

Successful Wiring Using Fluoroscopy and IVUS

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Disclosure Statement of Financial Interest

Within the past 12 months, I have had a financial interest/arrangement or affiliation with the organization(s) listed below.

Affiliation/Financial Relationship

Consulting Fees/Honoraria

Equity

Company

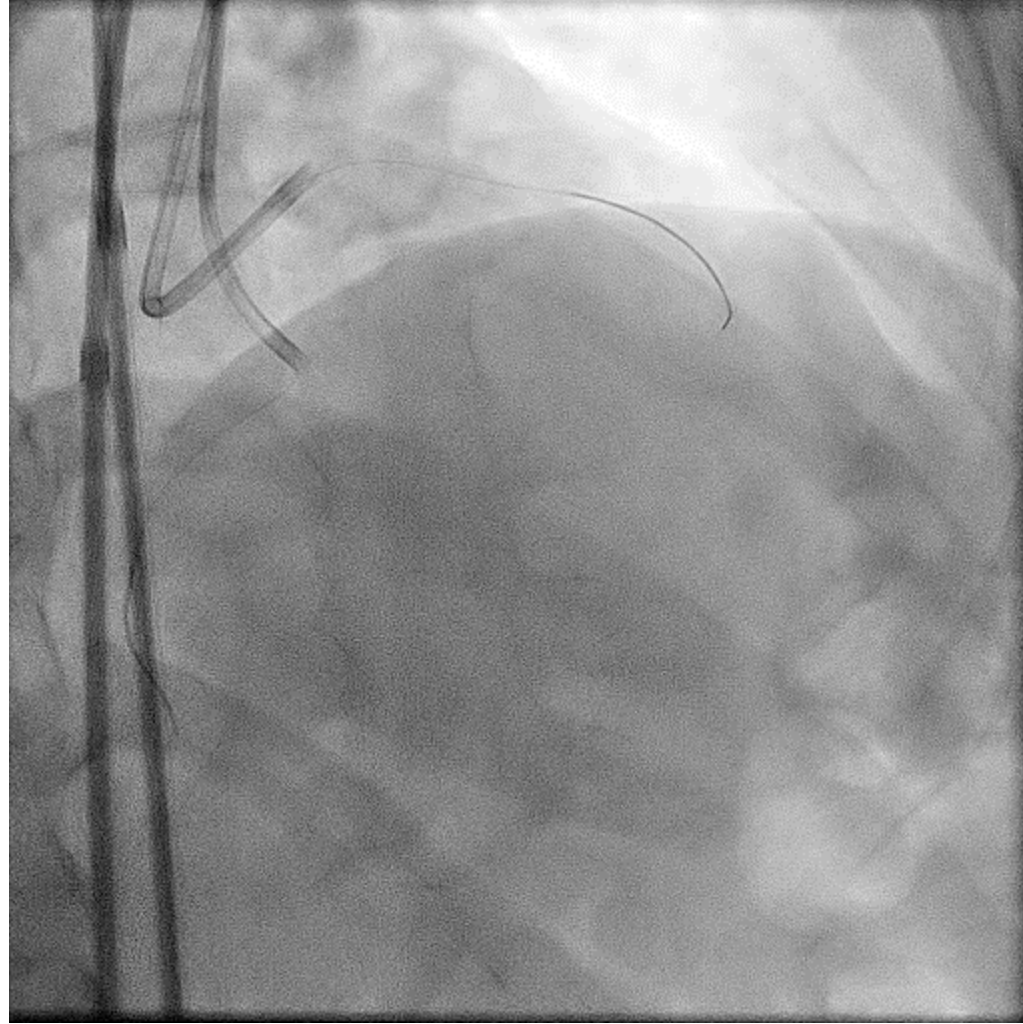
Abott Vascular, Boston Scientific

Soundbite, Saranas, Traverse Vascular,
Nanowear

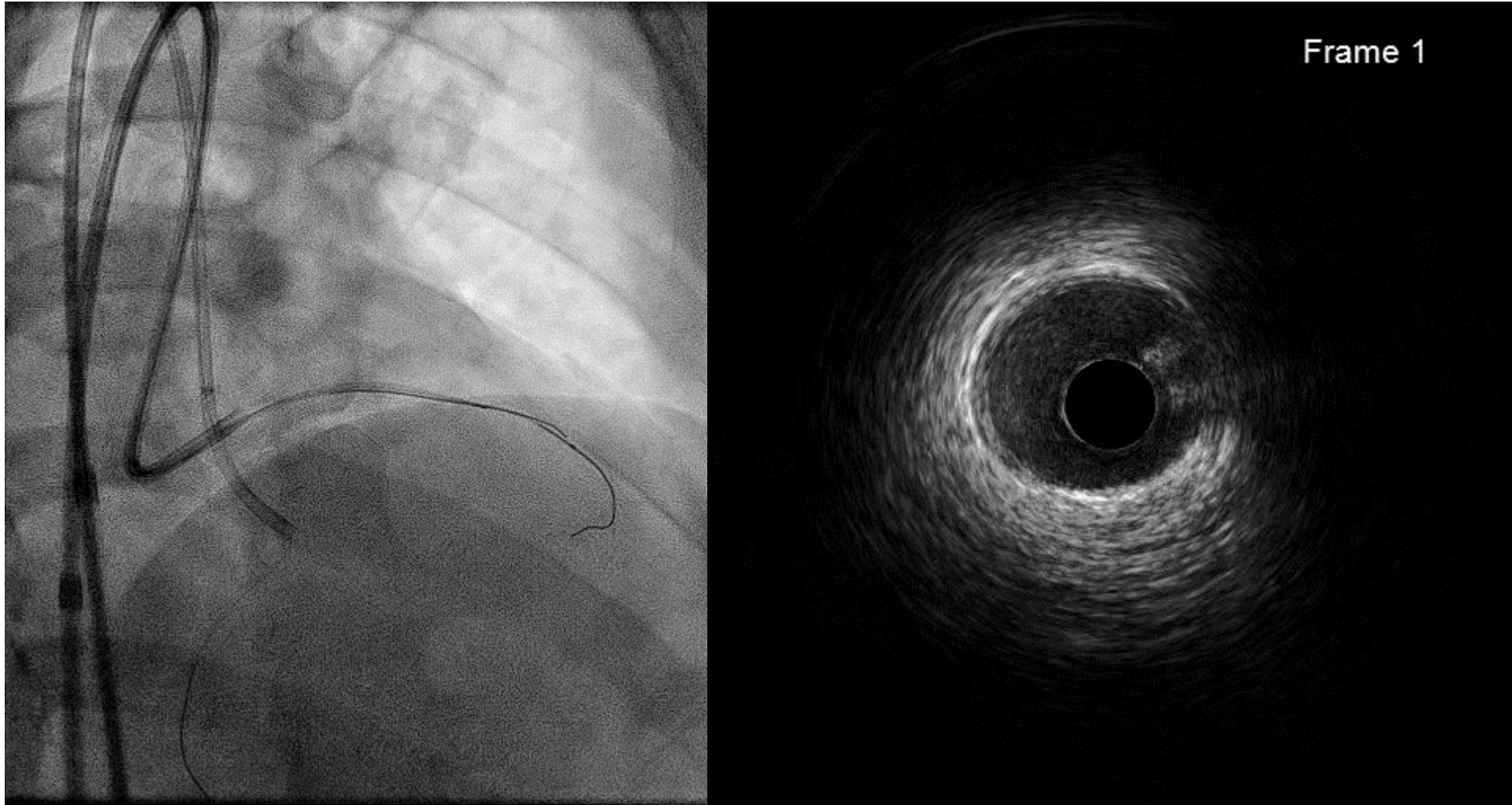
- **Identify Proximal Cap**
- **Trouble-Shoot Difficult R-CART**
- Identify Dissection planes in distal bifurcations
- Size STENTS after Crossing

CASE 1

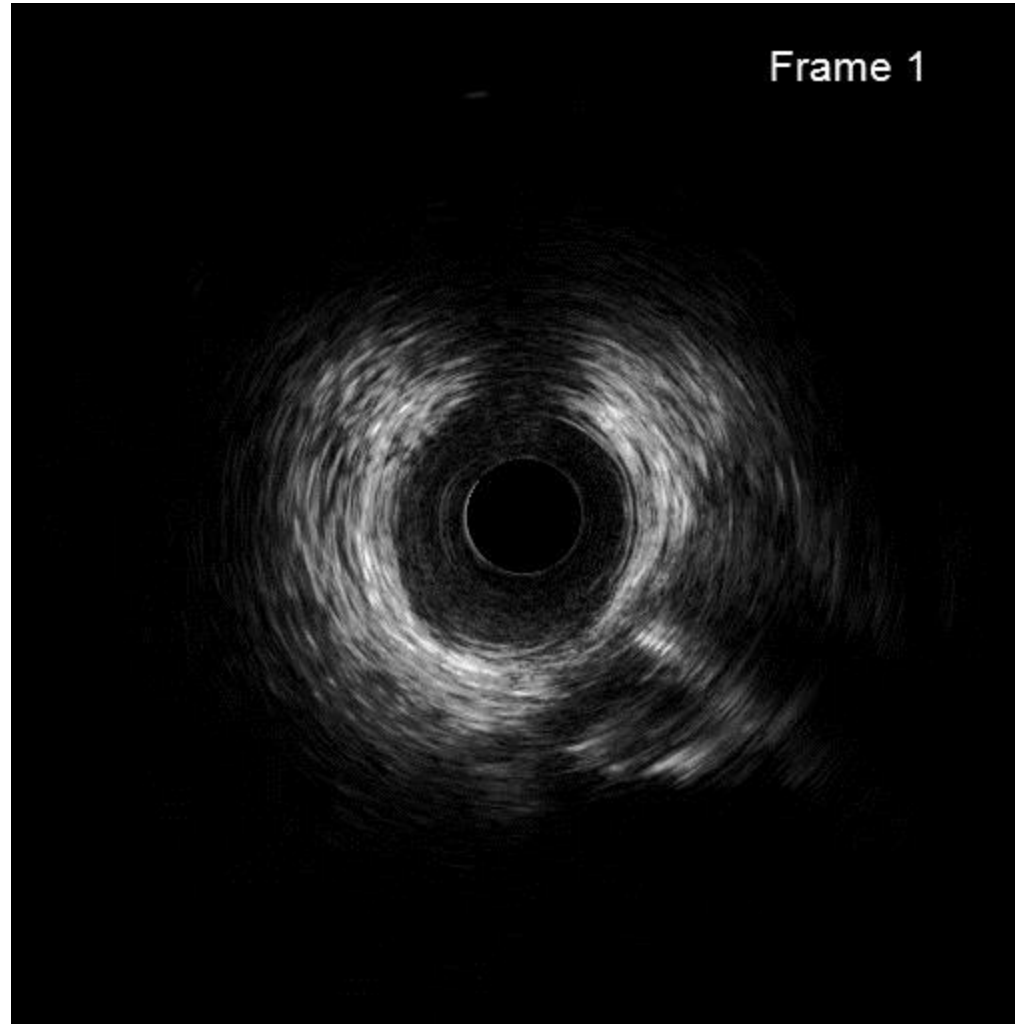
Dual Injections



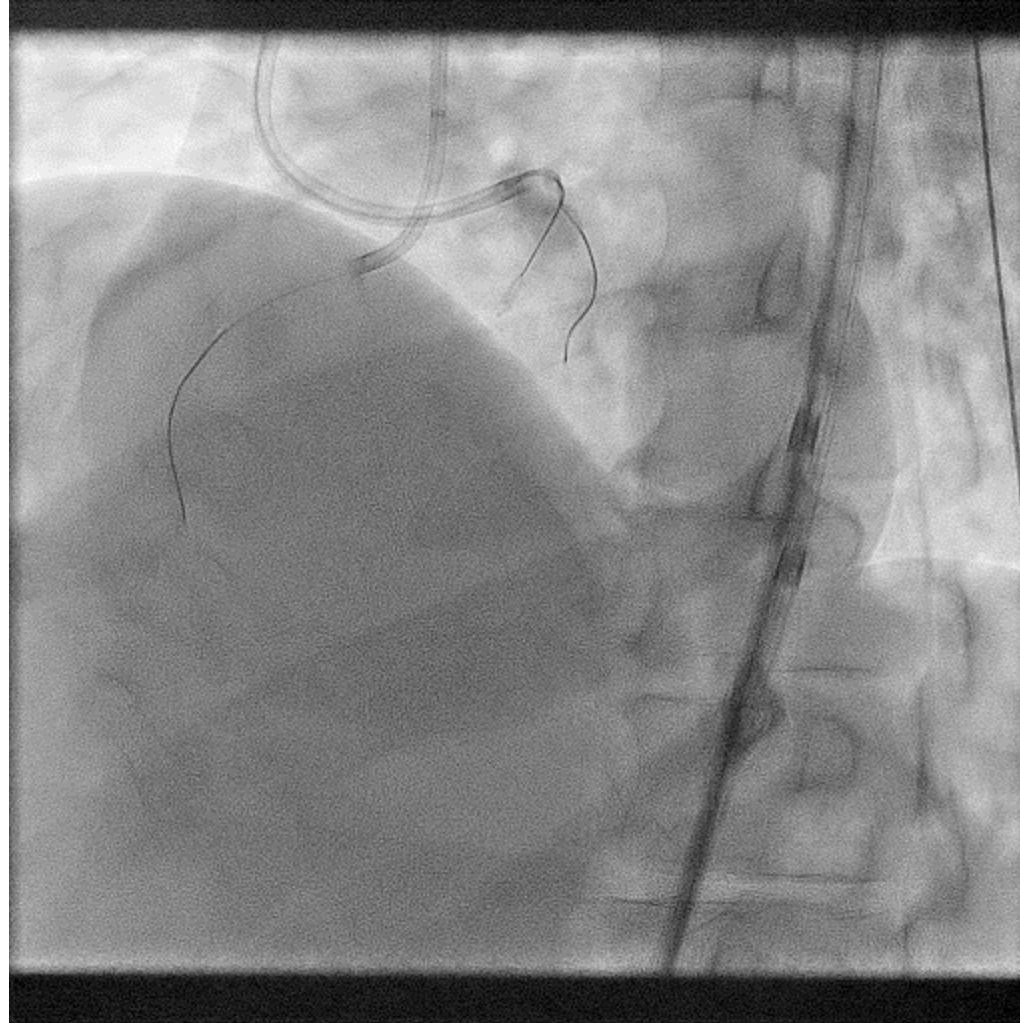
IVUS – Run 1



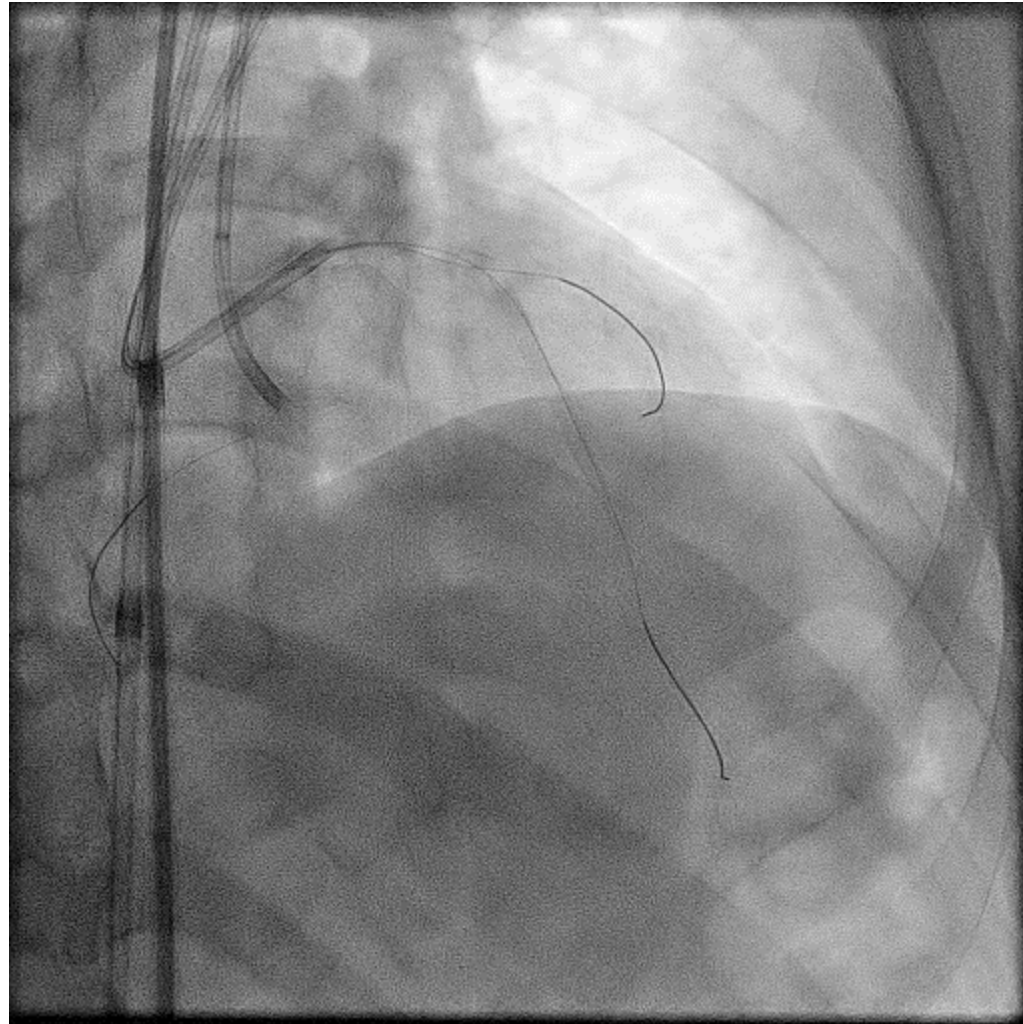
IVUS – Run 2



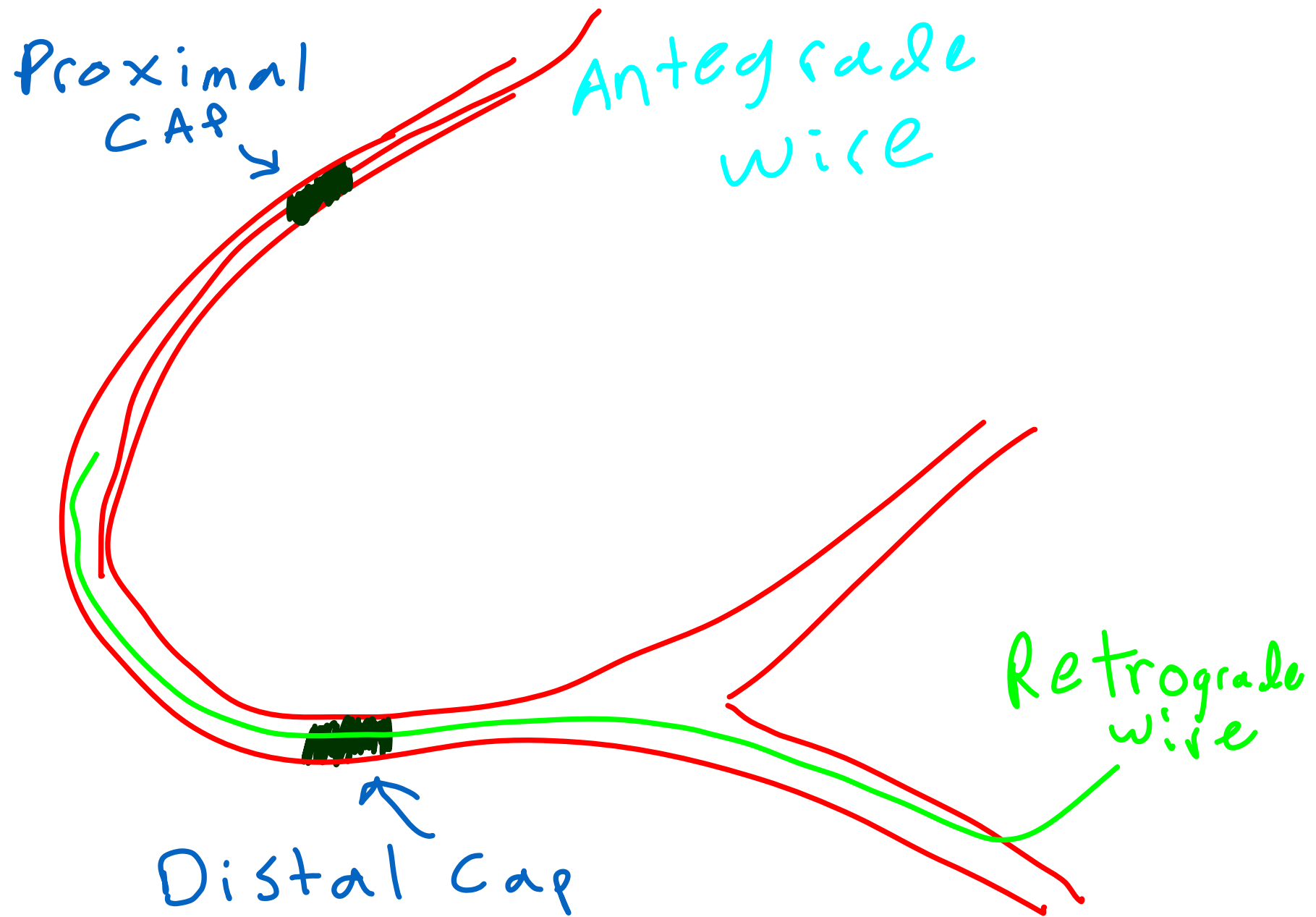
ADR – Stingray

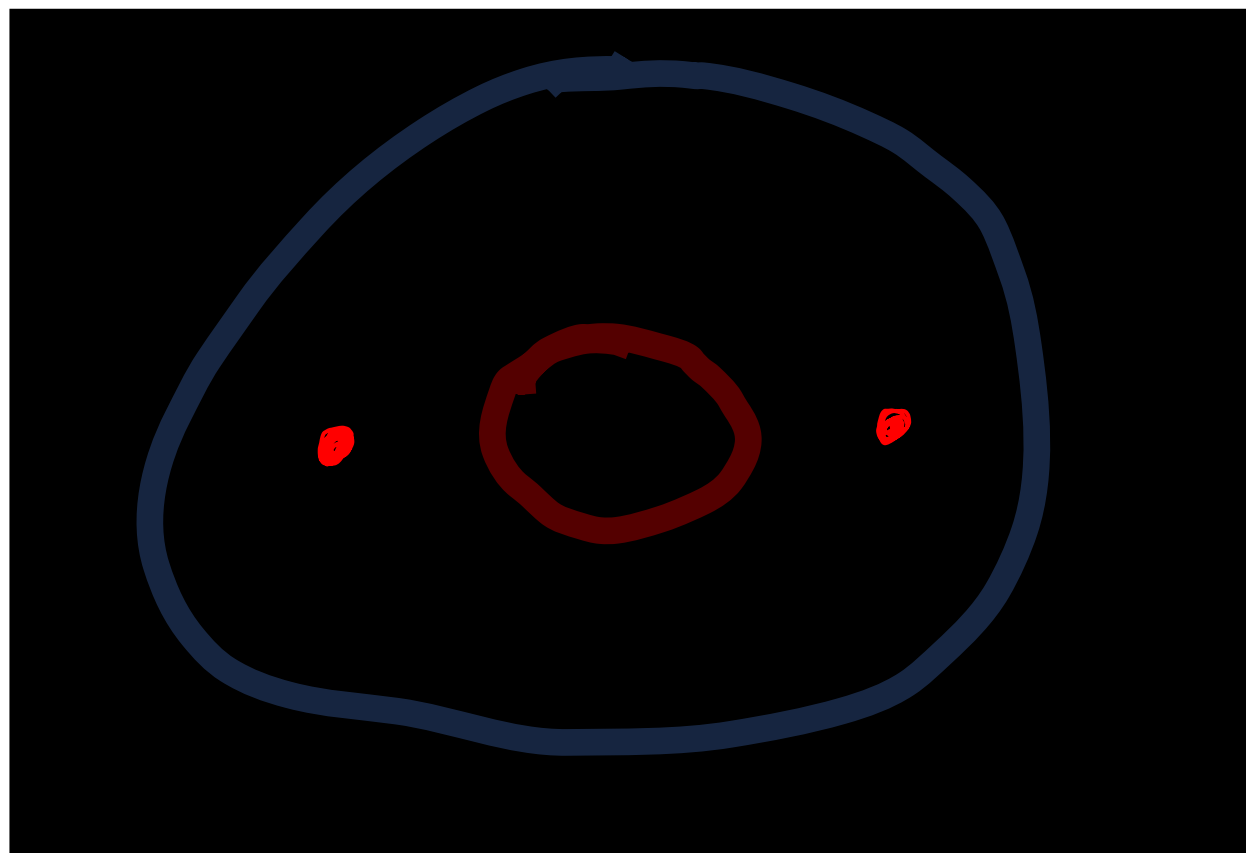


Final Result



Trouble-Shoot Difficult R-CART





Reasons for Difficult R-CART

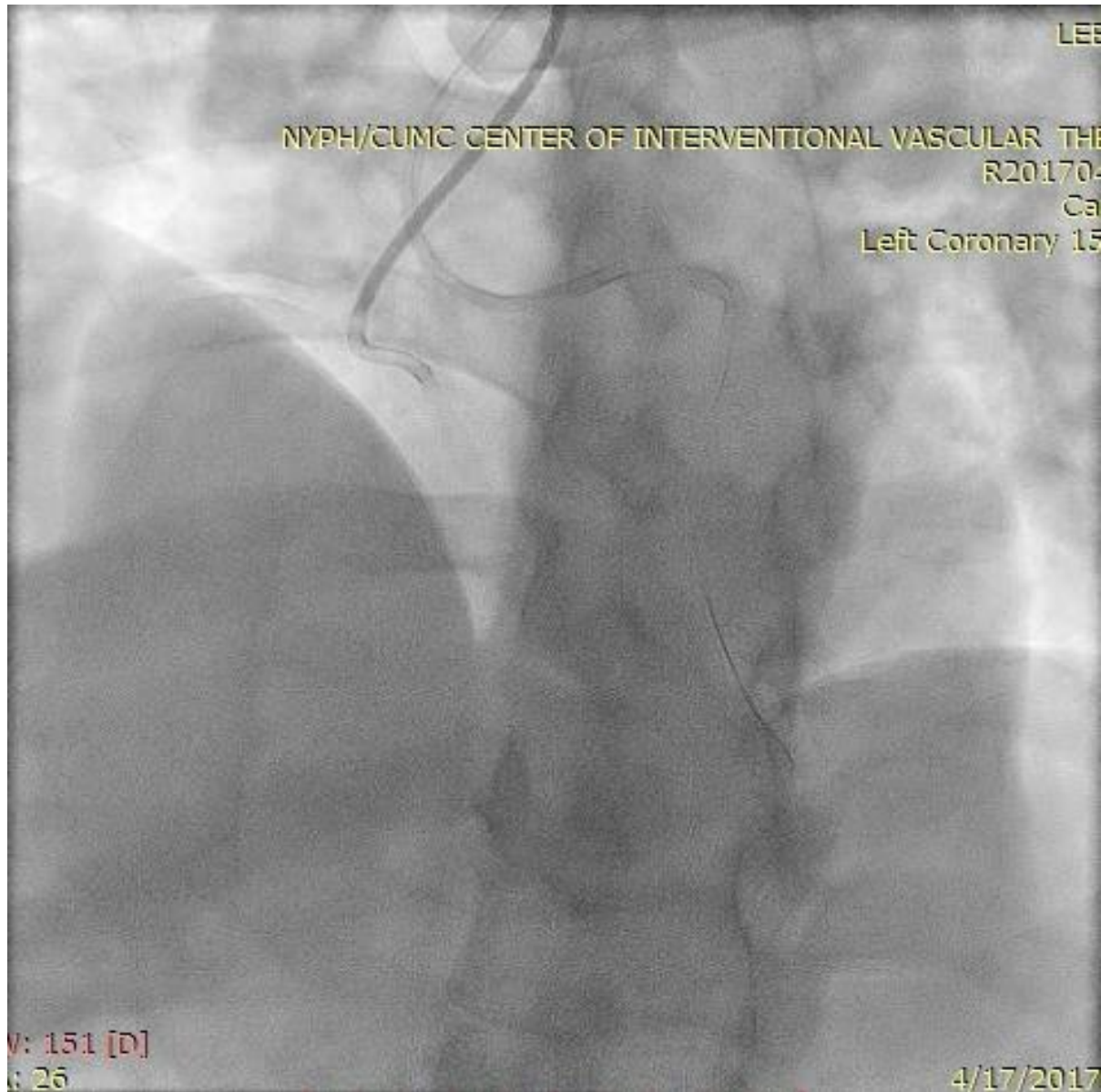
- Vessel Tortuosity
- Calcification
- R-CART performed not in the optimal position
- Balloon dilatation not performed all the way back to the true lumen proximally
- Knuckles have caused big hematomas
- Antegrade and Retrograde wires not in Sub-Intimal space

CASE 2

CTO-RCA

Bi-radial reverse cart with
eagle eye ivus guidance

CTO-RCA

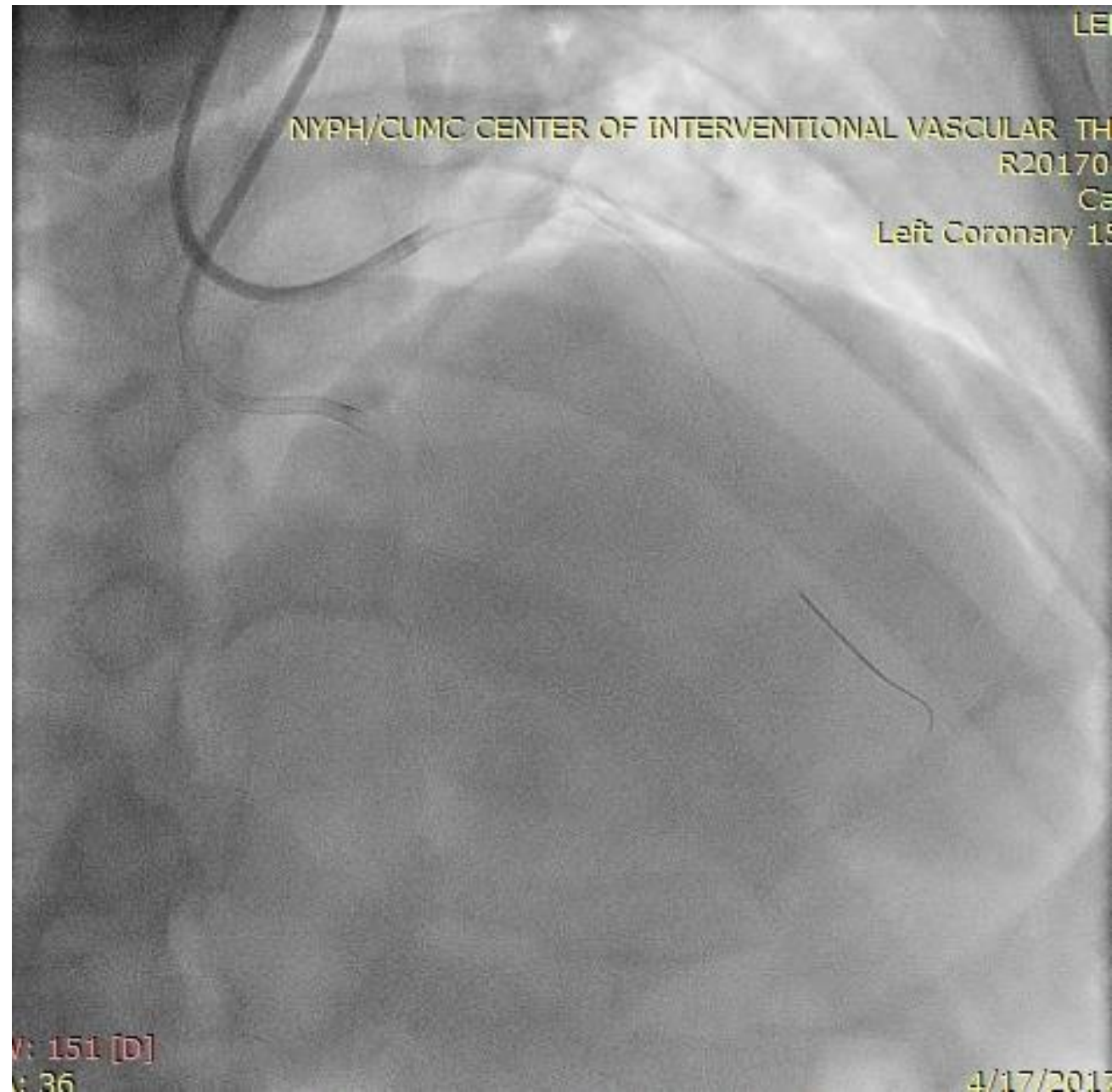


7Fr Slender Sheaths

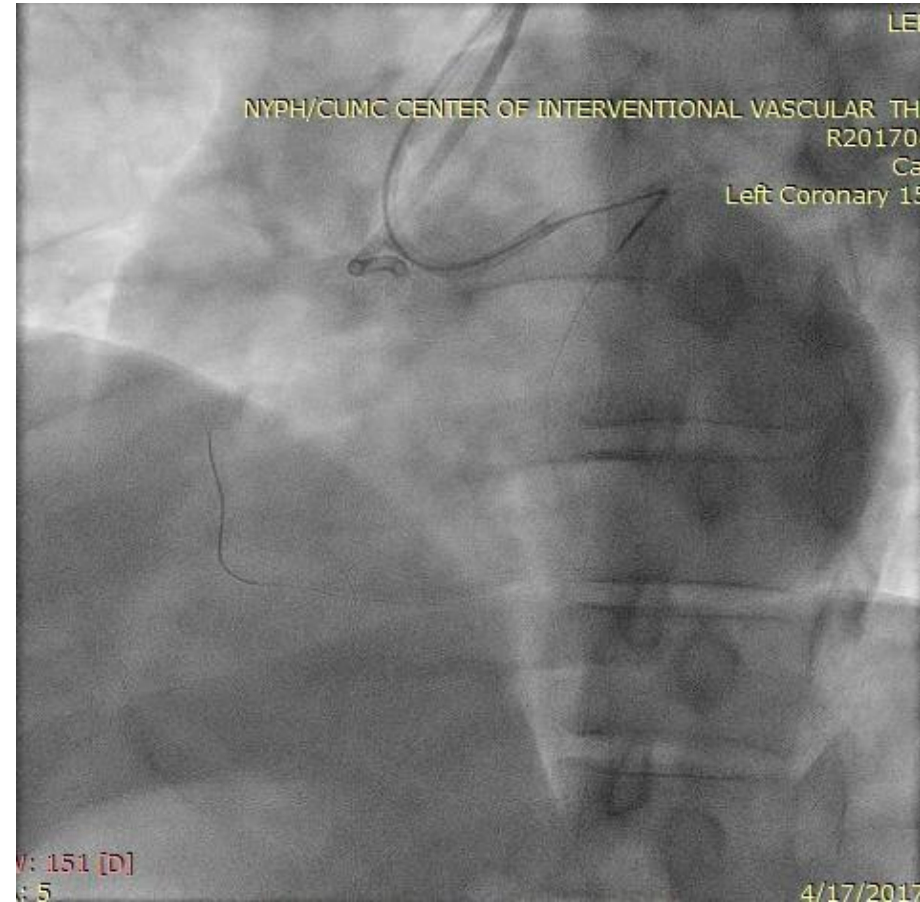
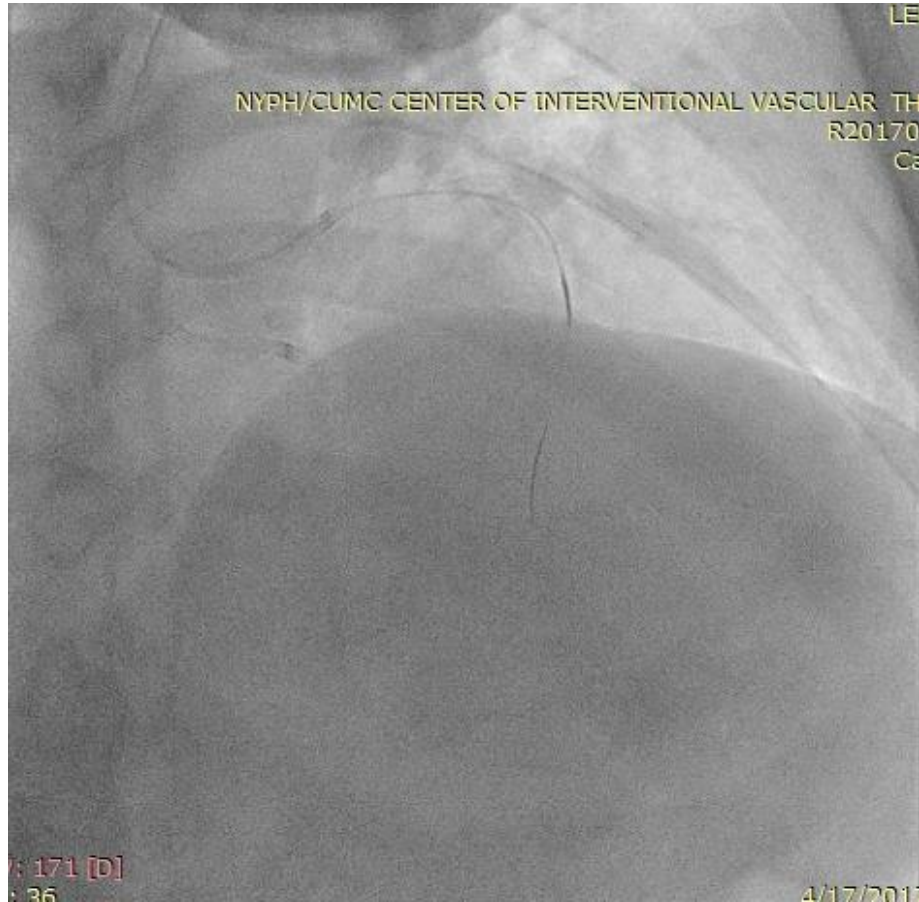
Right Radial Artery
7Fr AL0.75
switched later to
JR4.0 SH 90cm

Left Radial Artery
7Fr EBU3.5 90cm

CTO-RCA



Retrograde via LAD septals



TurnPike LP 150 cm
Sion Wire

Antegrade and Retrograde systems dancing together

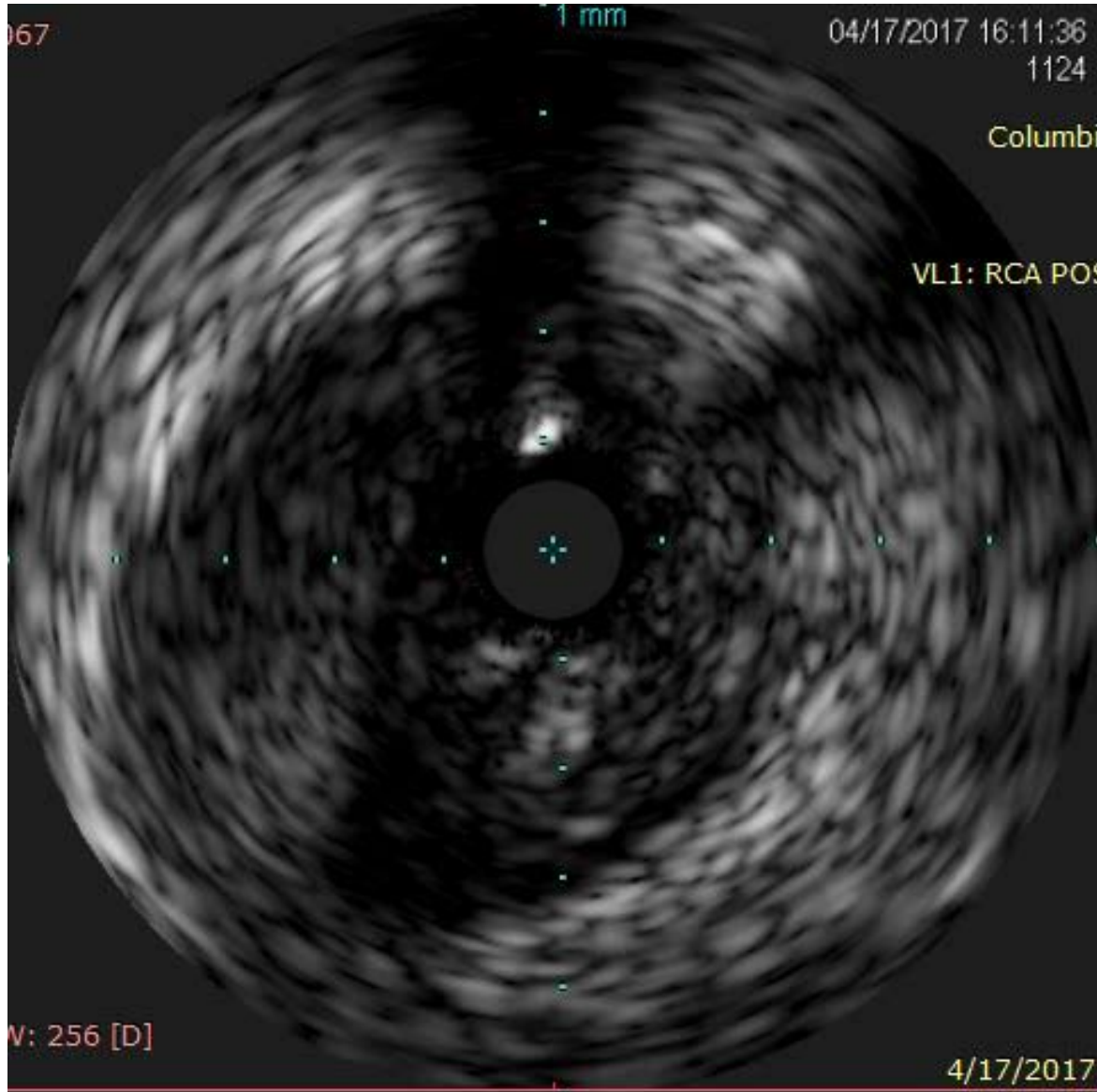


2.0 x 12 mm **Anchoring Balloon** in a conus branch to add support to the 7Fr JR4.0 Guide

Antegrade TurnPike Spiral 135cm with Knuckled Pilot 200 wire

Retrograde TurnPike LP 150 cm

Eagle Eye IVUS Guidance

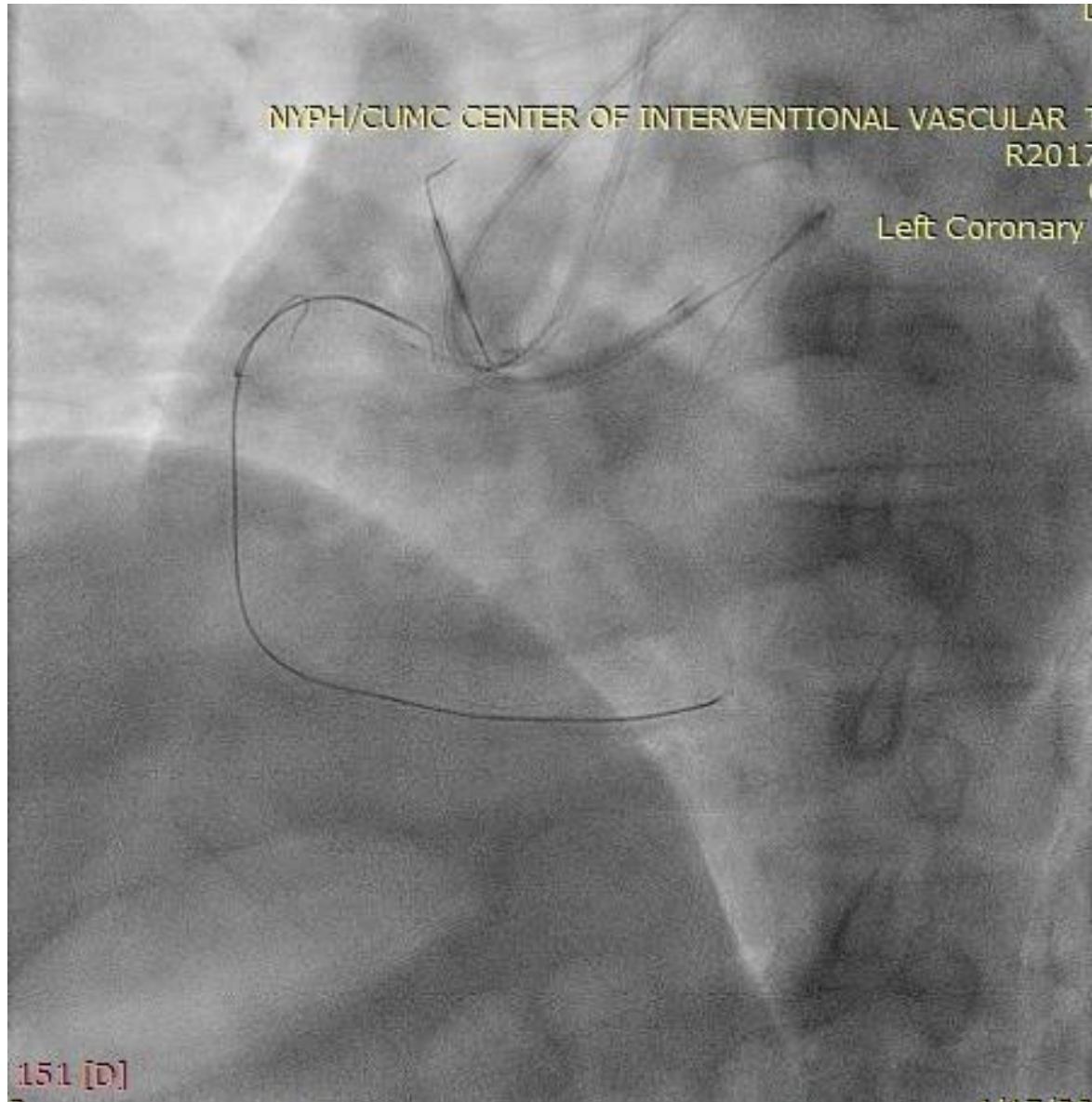


Antegrade IVUS probe to
determine optimal
location for Reverse
CART

“Two white dots”
Represent Retrograde
Knuckled Wire in Sub-
Intimal Space

Antegrade system
confirmed to be
intraplaque and true
lumen

Setting for Reverse CART

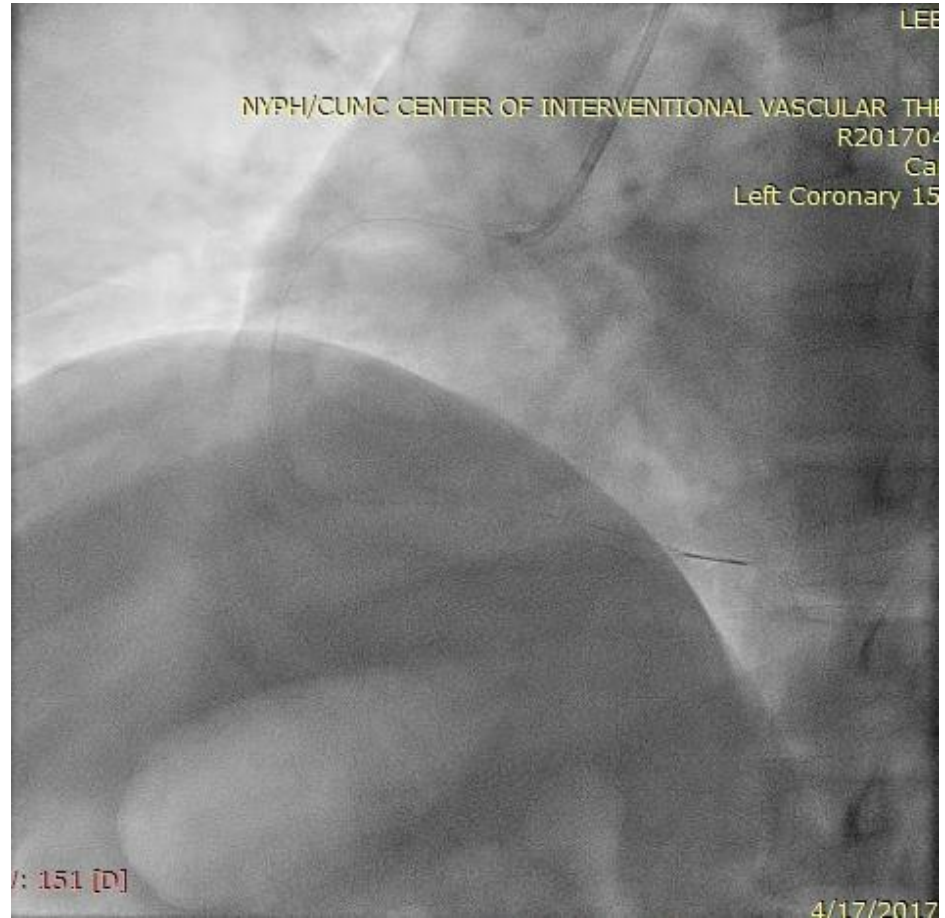
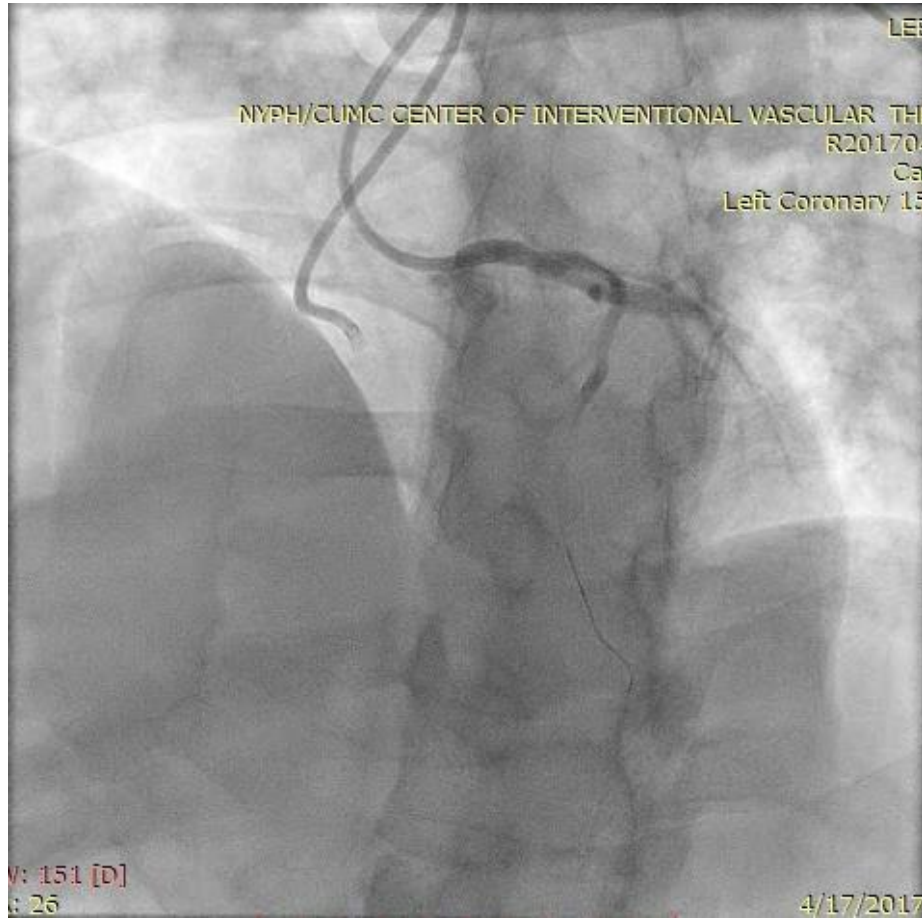


2.0 x 12 mm **Anchoring Balloon** in a conus branch to add support to the 7Fr JR4.0 Guide

Antegrade 4.0 x 20 mm Balloon to create dissection and get into the sub-intimal space

Retrograde TurnPike LP 150 cm with Confianza Pro 12 wire

Final Results after IVUS guided Stenting



Thank You