

Breakfast Meetings

Functional Angioplasty

CASES

Jung-Min Ahn, MD.

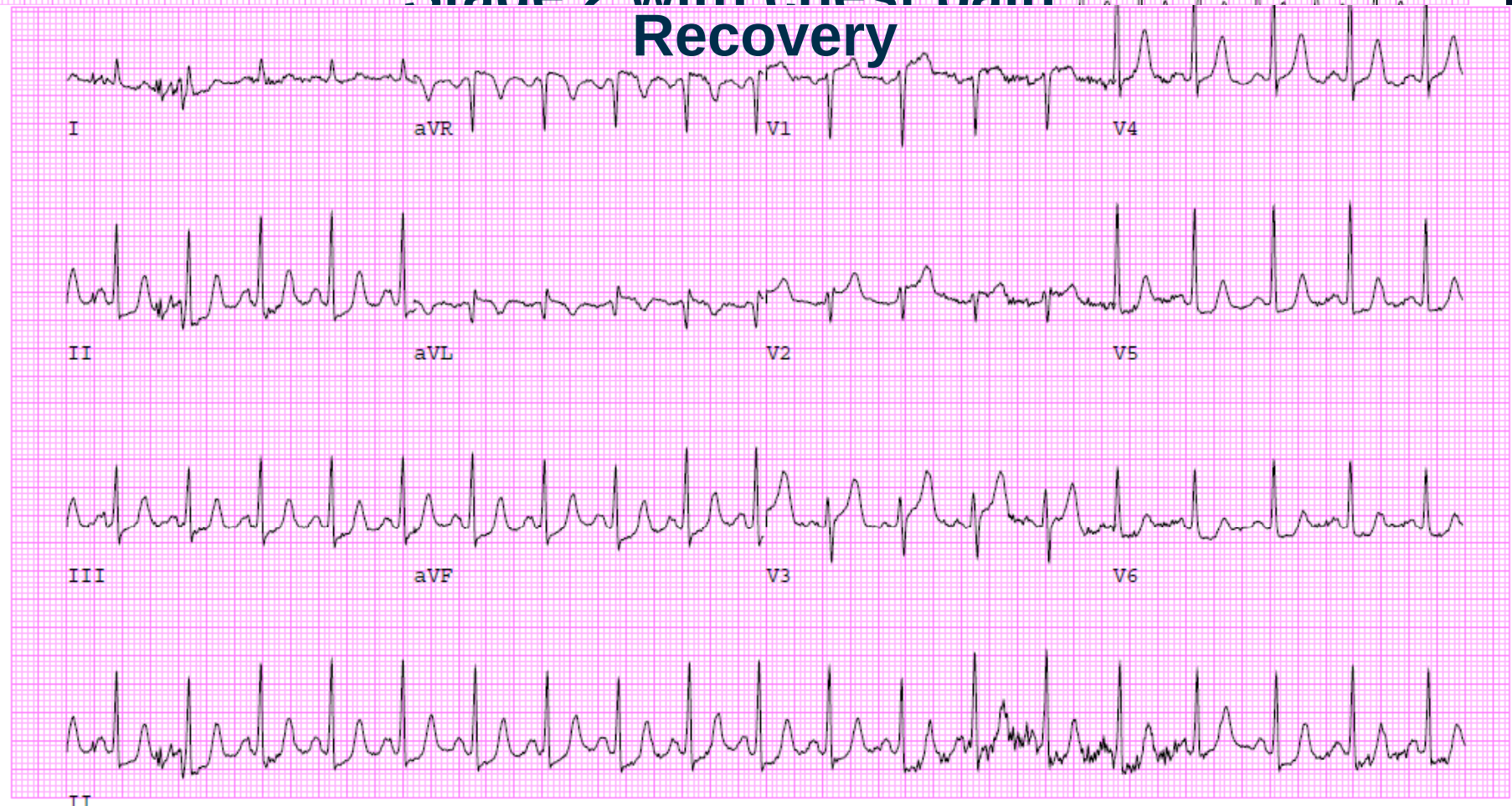
University of Ulsan College of Medicine,
Asan Medical Center, Seoul, Korea

Case 1.

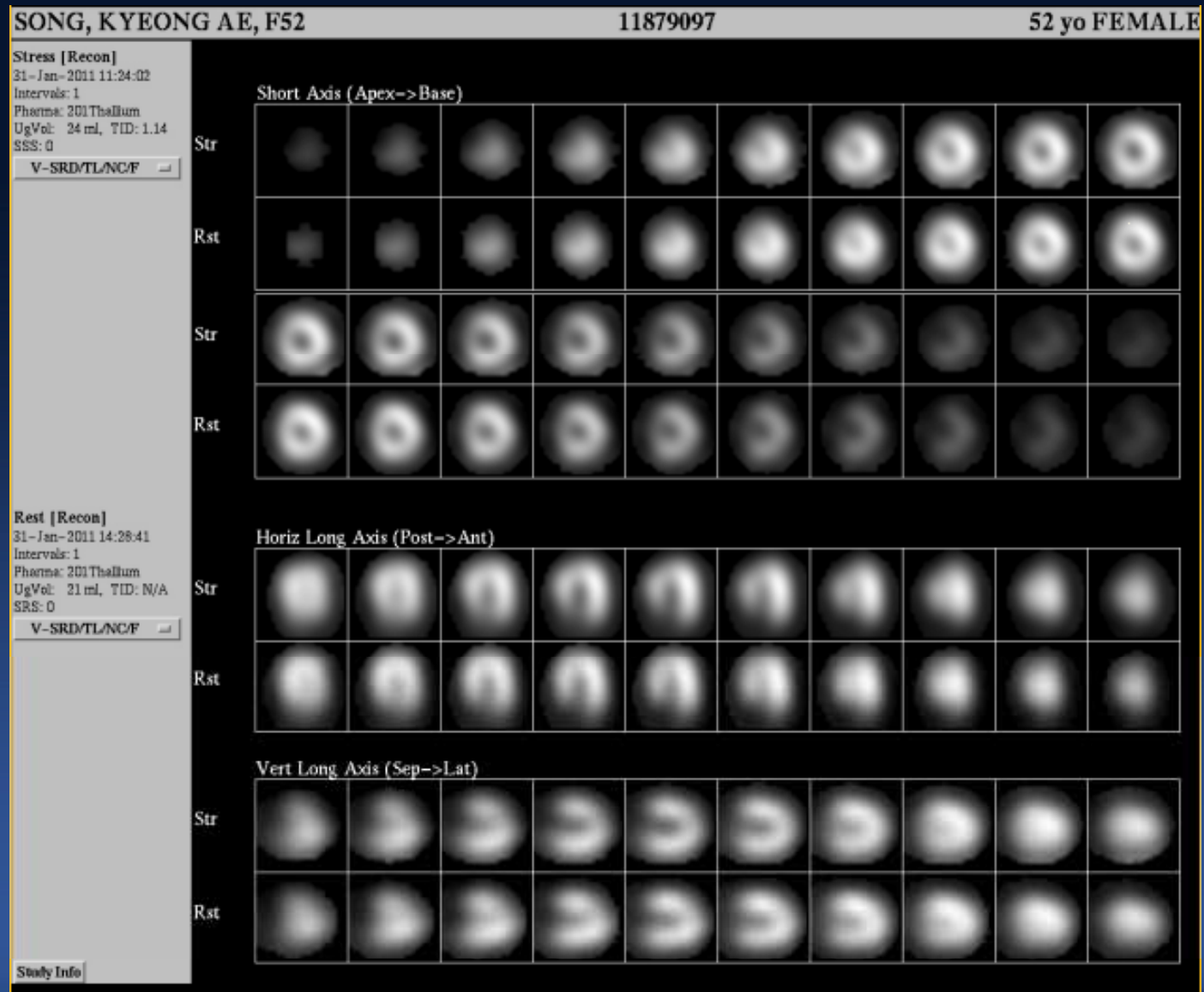
- F/51
- Chief complaints:
Accelerating effort related chest pain
2 months ago
- Risk Factors:
Smoking

TMT

Resting
Stage 1
Stage 2 with chest pain
Recovery



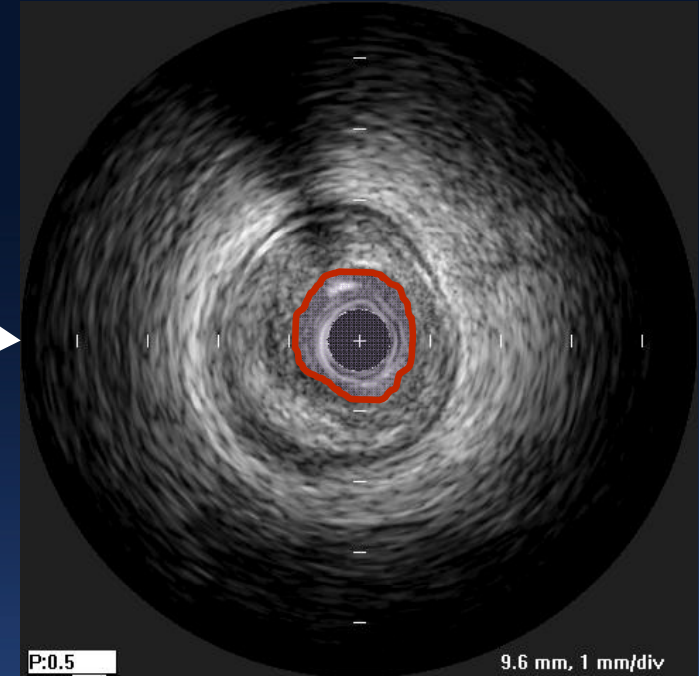
Normal Thallium



Intermediate LAD stenosis

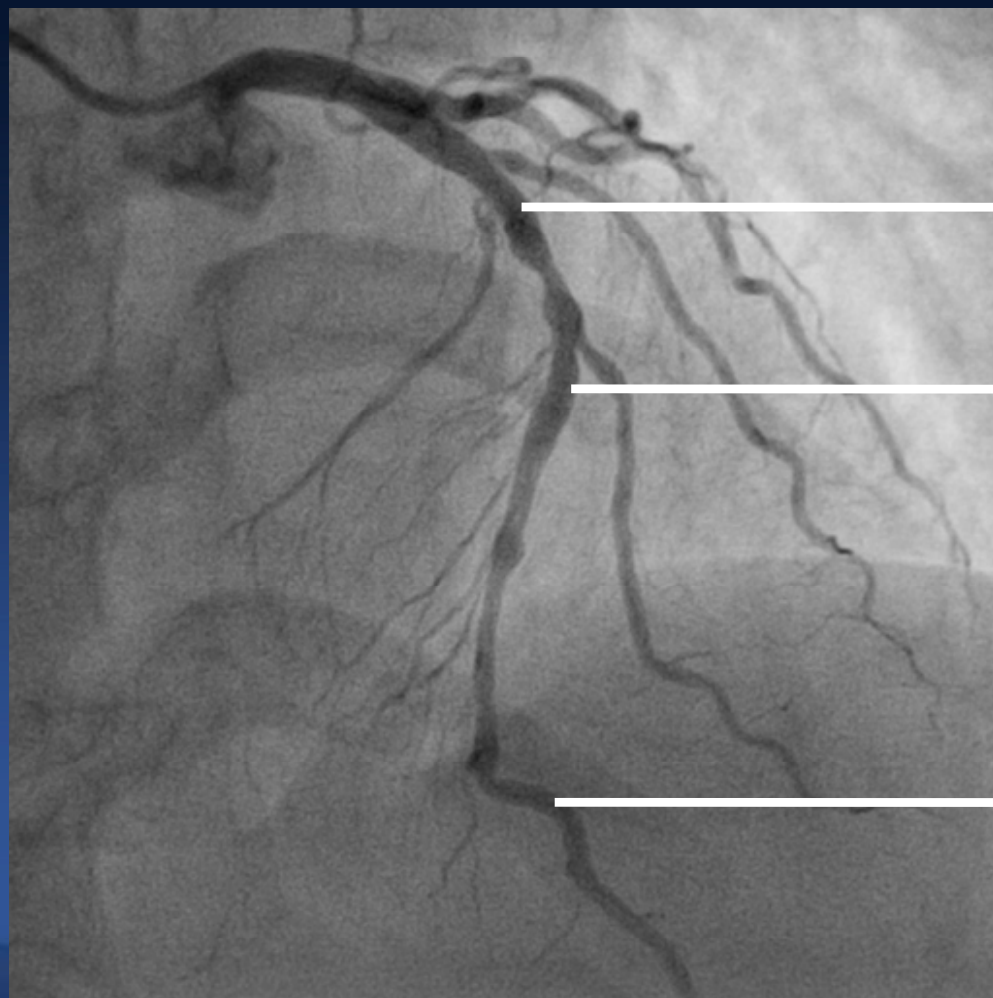


What Should We do?



IVUS MLA
 2.1mm^2

FFR (intravenous adenosine) 140 µg/kg/min

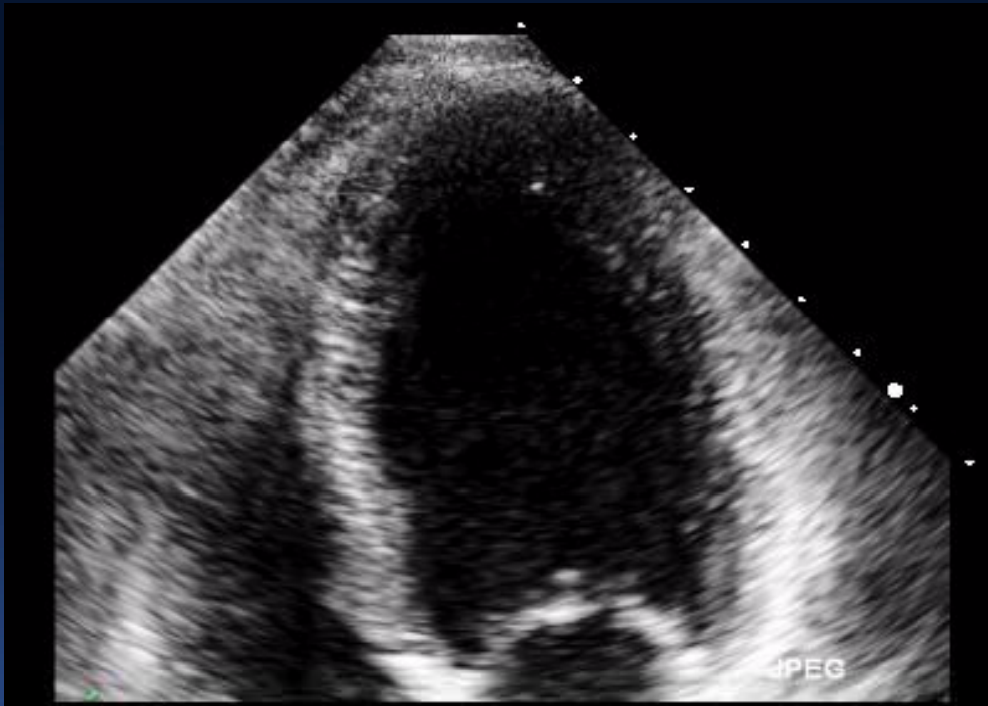


FFR



Ergonovine Echo

Baseline Echo



Ergo 50 ug



**Exercise Induced
Vasospasm?**

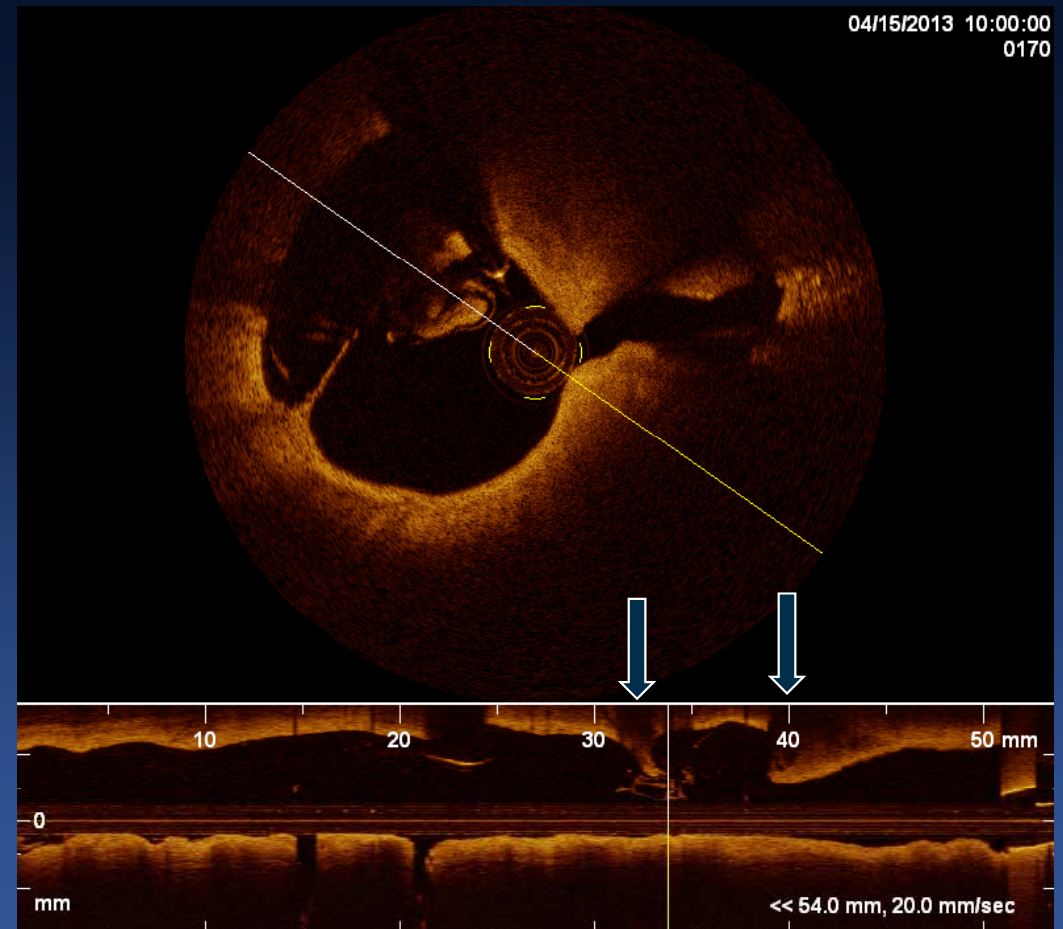
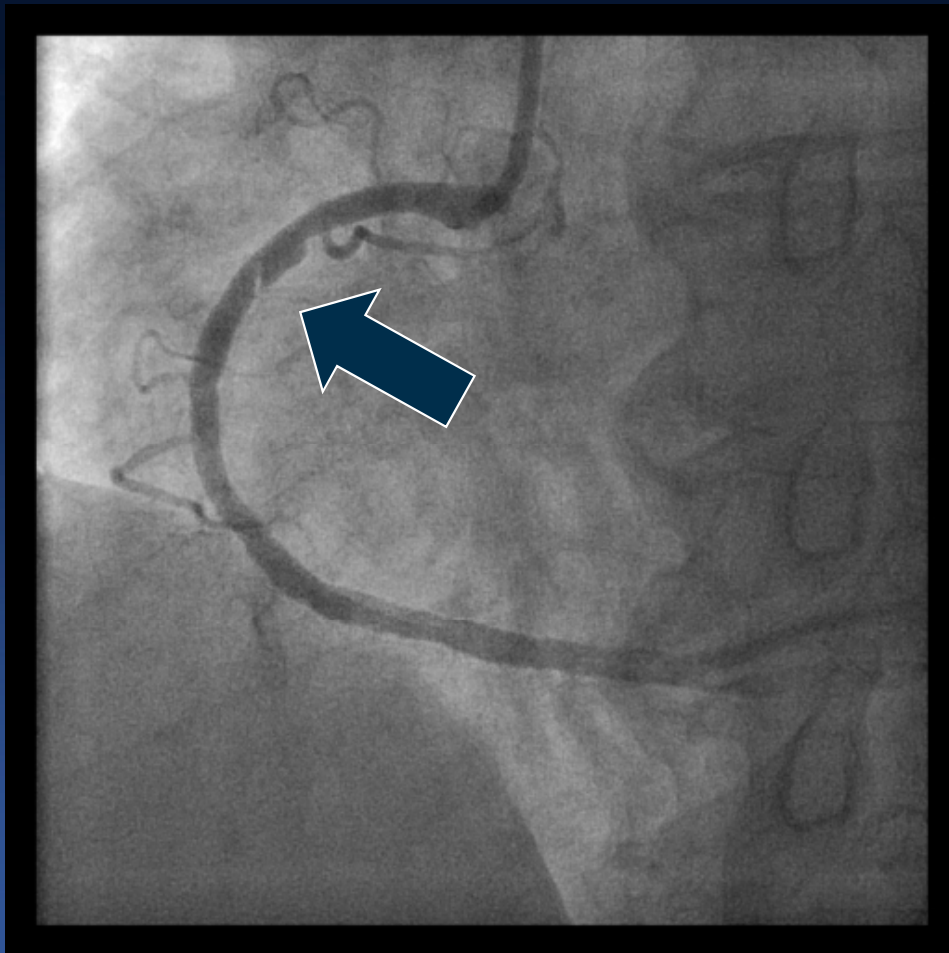
Case 2.

- F/67
- Chief complaint:
New-onset effort related chest pain
15 days ago
- Risk Factors
Diabetes, Hypertension

Coronary Angiography

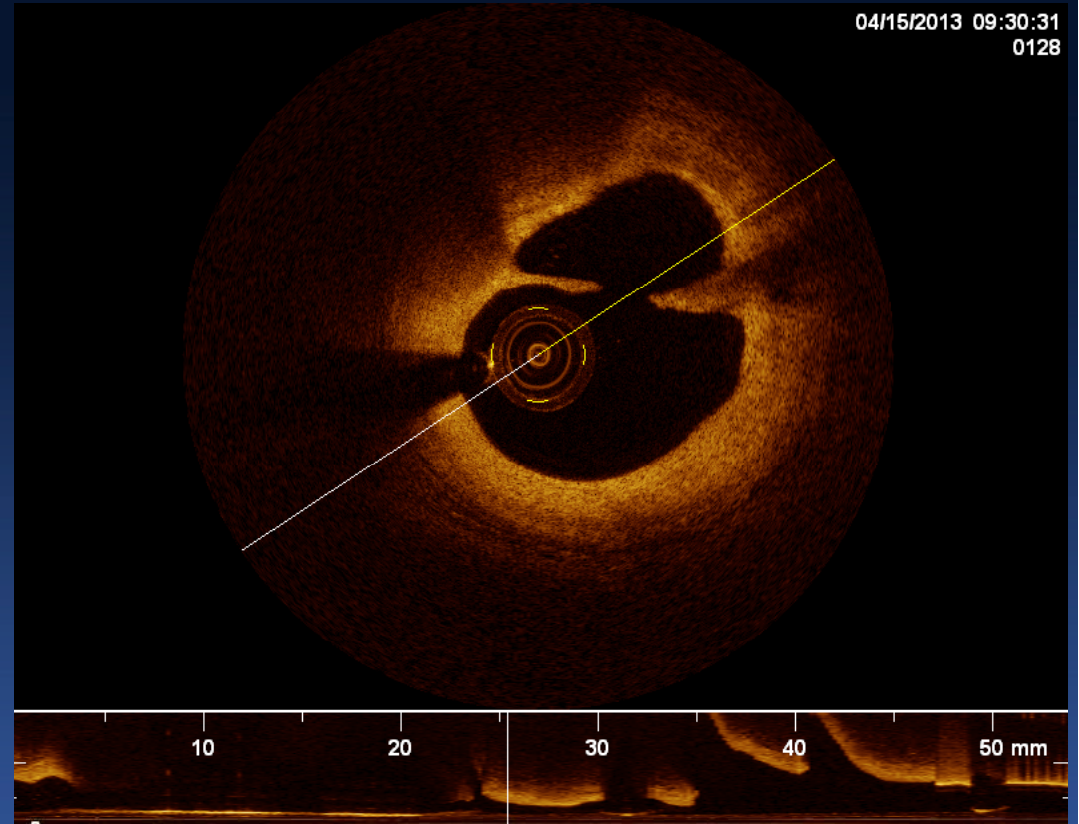
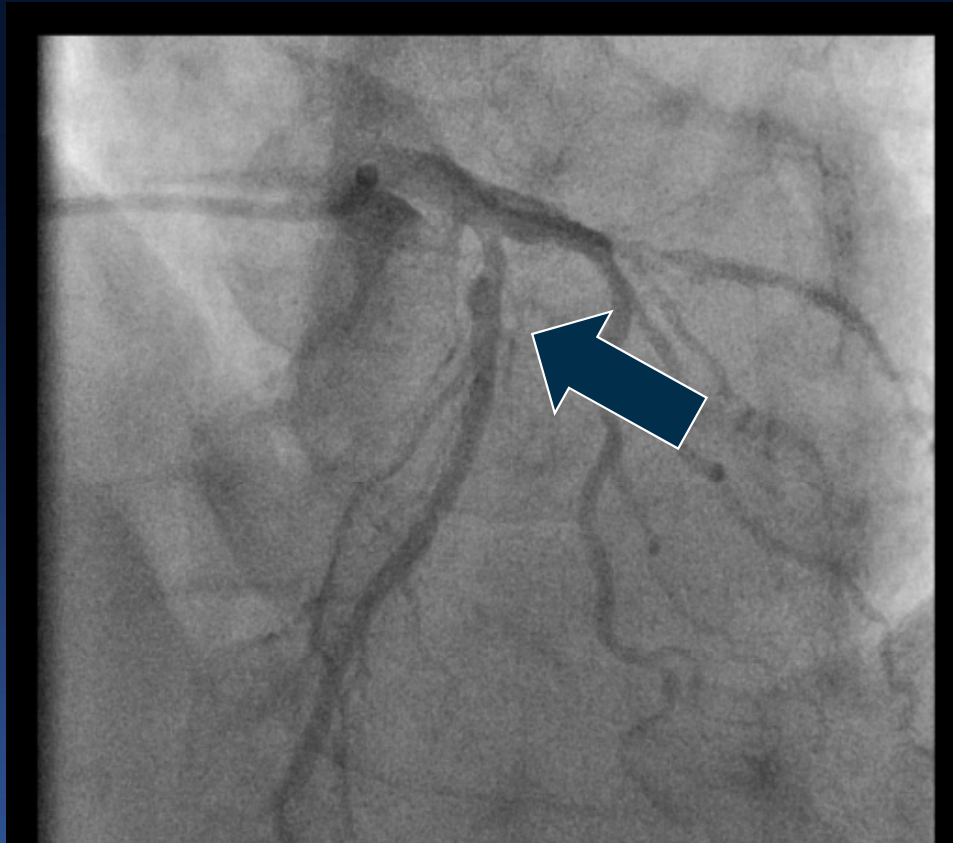


Plaque Rupture



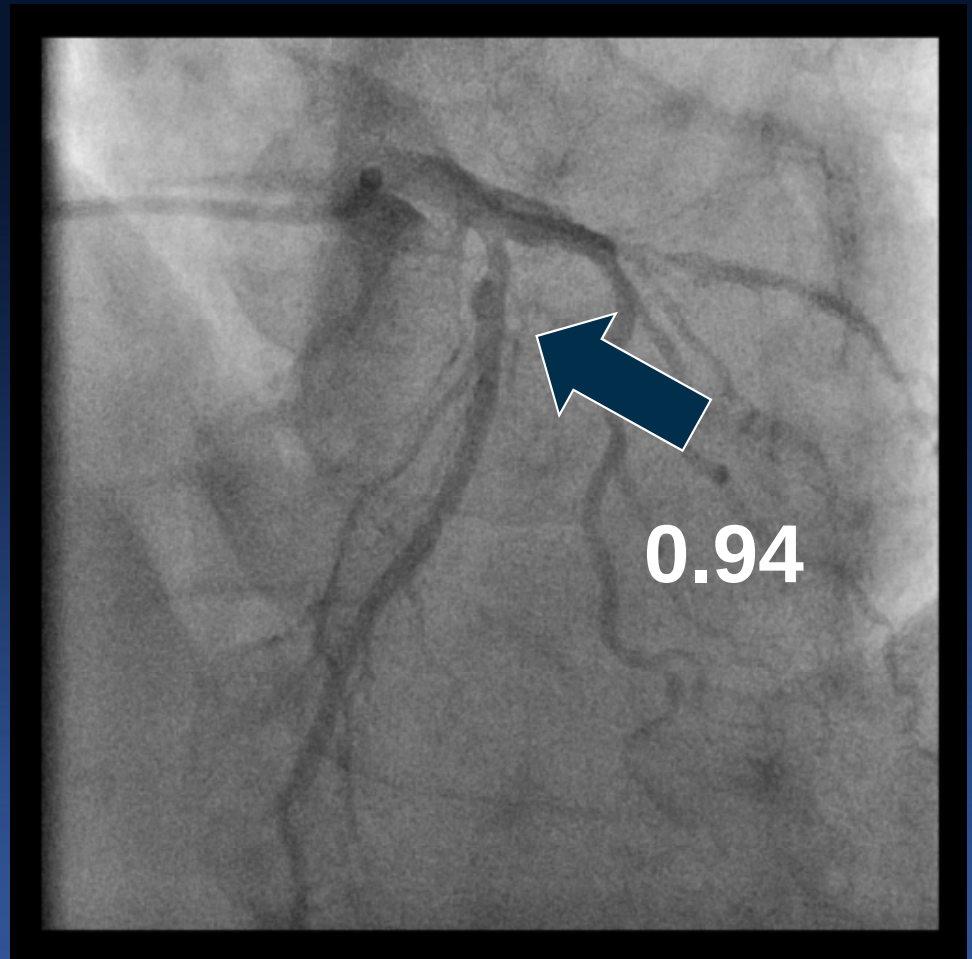
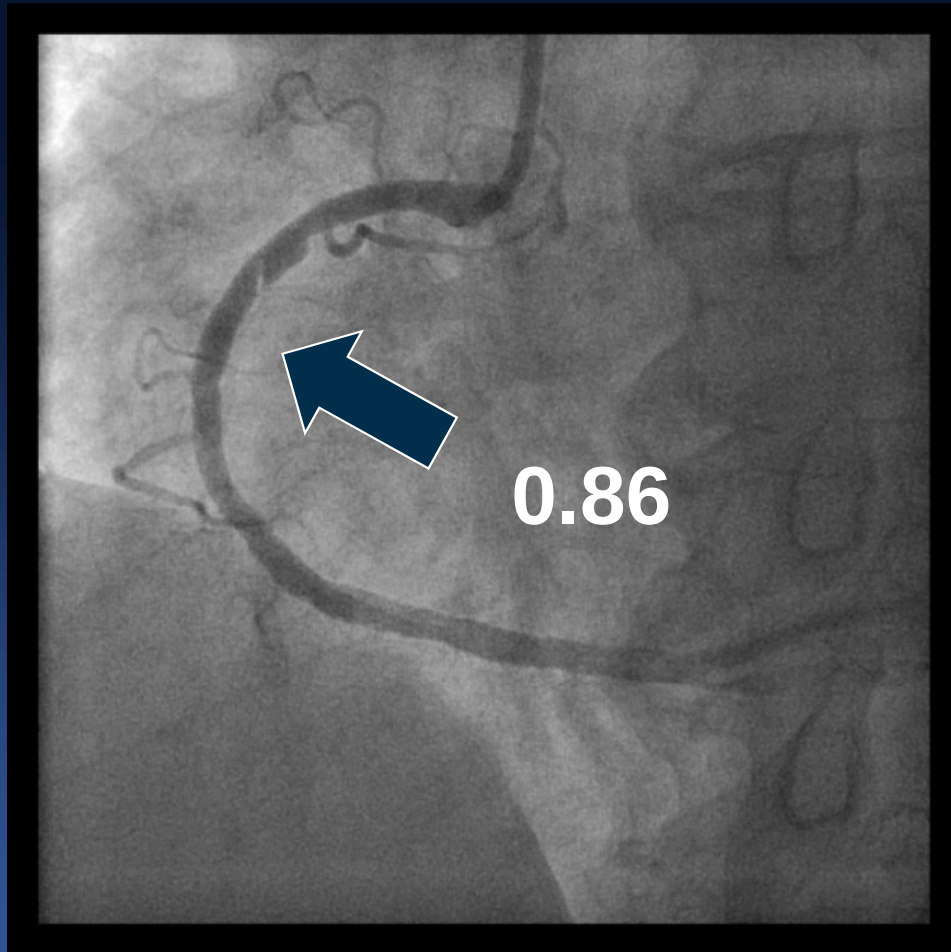
MLA 4.4mm²

Plaque Rupture



What Should We do?

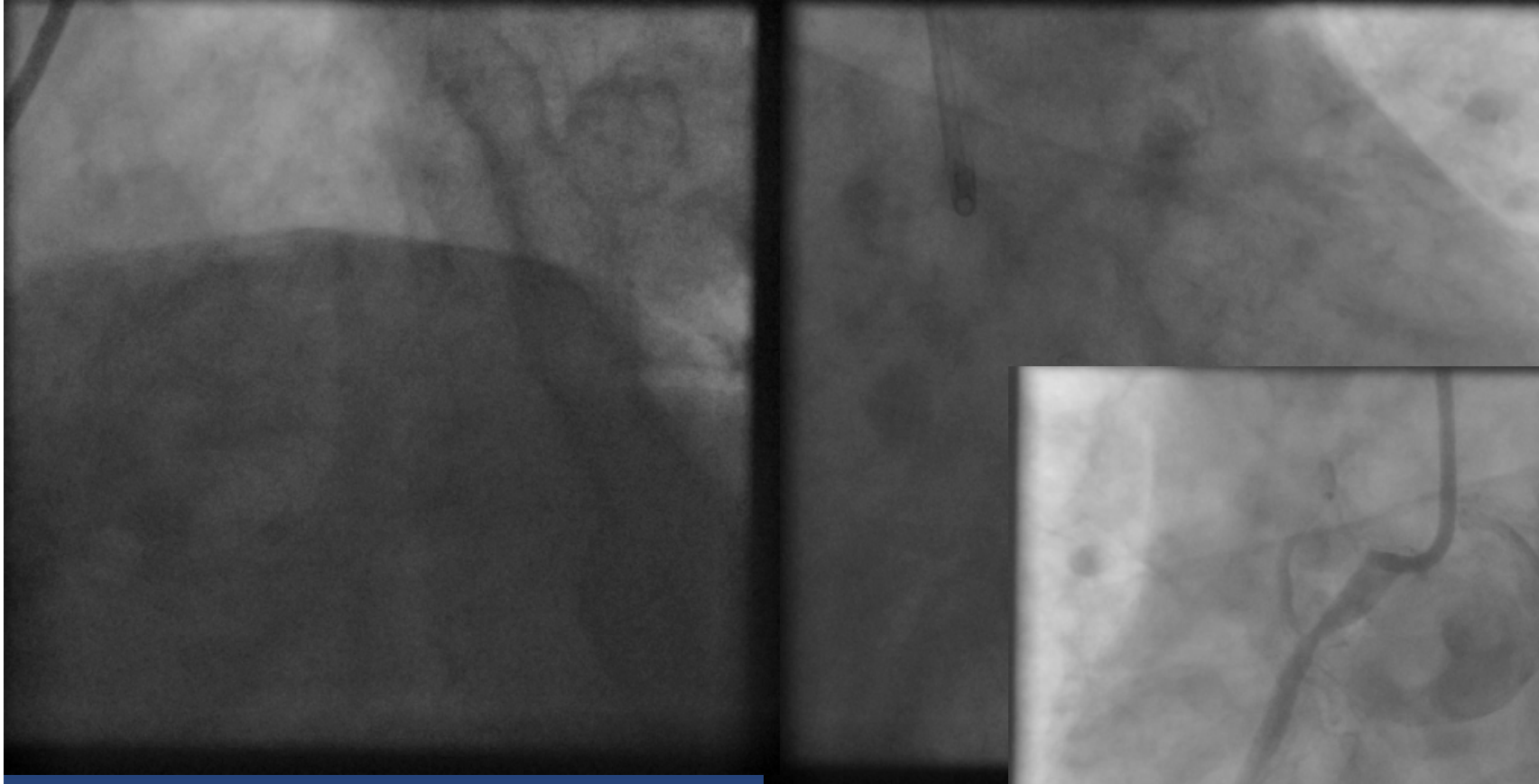
FFR



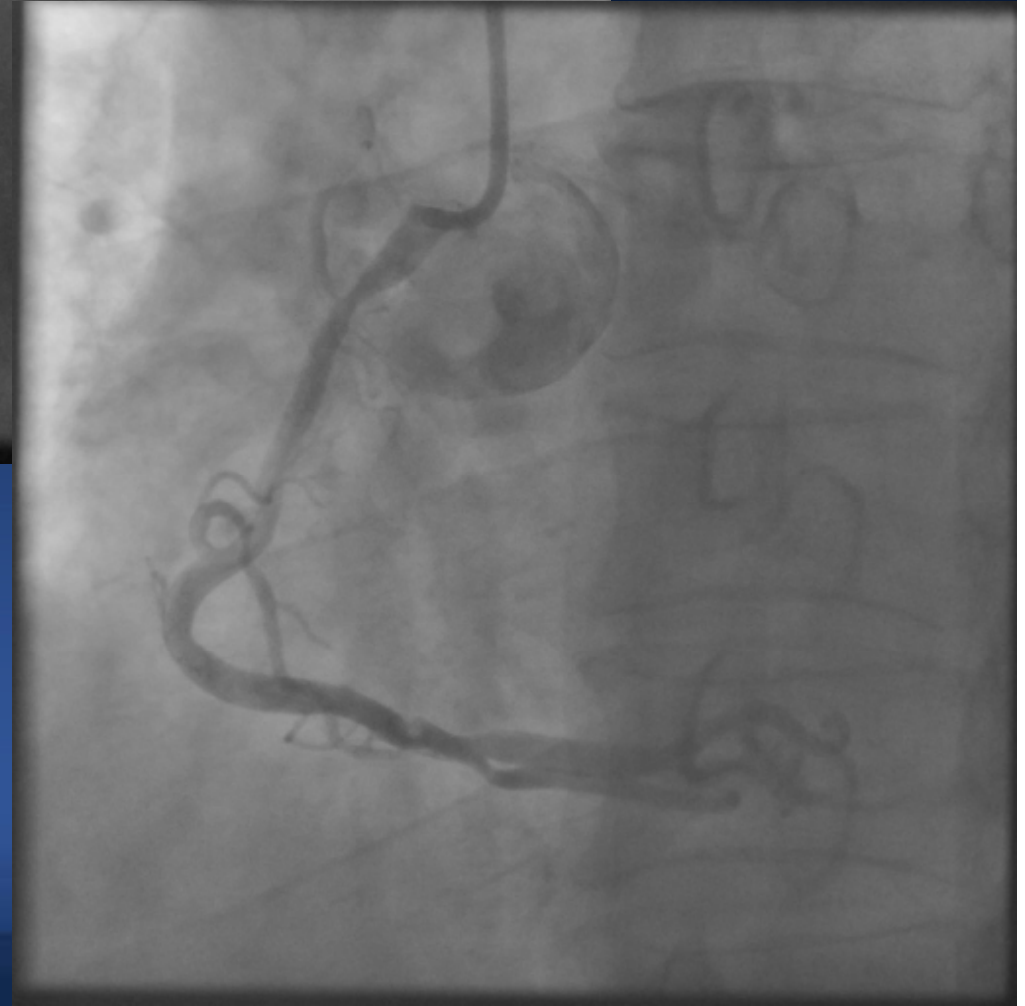
Case 3.

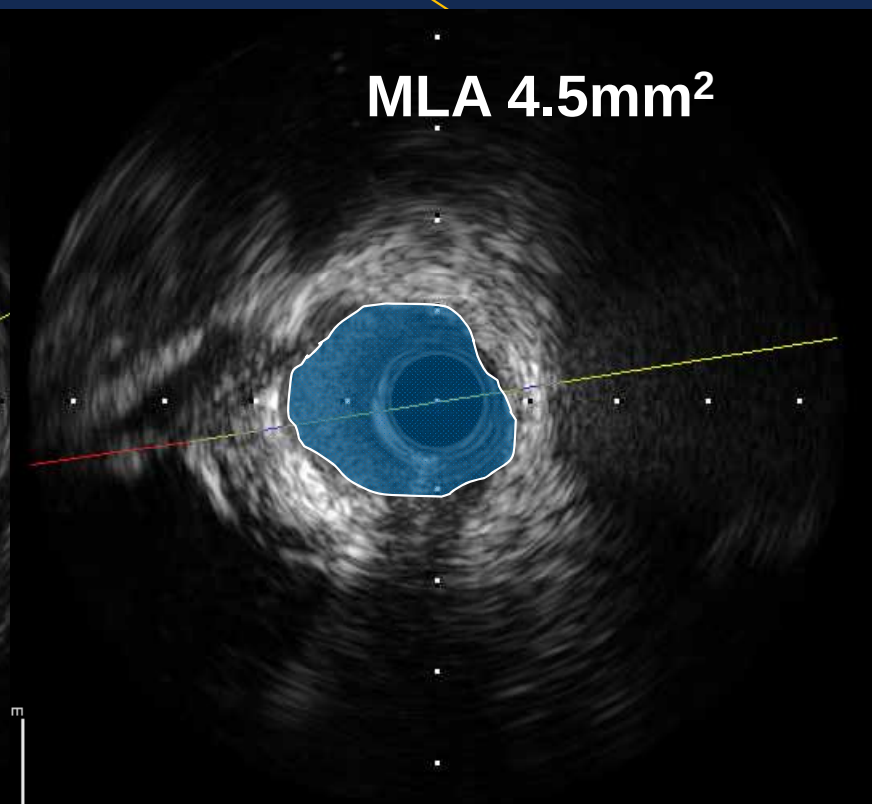
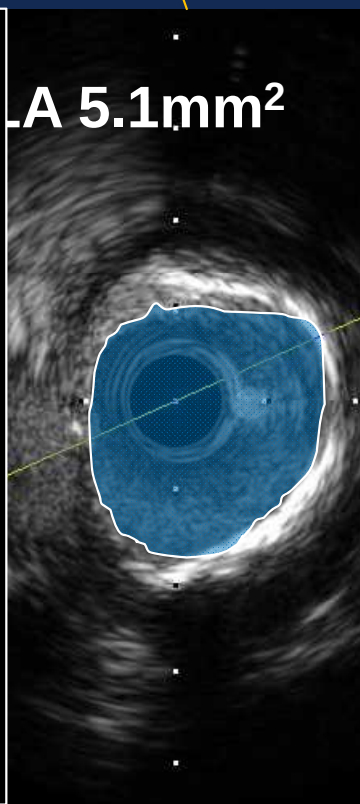
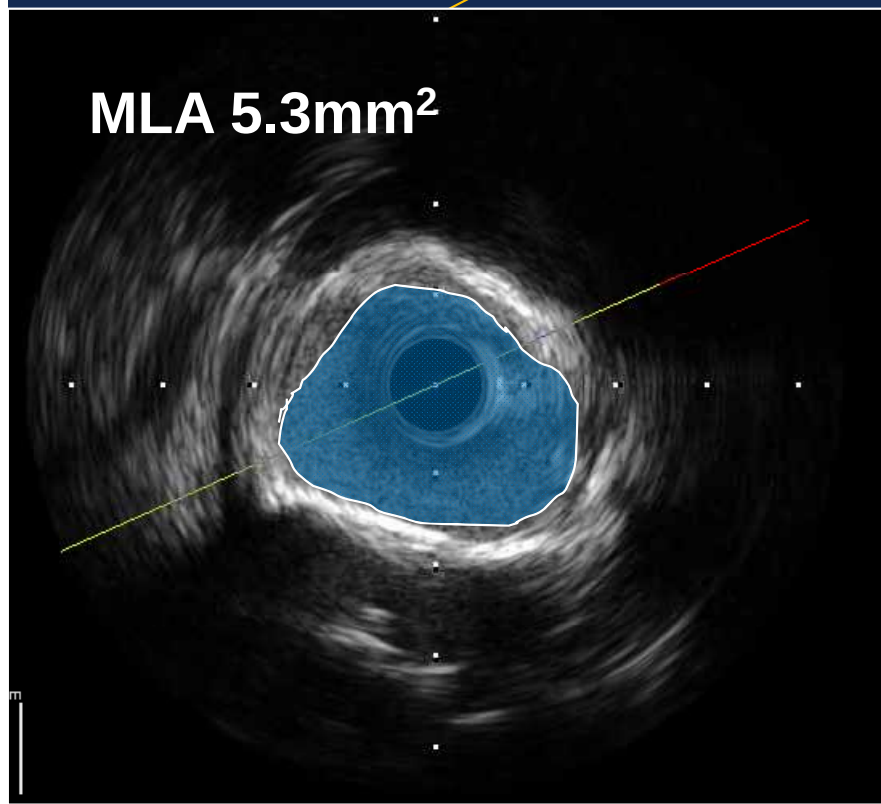
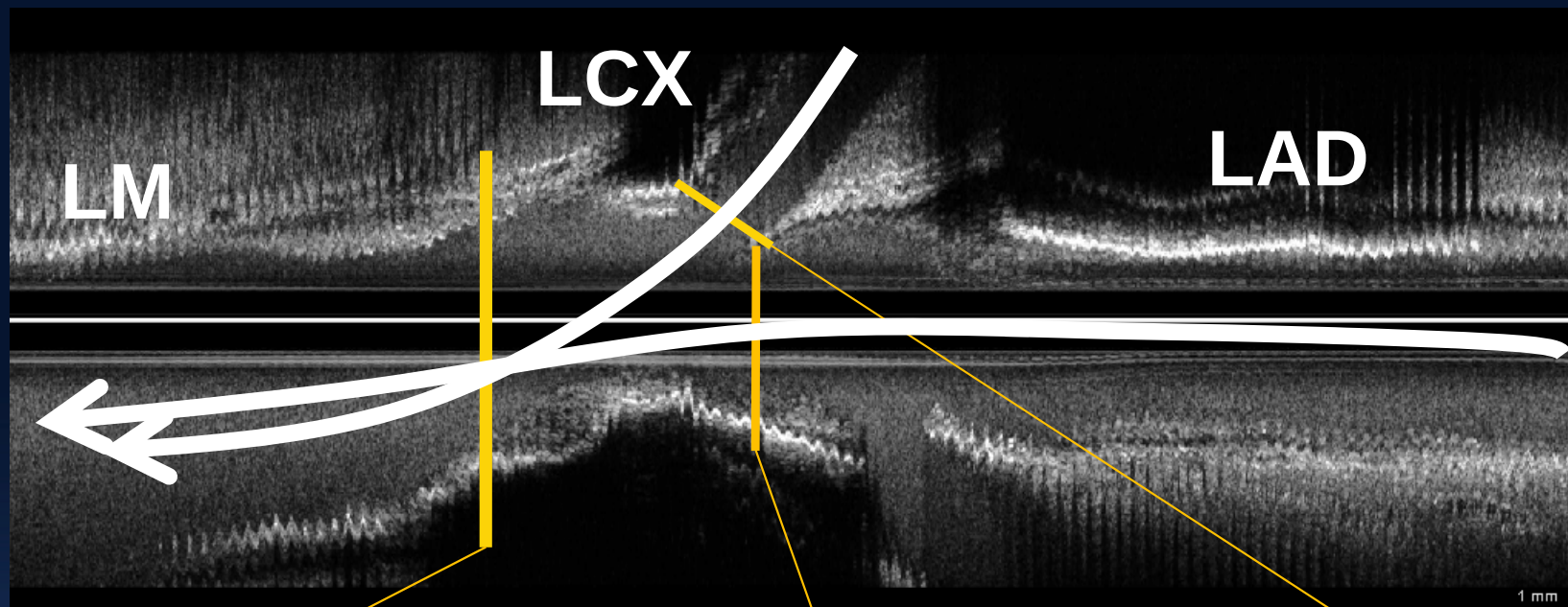
- F/67
- Chief complaint:
Atypical chest pain
CAG at other hospital
CABG was recommended
- Risk Factors
Diabetes, Hypertension

Coronary Angiography

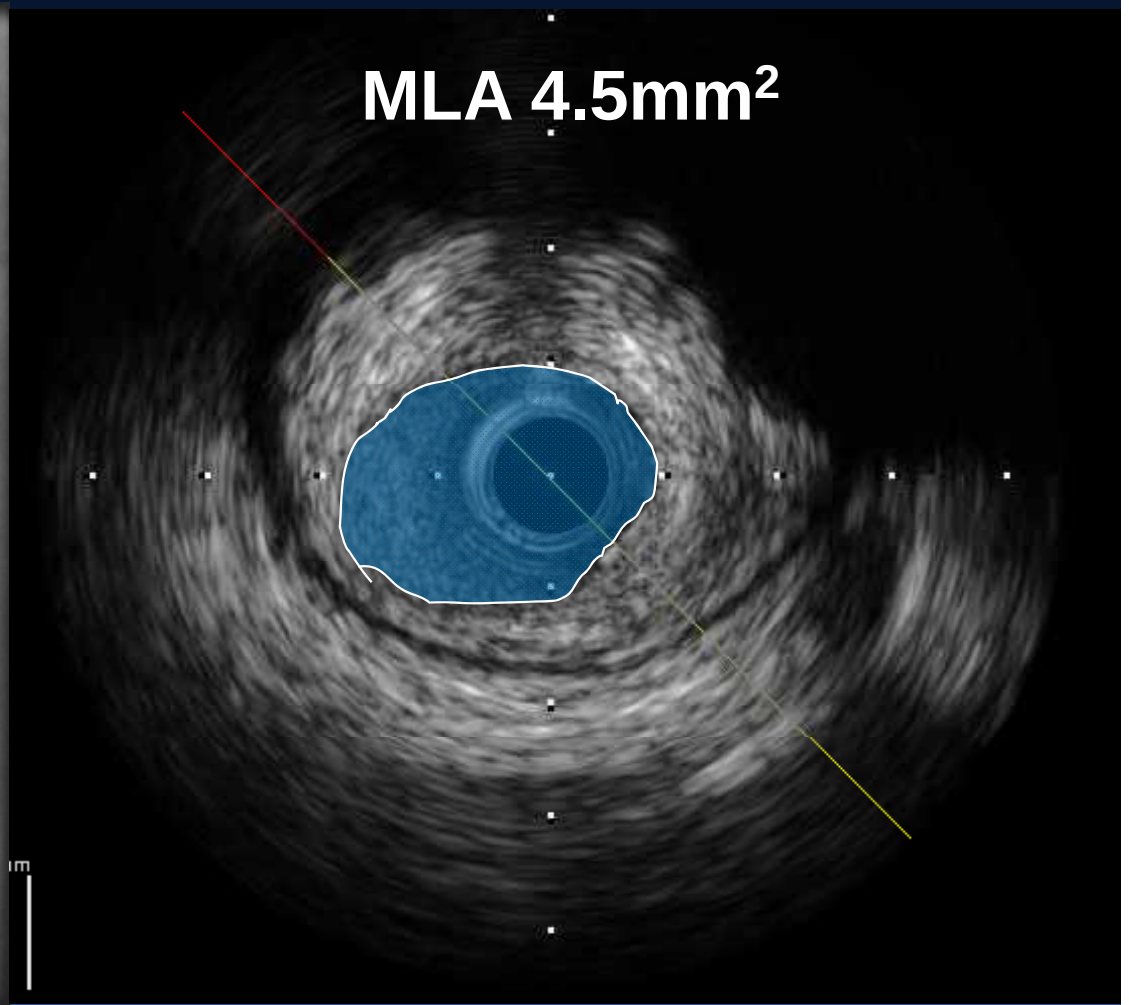
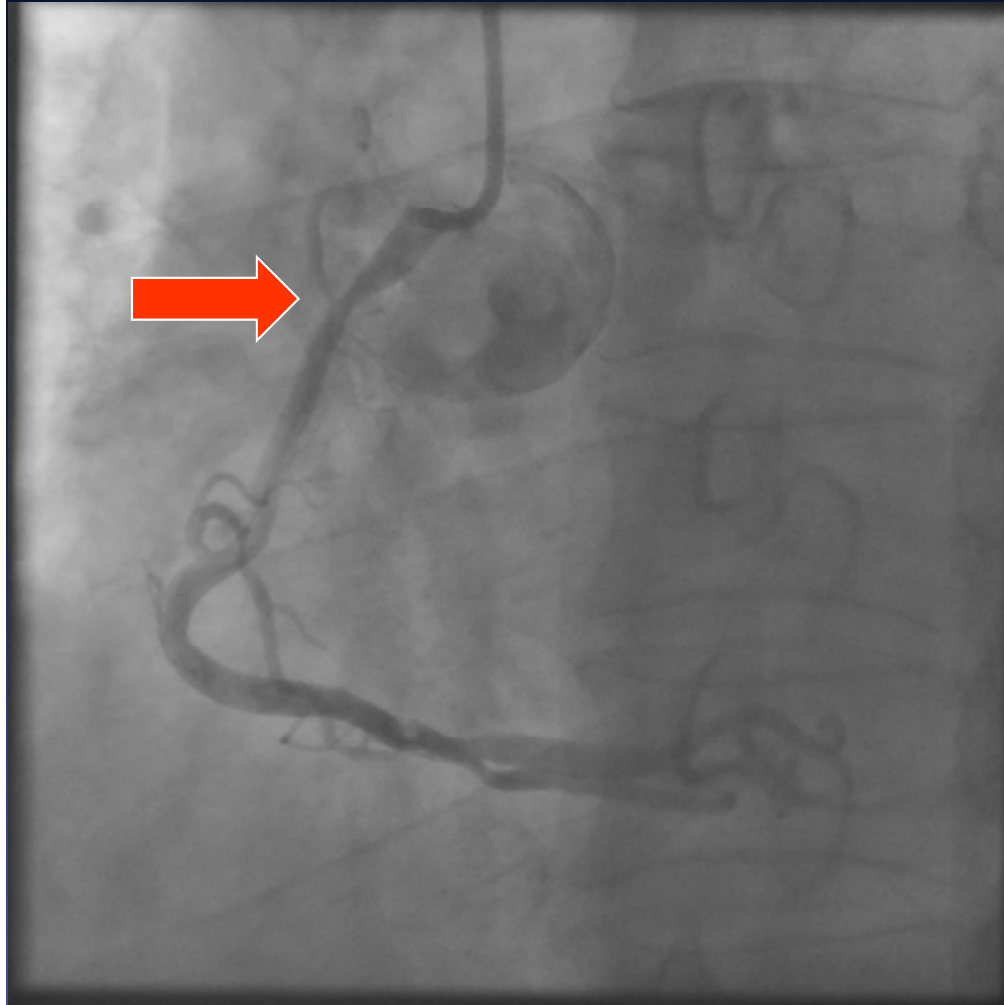


LM with 3VD

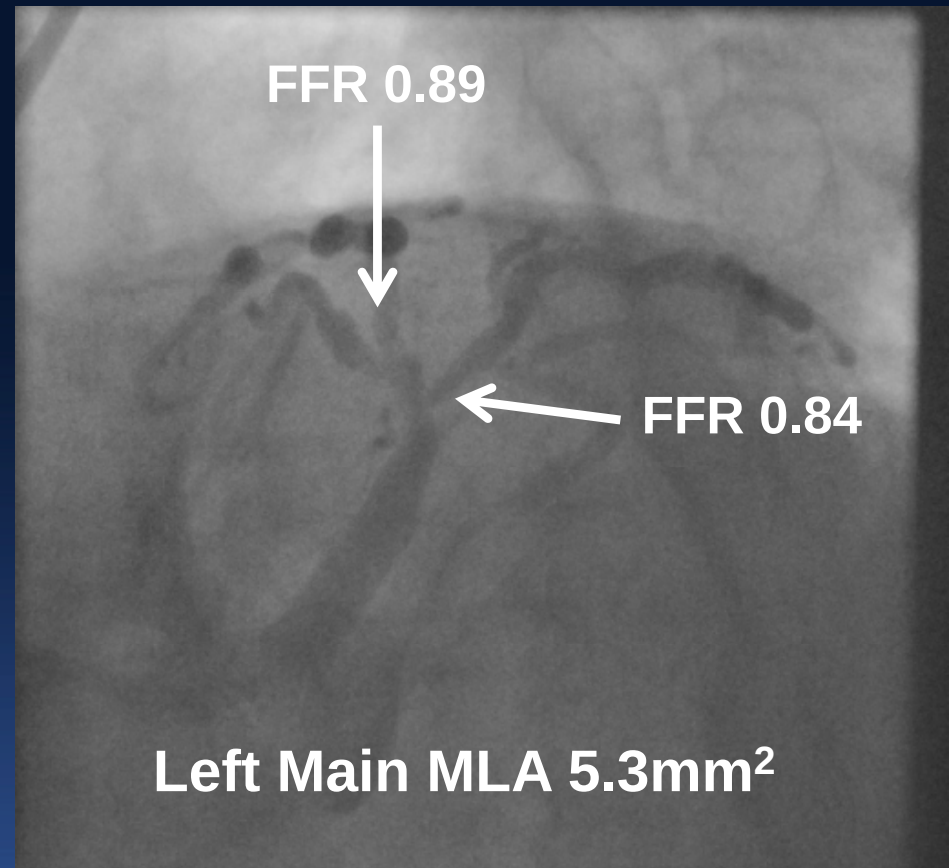
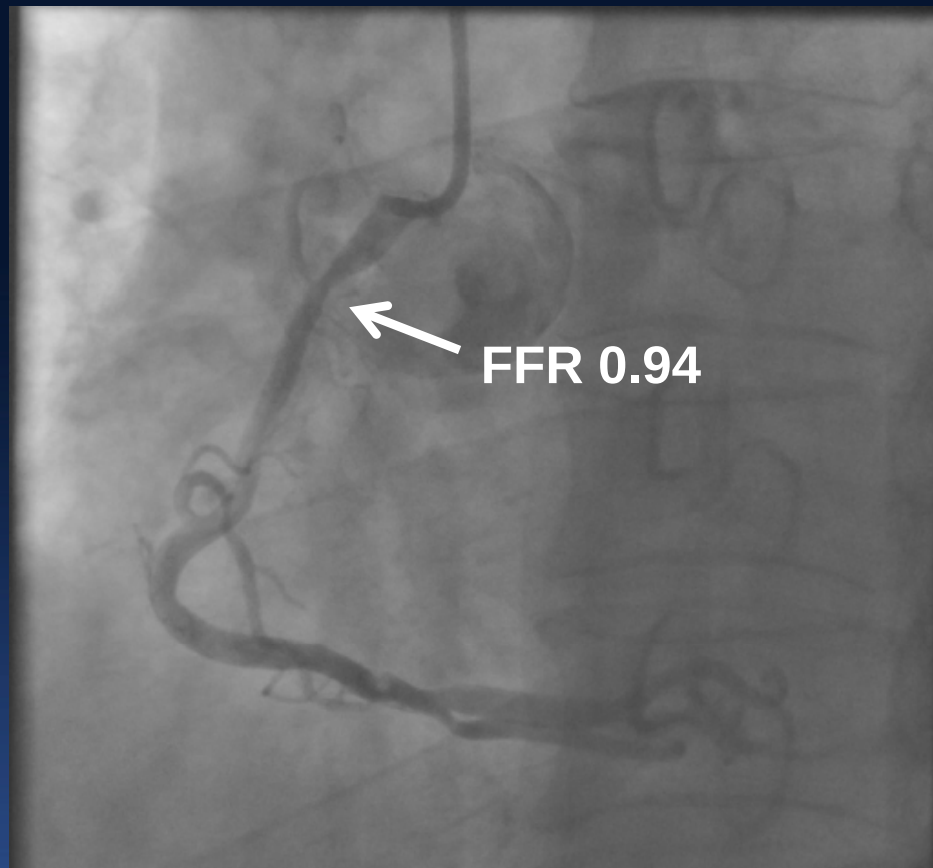




RCA



FFR



What Should We do?