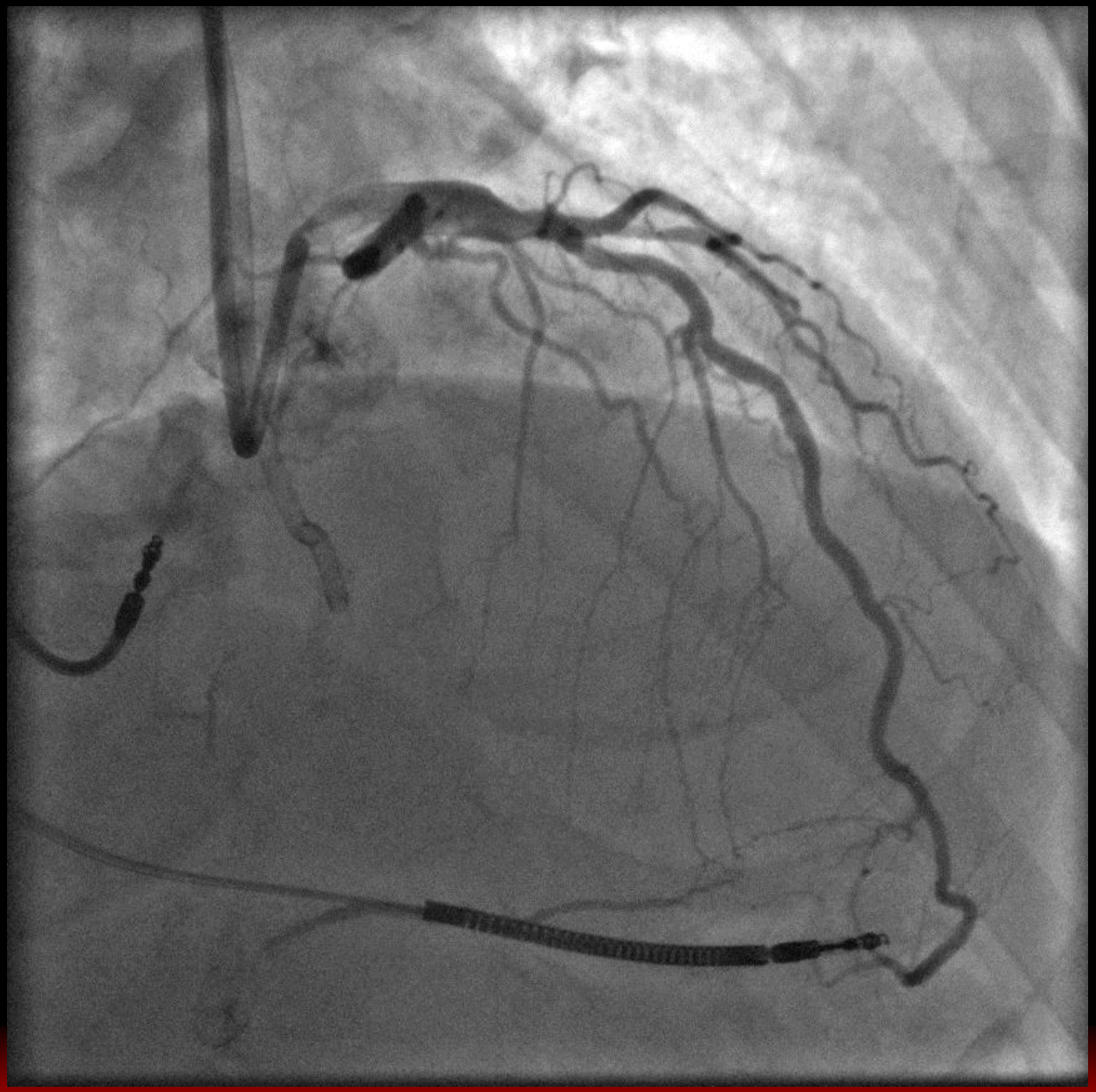
Case



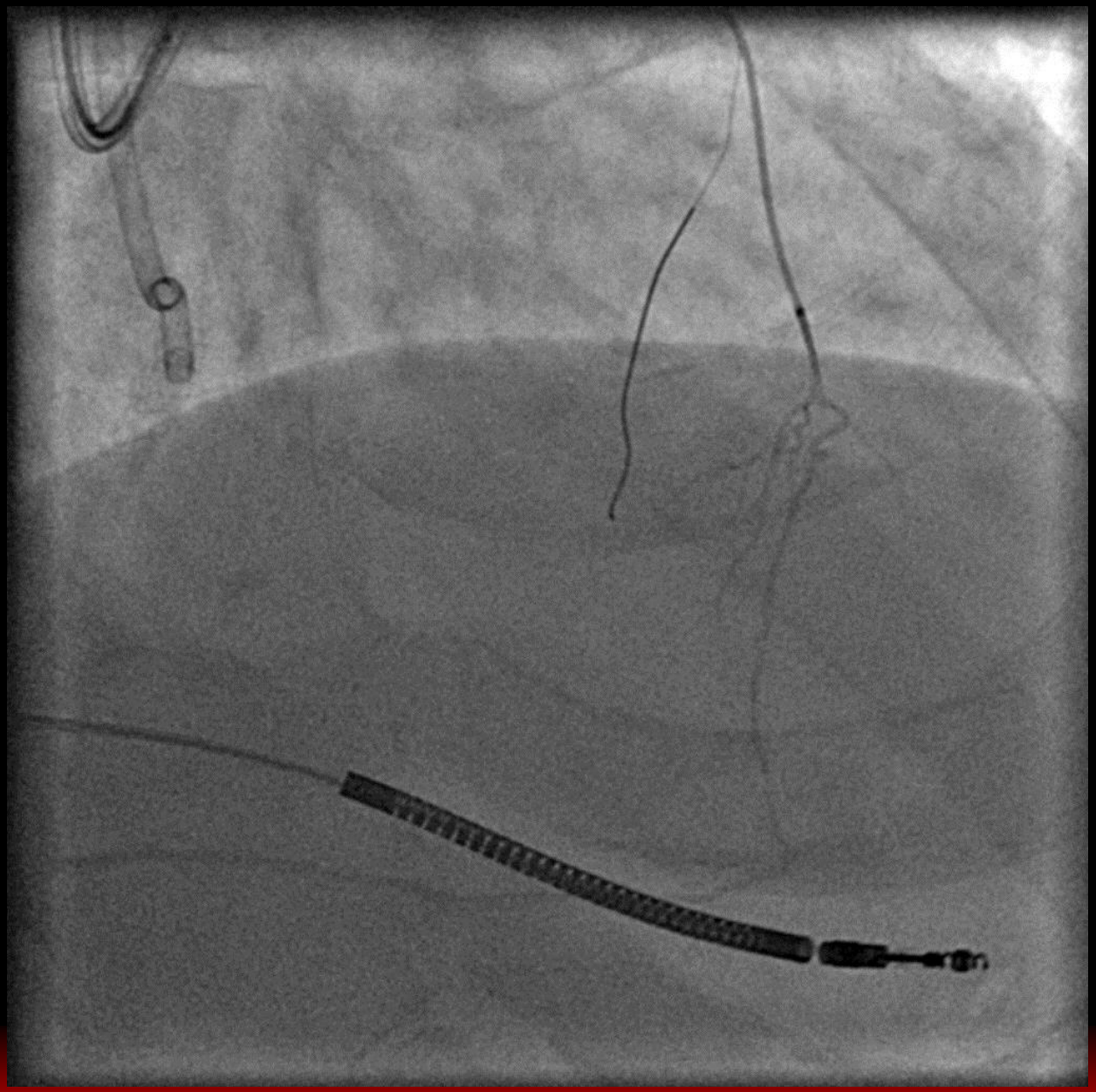
LCA



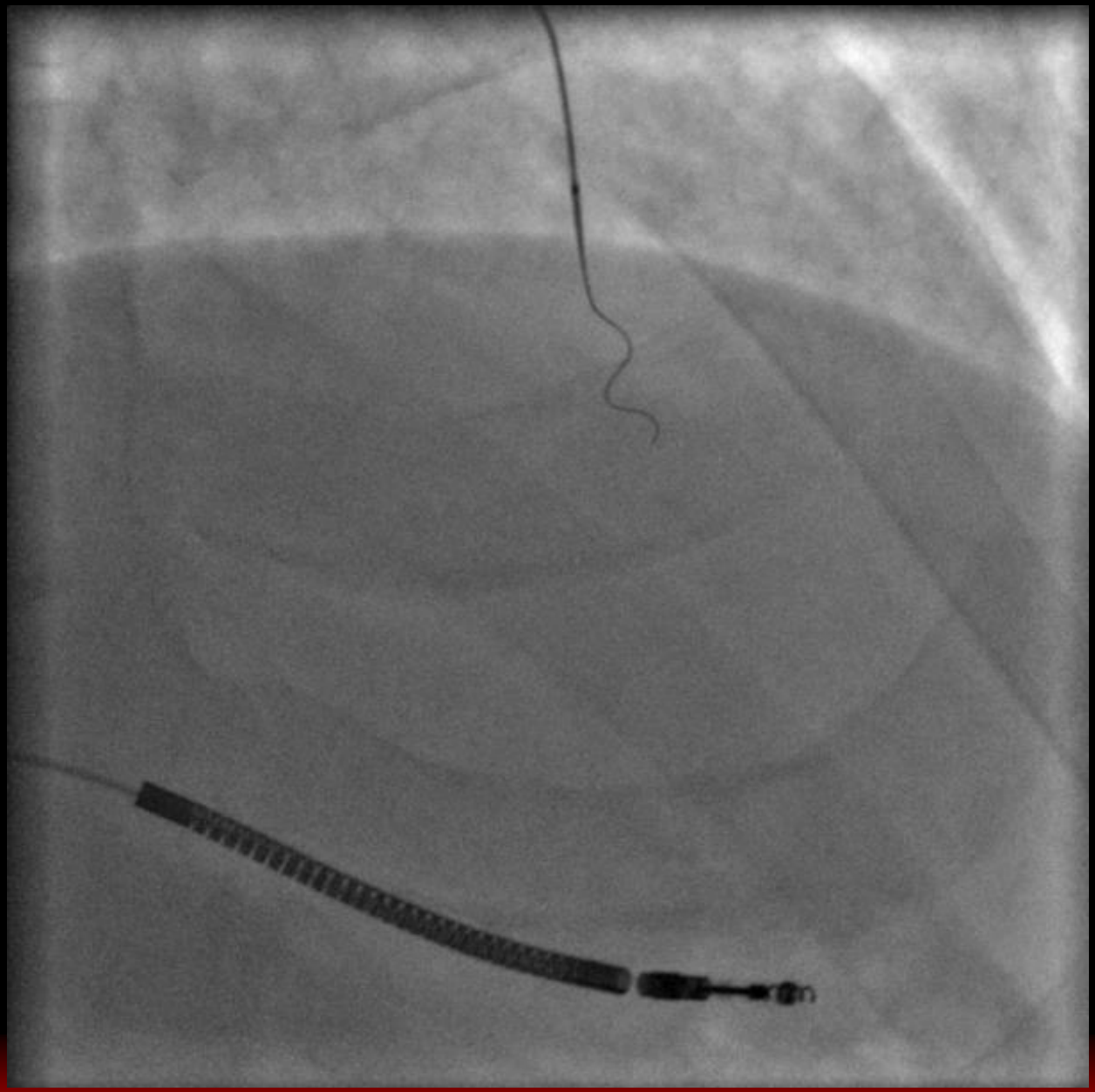
Septal



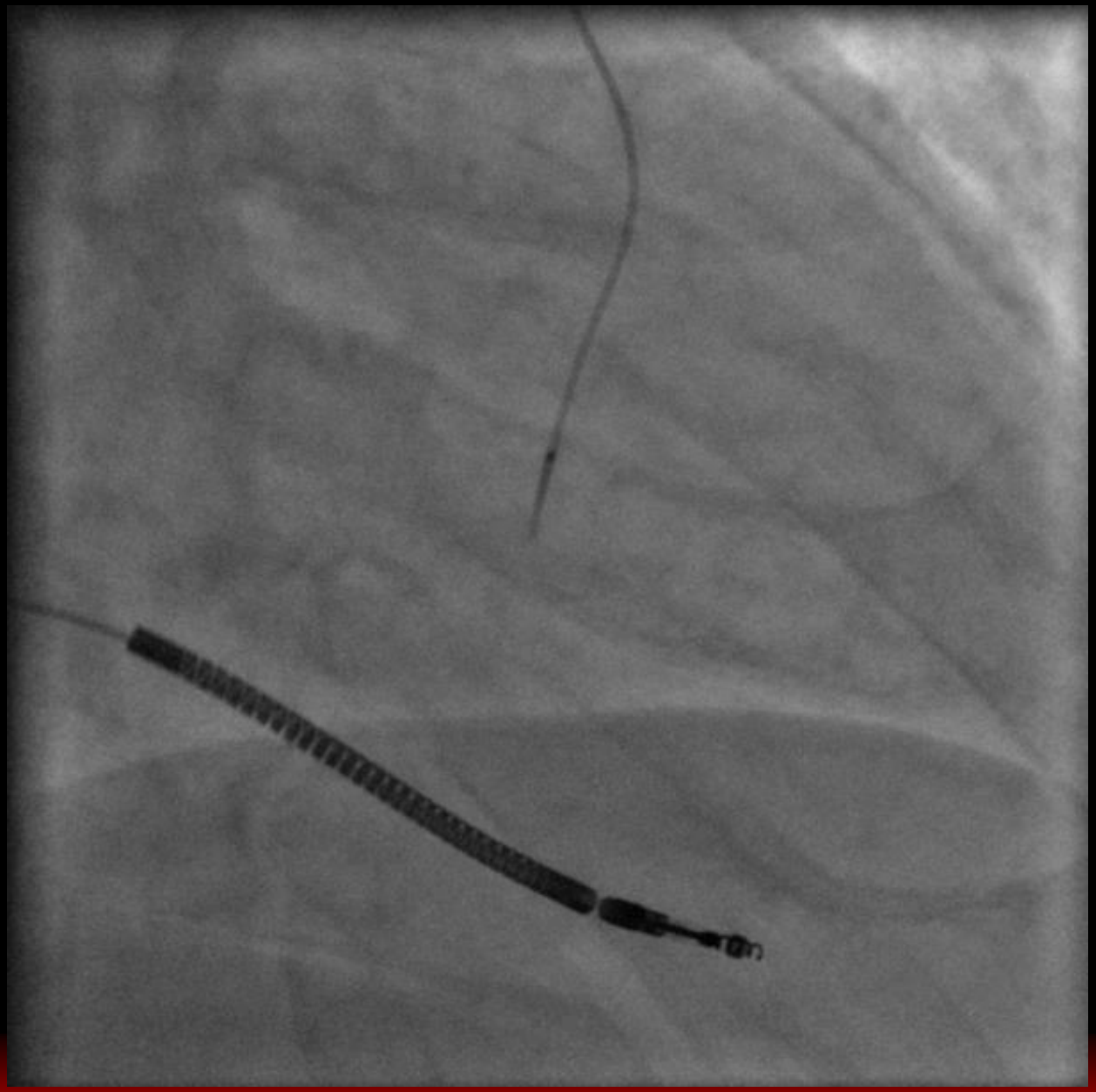
Septal



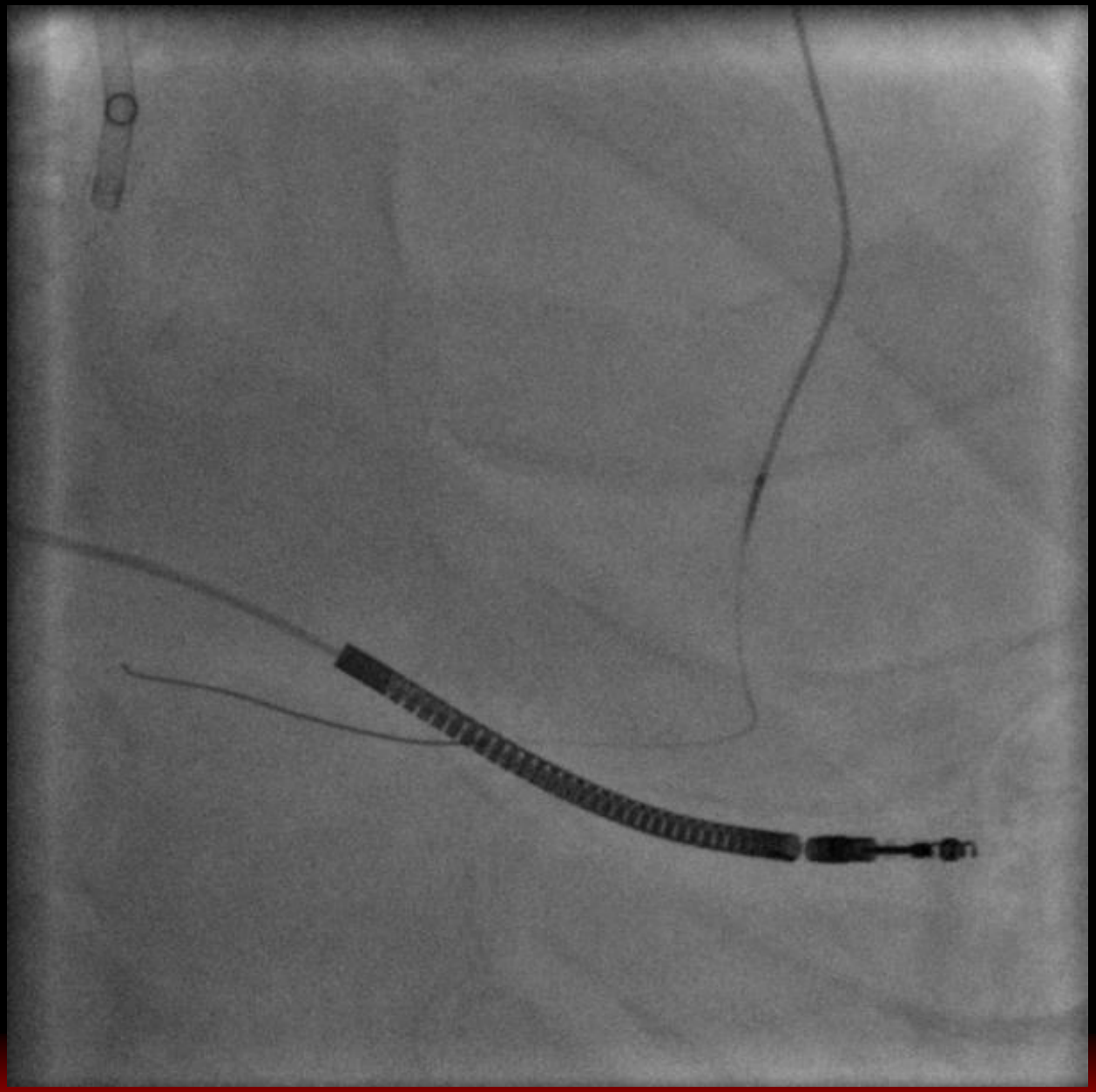
SION Black



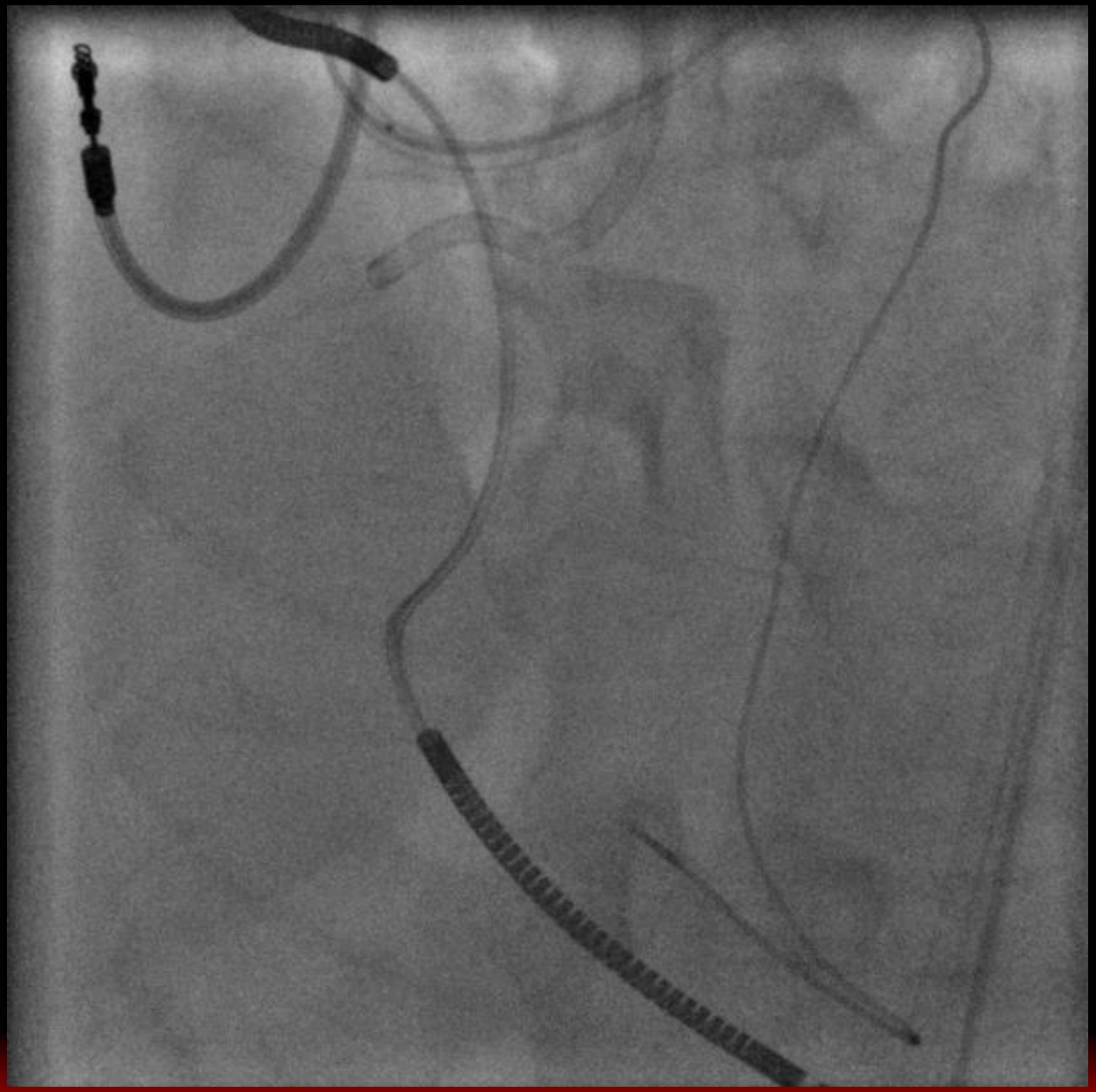
Corsair



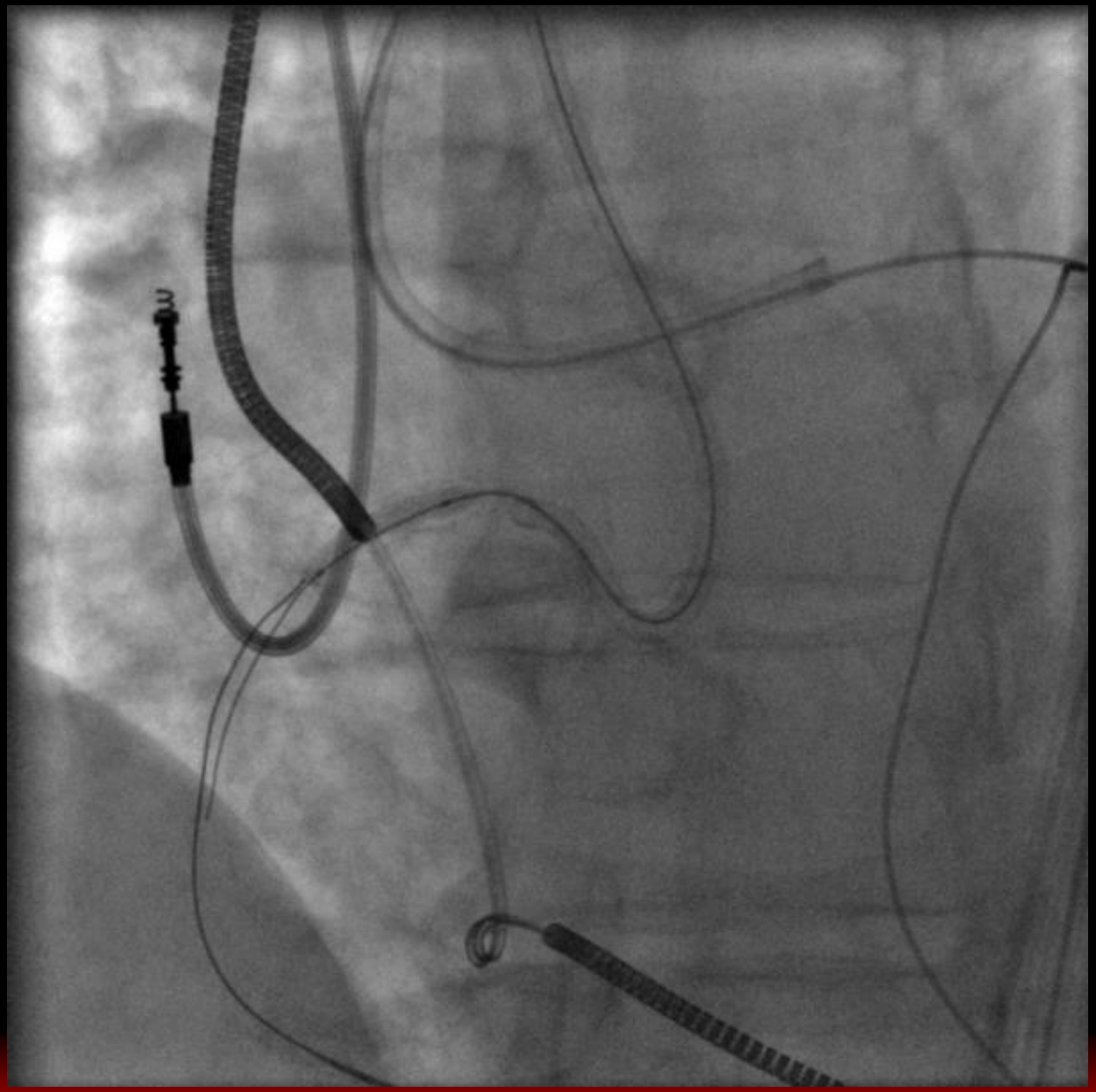
SION



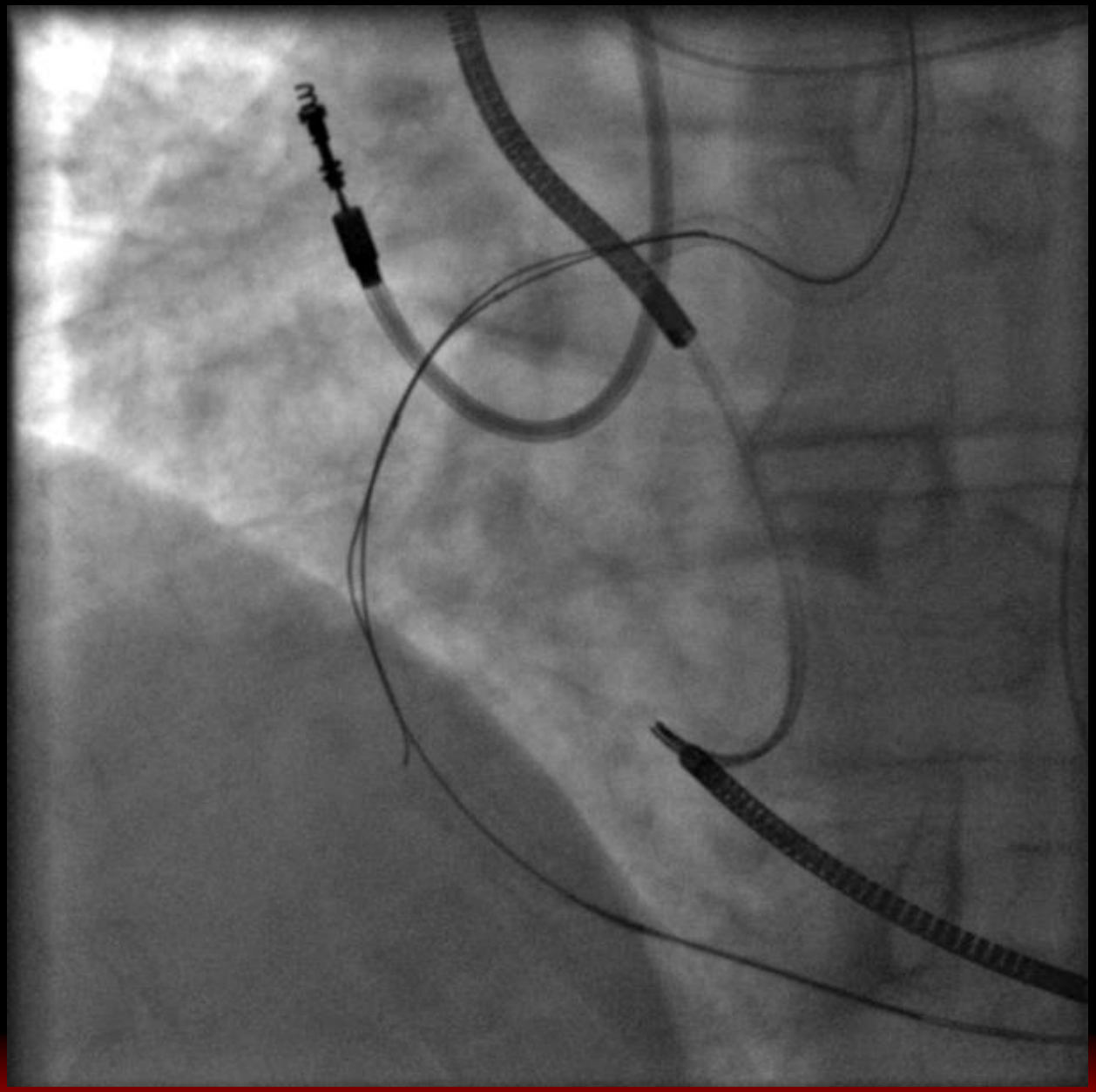
RCA



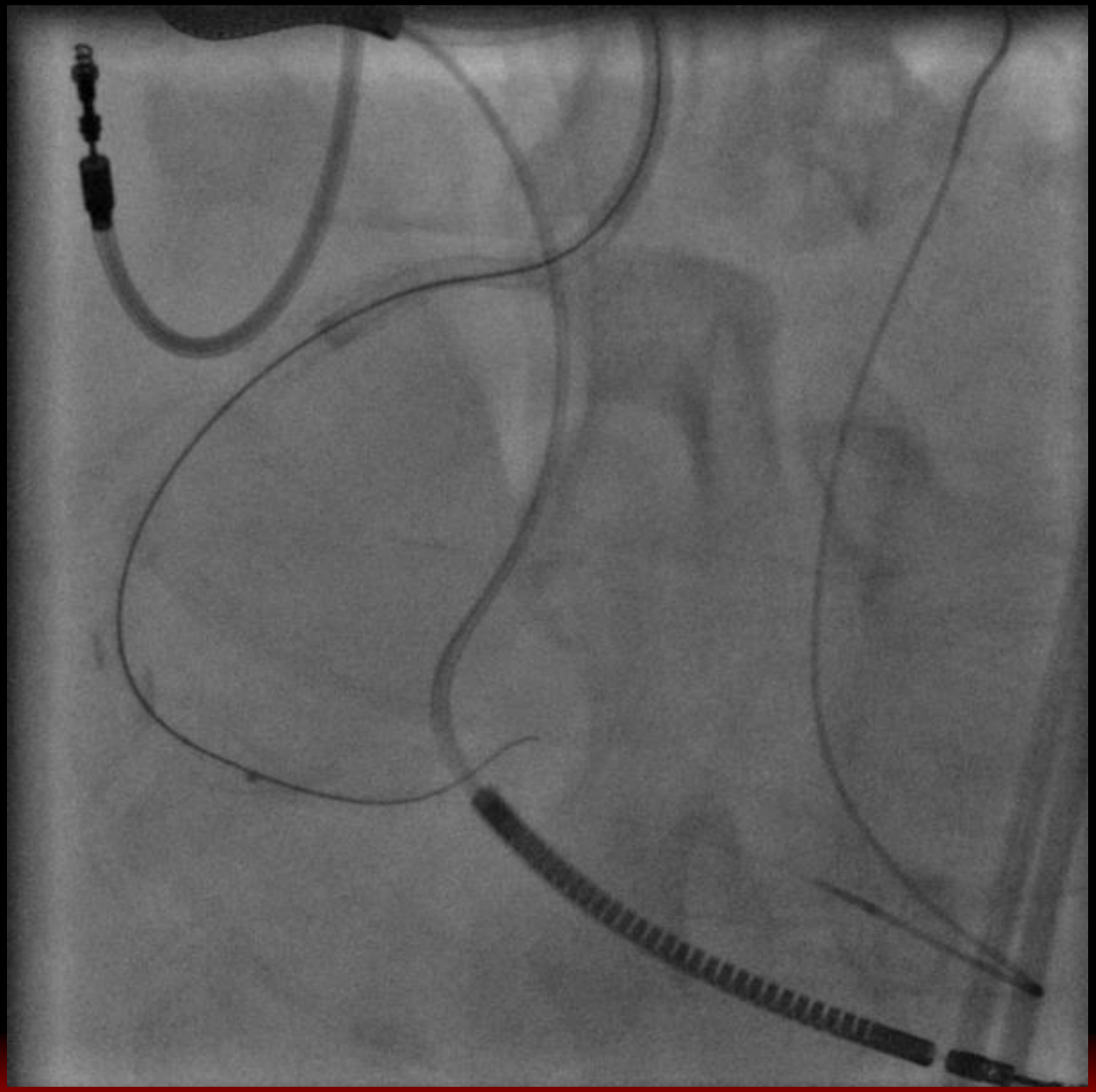
Reverse CART



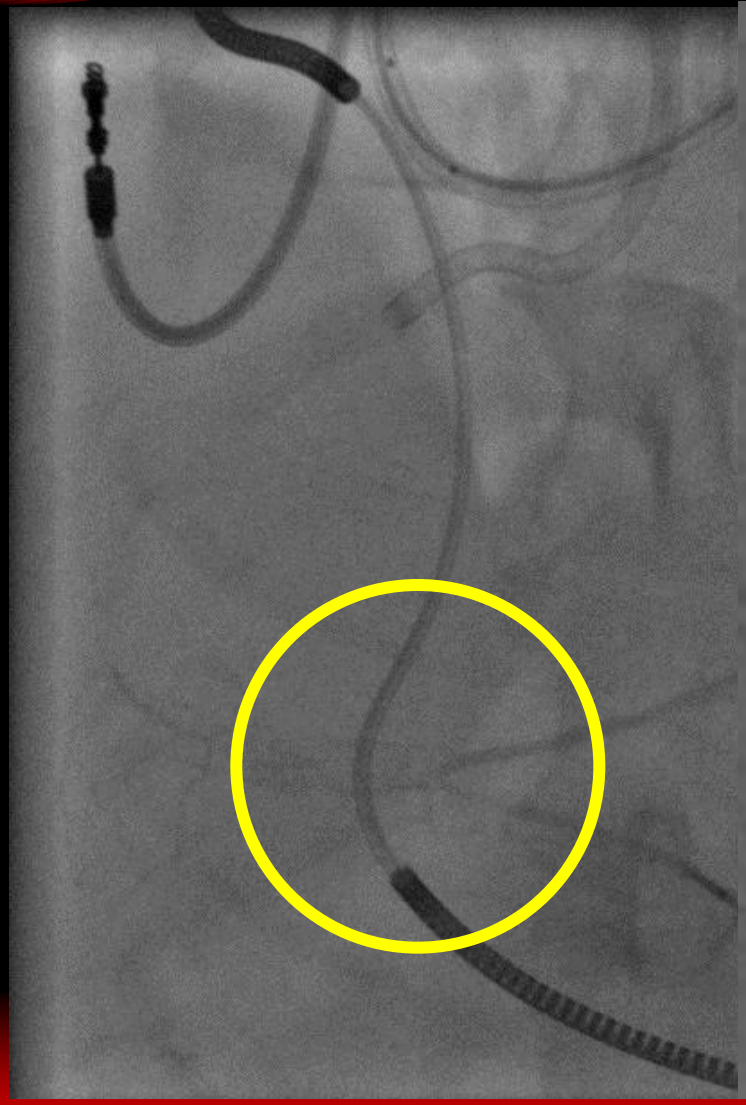
Successful Wiring

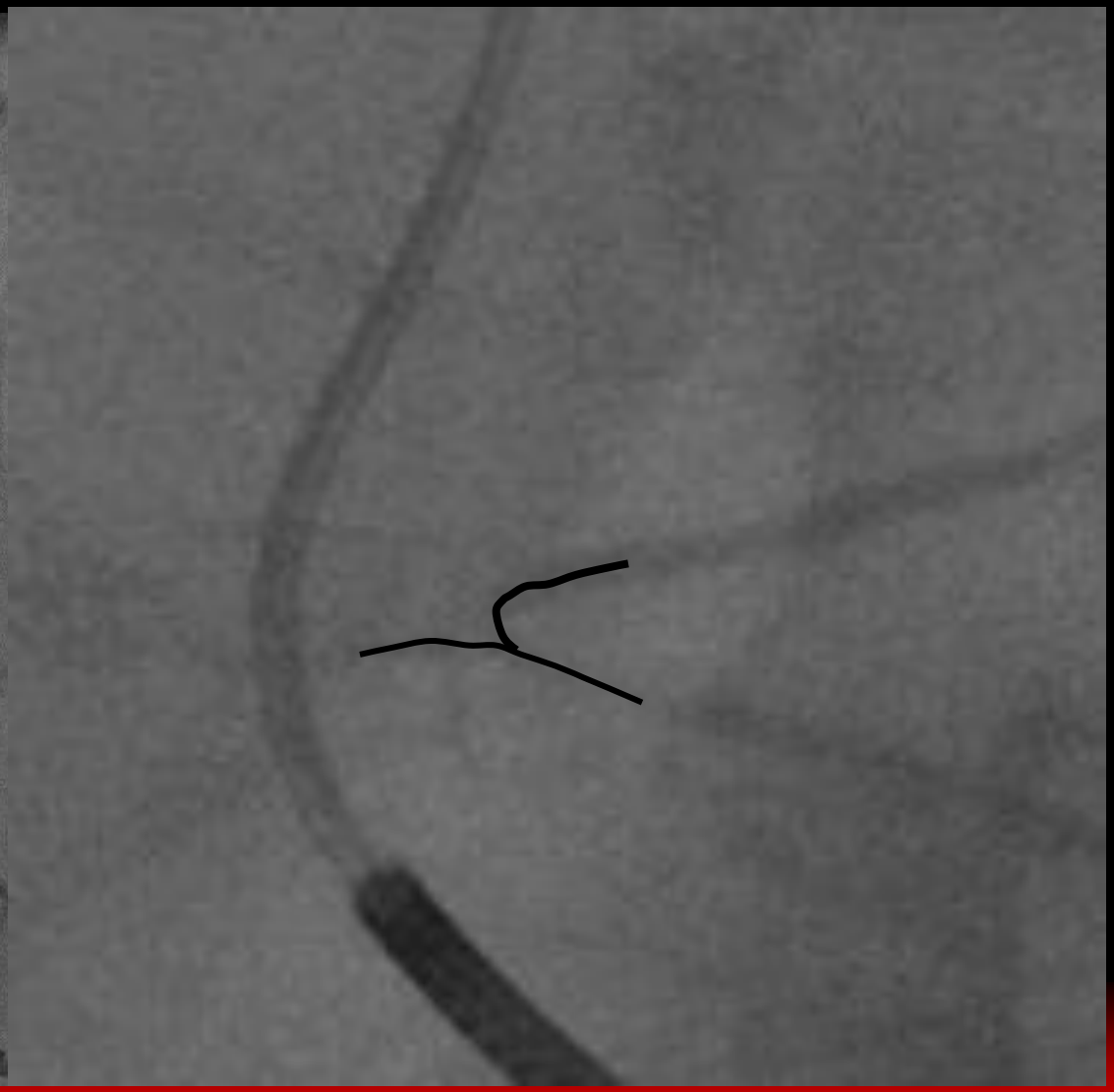


PL Branch

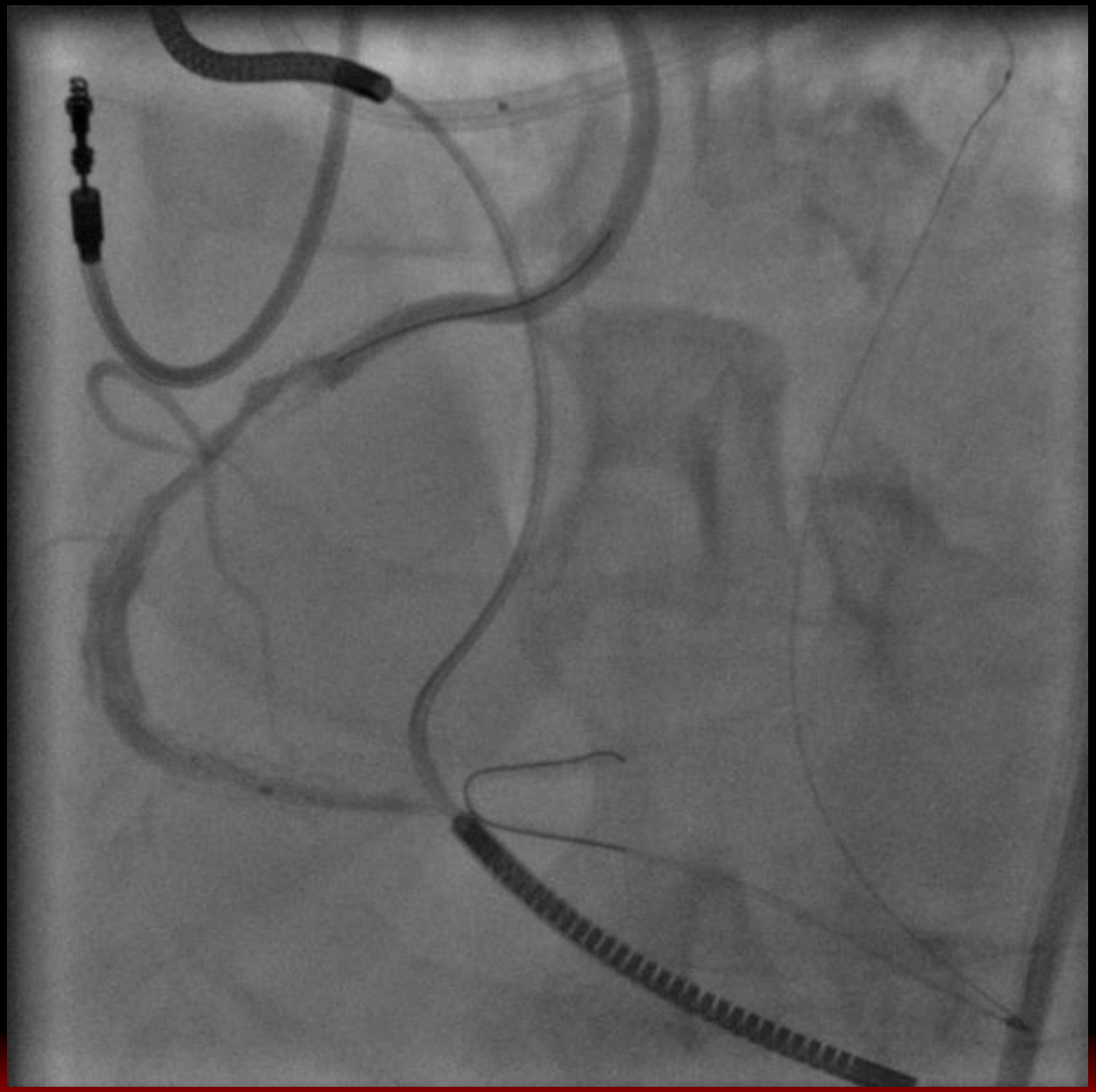


RCA

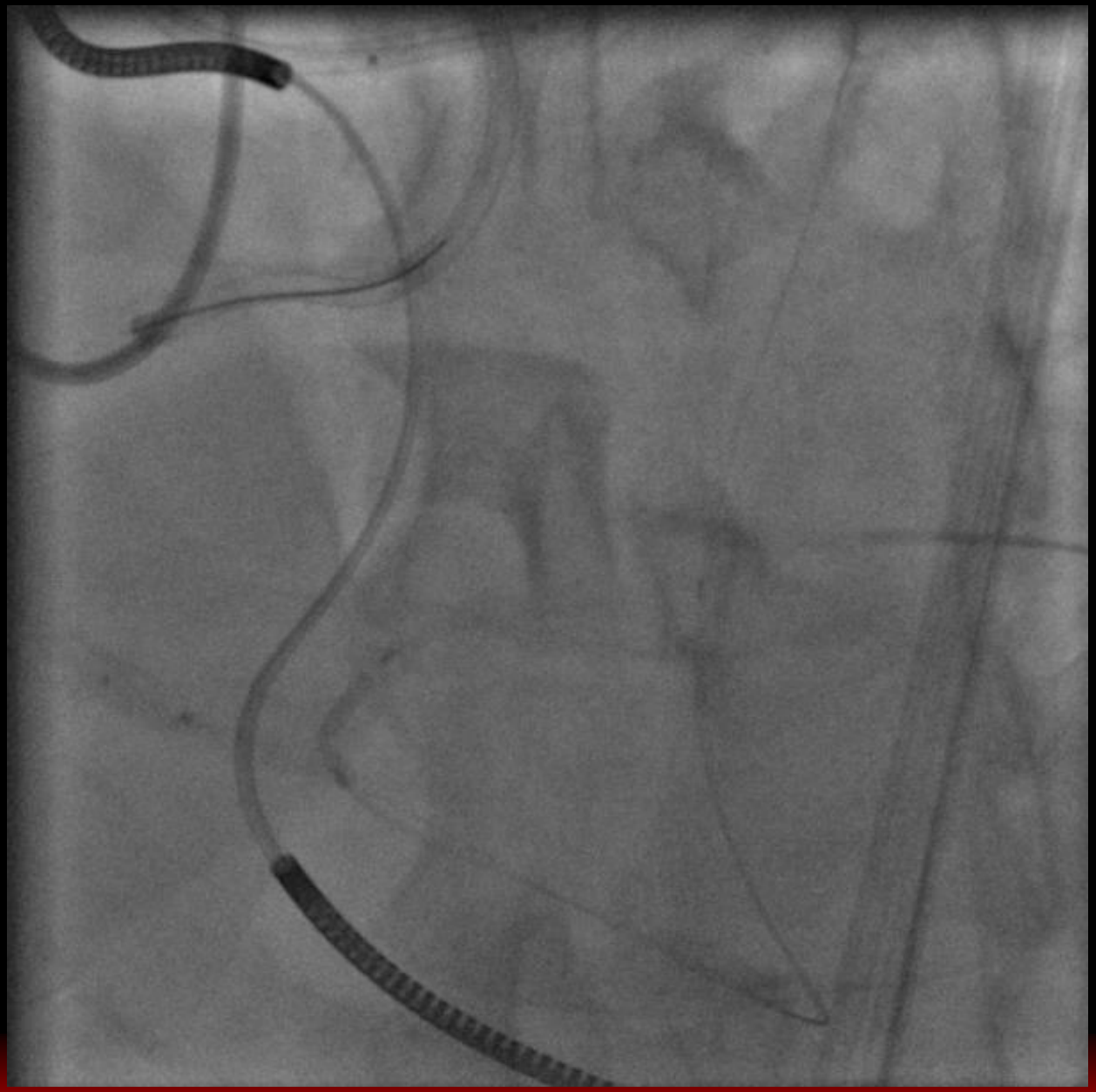




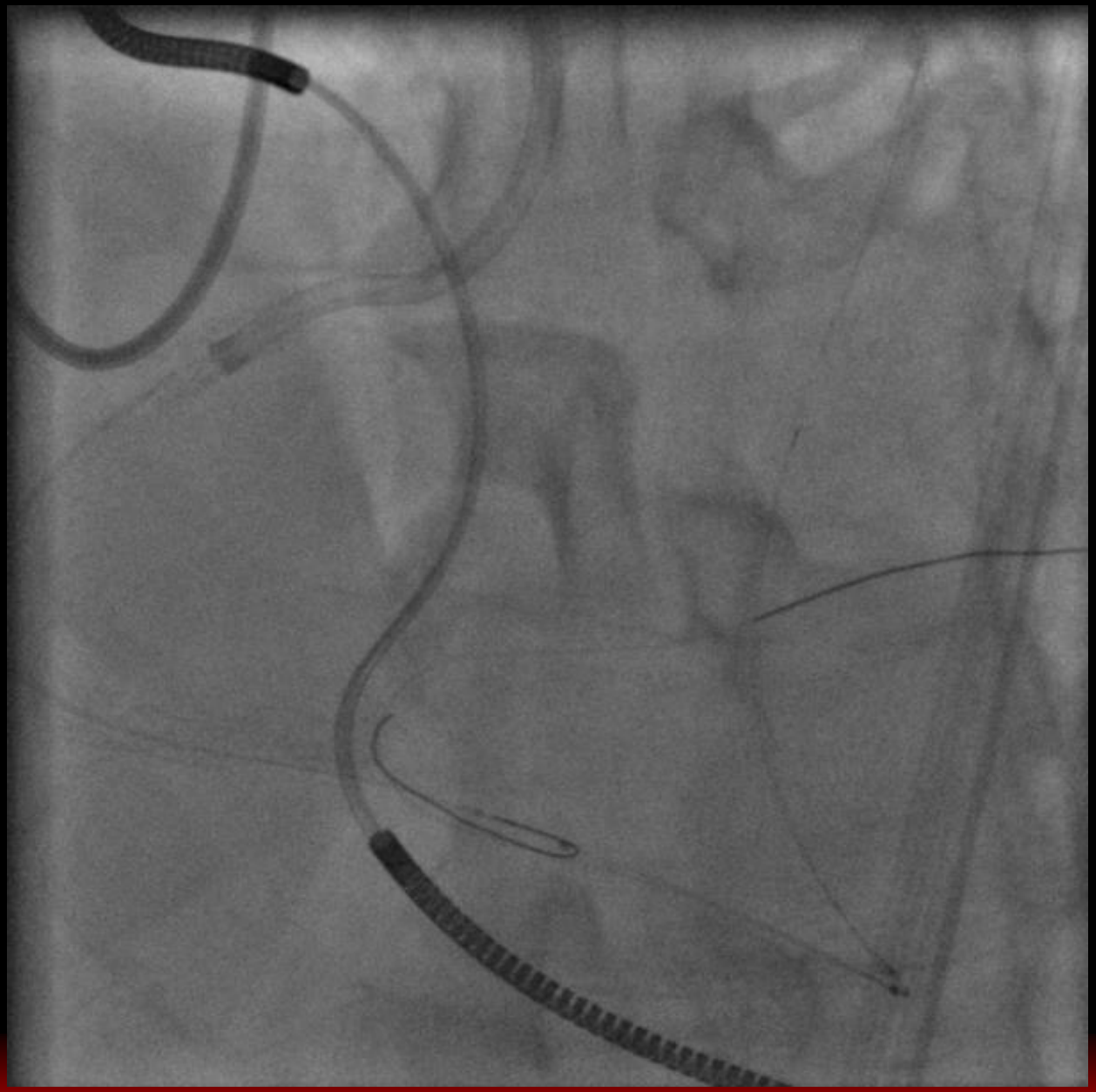
Crusade



Balloon

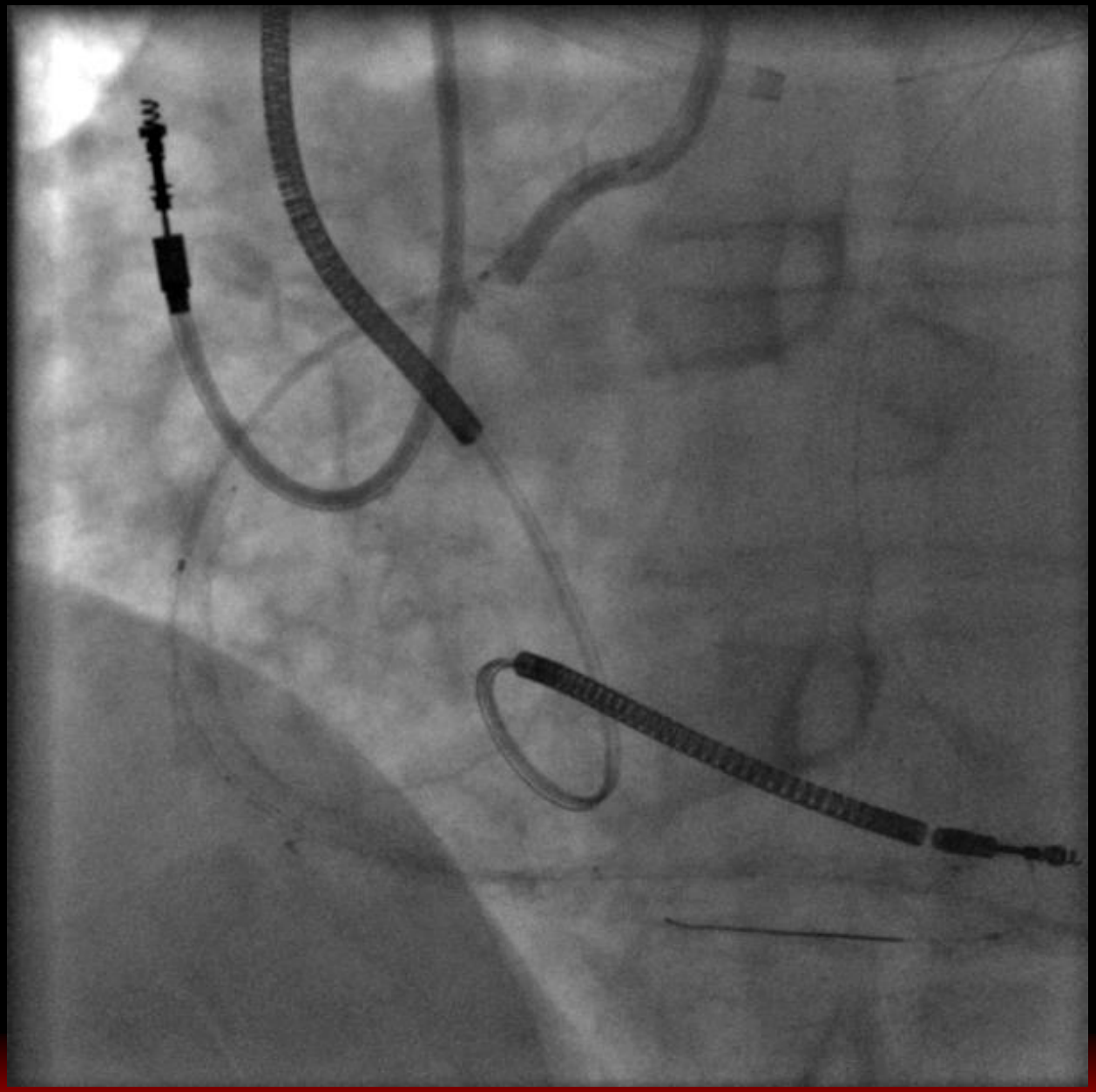


Reverse Wire Technique

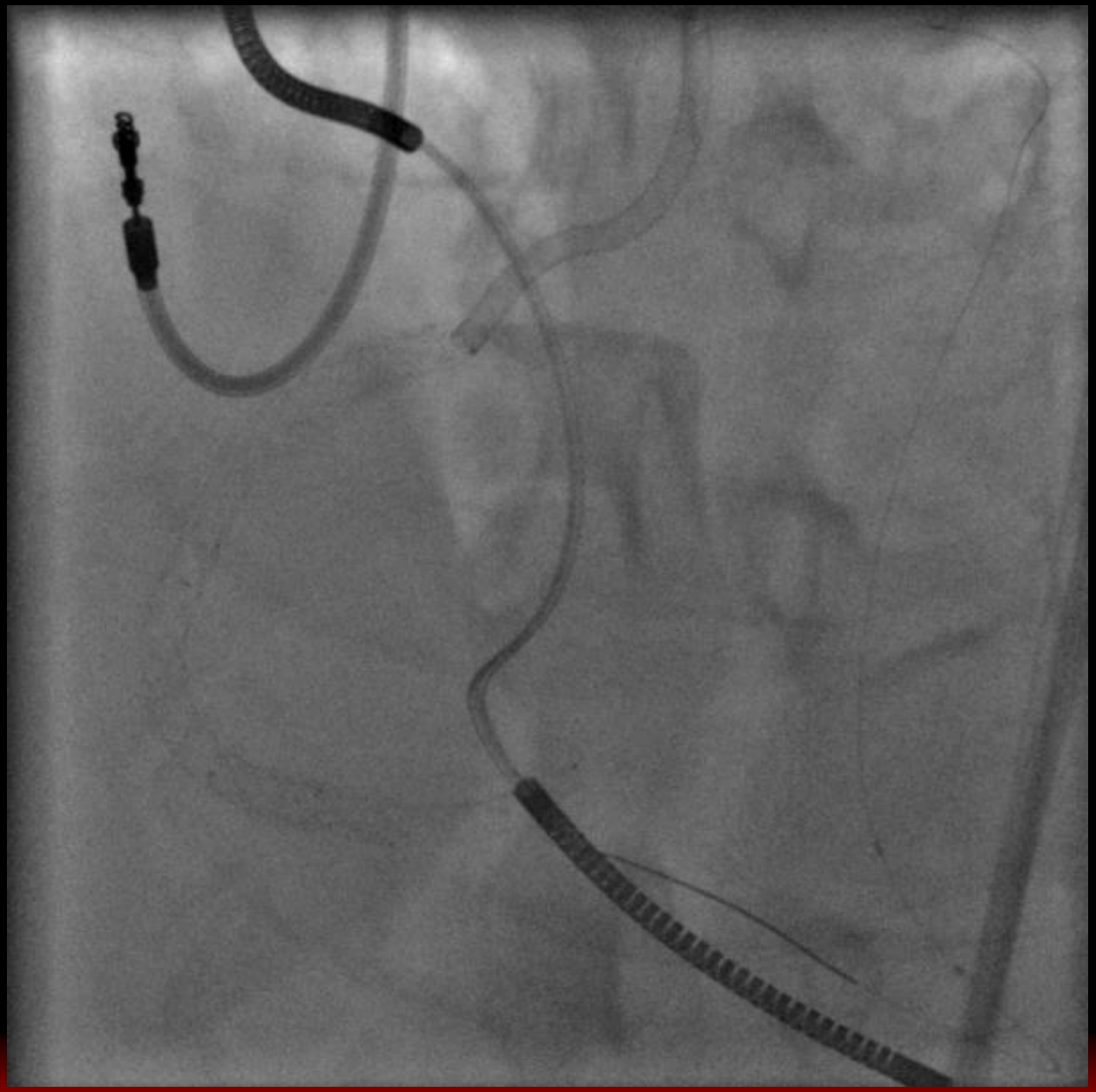


Stent

Stent



Final



Significance of Using Crusade

- √ Enable Crossing of GW into Complex Side Branch
- √ Back-up Force
- √ Parallel Wire Technique
- √ Reverse Wire Technique
- √ Retrograde Approach
- √ Infusion of Drug or Contrast Using OTW Lumen

Summary

1. Crusade catheter is very useful in CTO PCI.

2. Parallel wire technique using Crusade is common procedure.

3. Wire manipulation is stabilized, and tip load is increased with Crusade .

4. Reverse wire technique is sometimes very helpful.

TOPIC 2016

July 21-23, 2016