



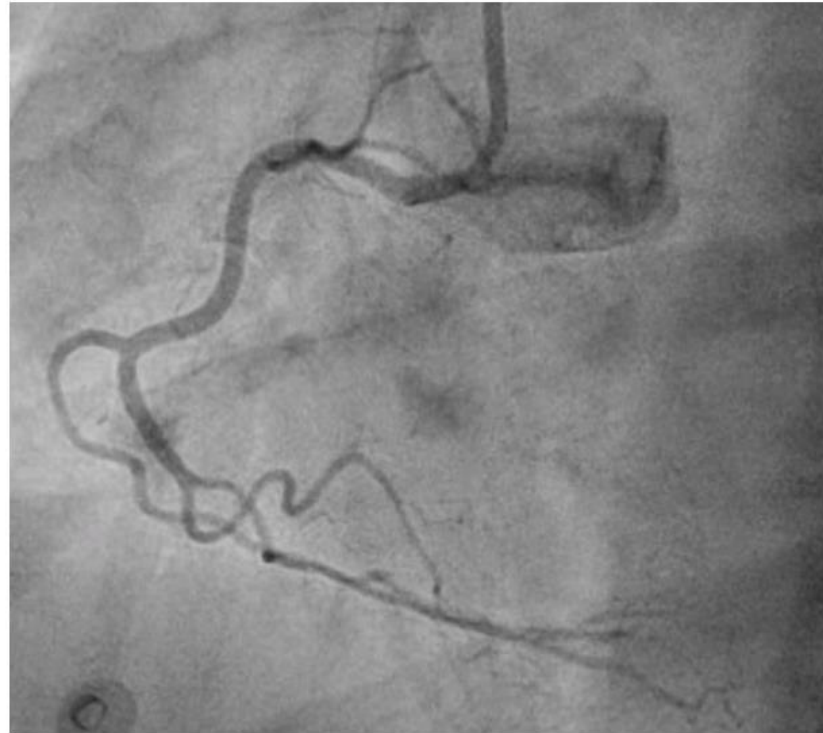
# Treatment of left main coronary artery aneurysm

Holvoet W., MD

- None

- 56-year-old female patient
- Medical history
  - Hypertension, hypercholesterolemia
  - 2013 SCAD distal LAD
- Clinical presentation with thoracic pain reacting on nitroglycerin, troponin 24ng/mL

# Coronary angiogram

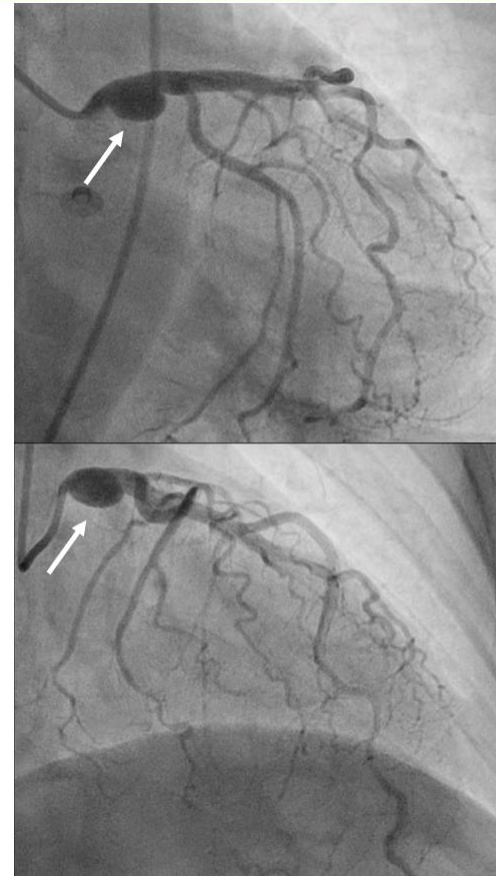


# Coronary angiogram 2013 vs 2020

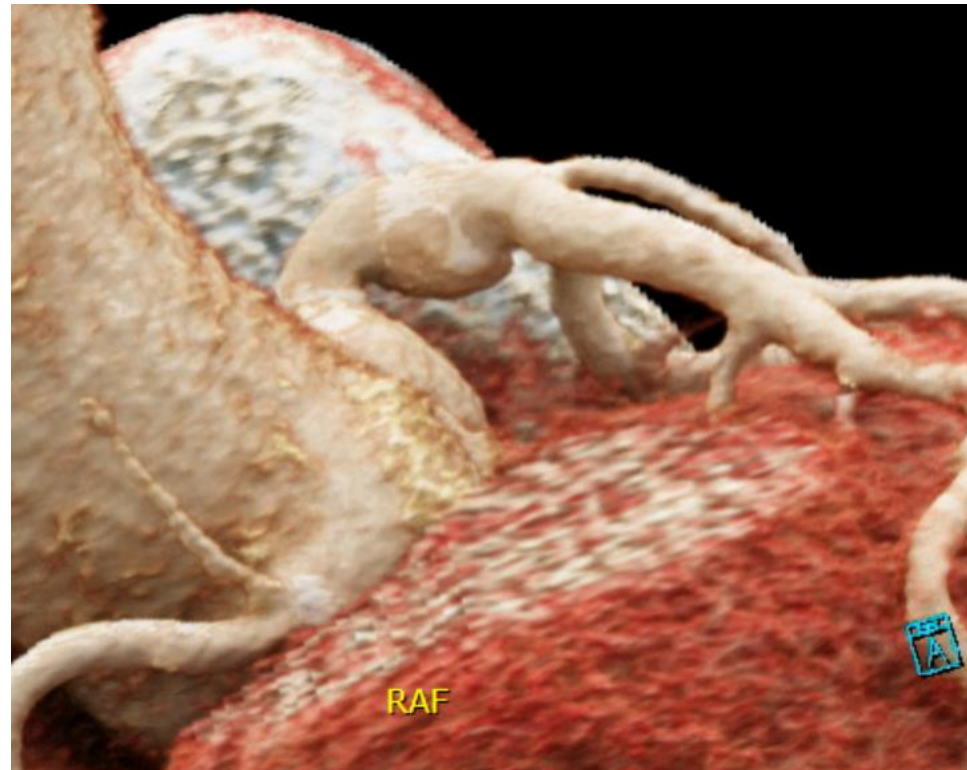
2013



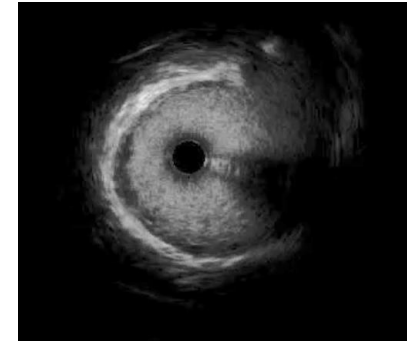
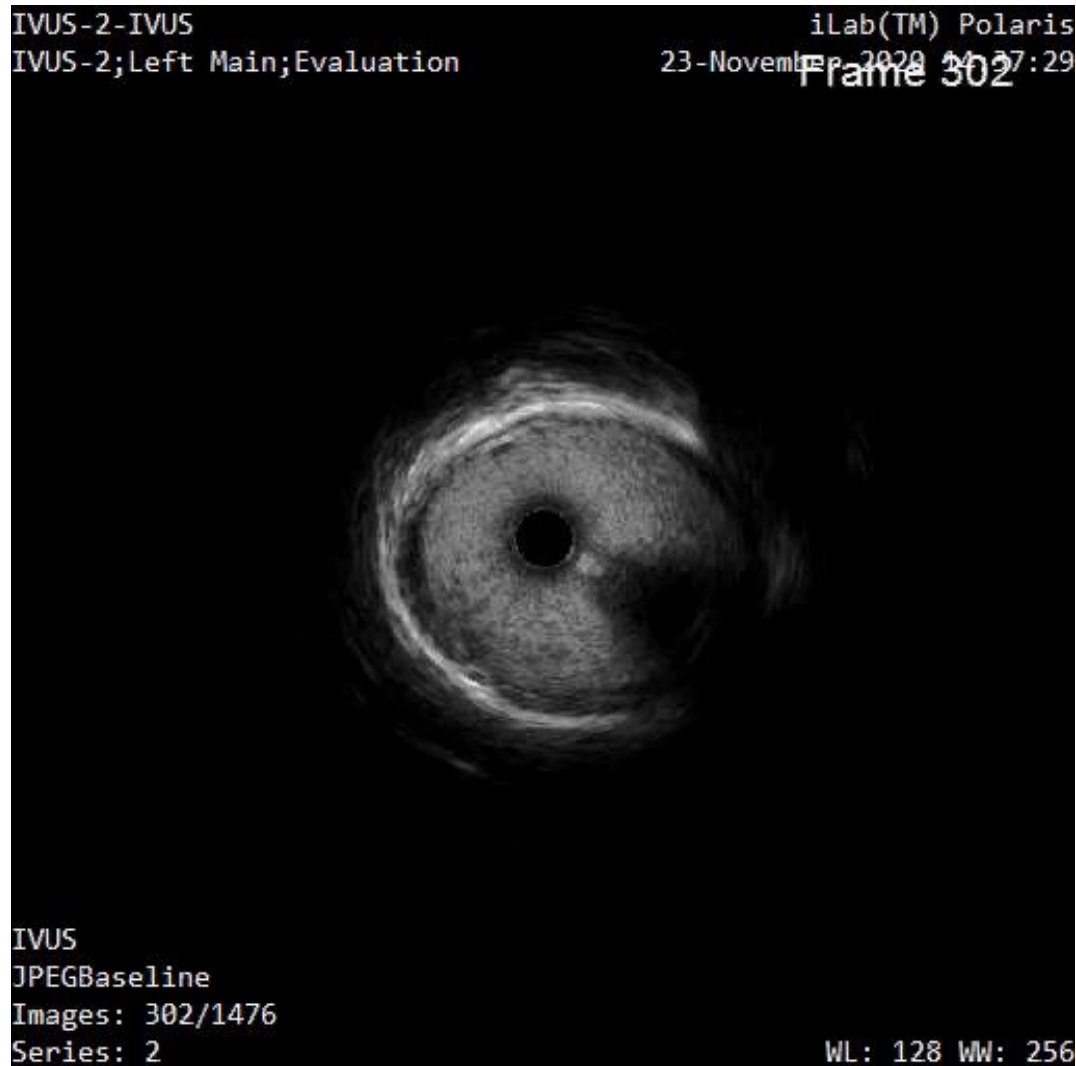
2020



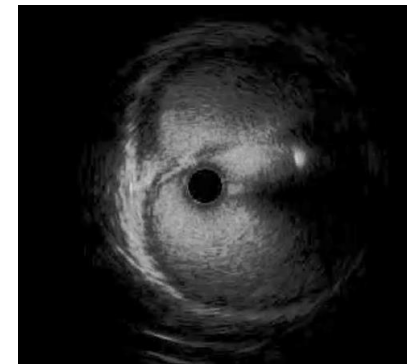
- Consensus for treatment
- Surgery vs interventional treatment



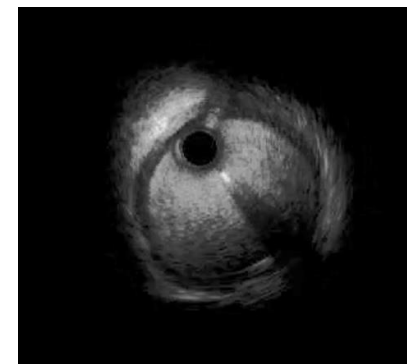
# IVUS before PTCA



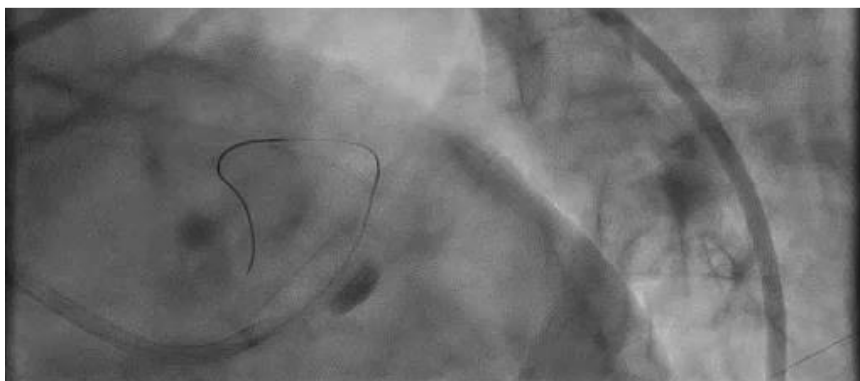
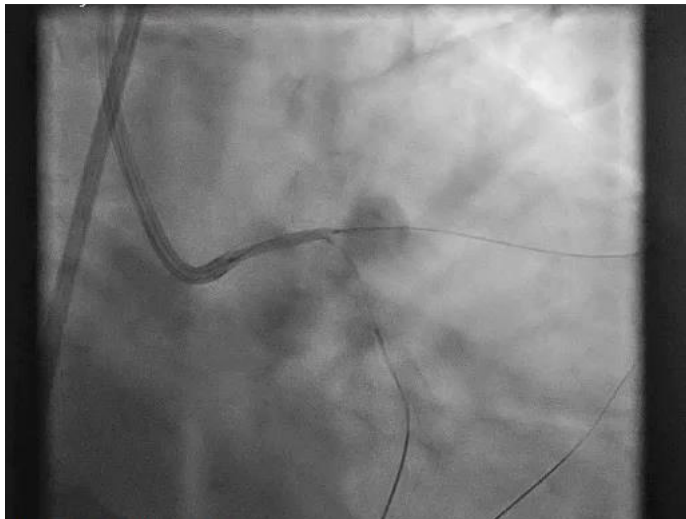
Bifurcation level



Prox aneurysm

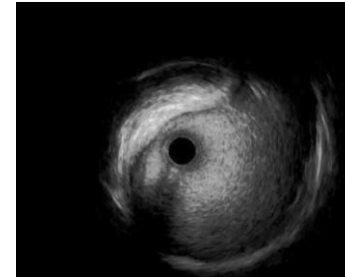
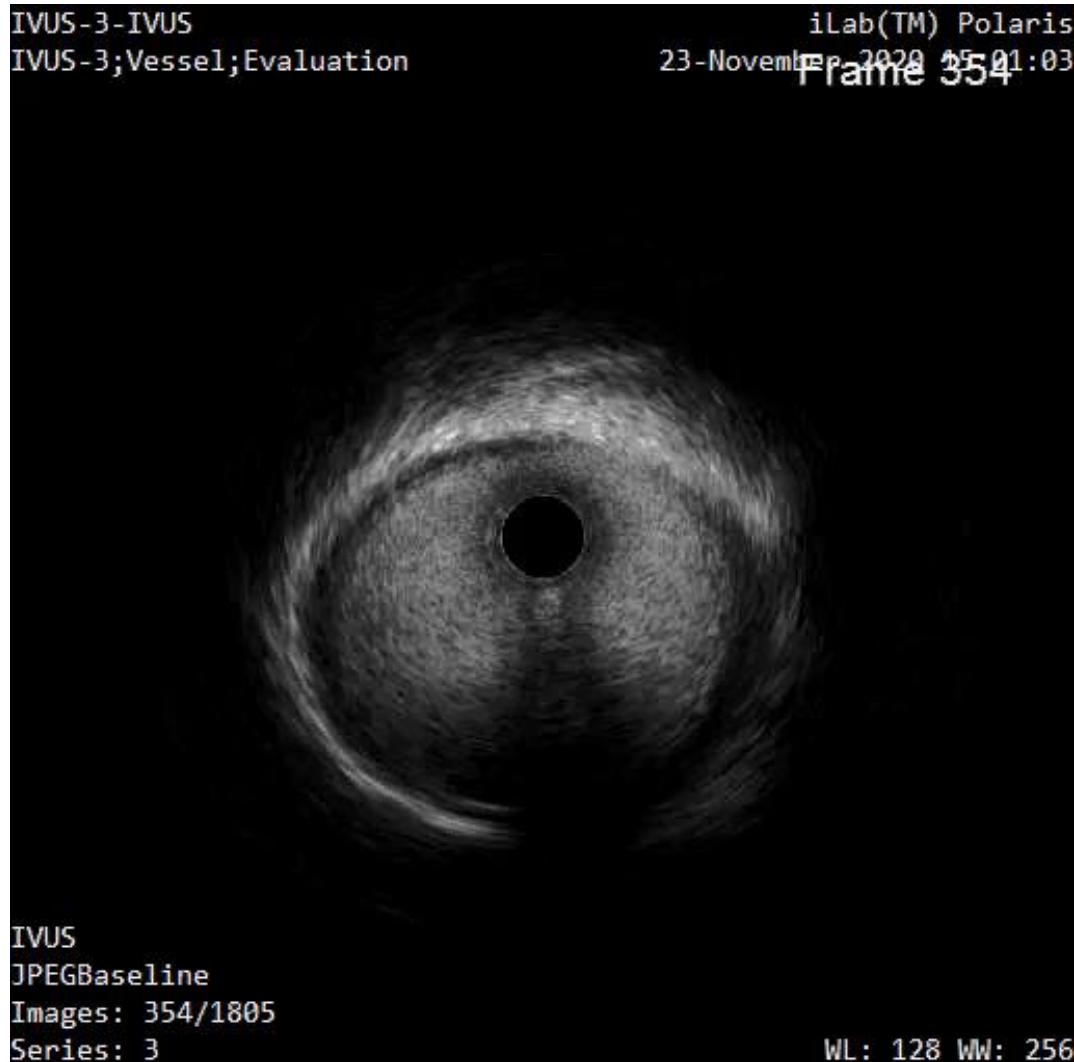


Prox LM

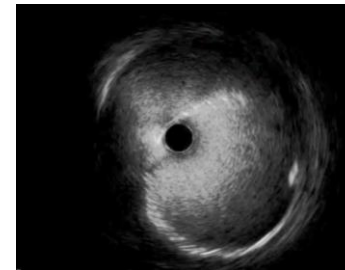




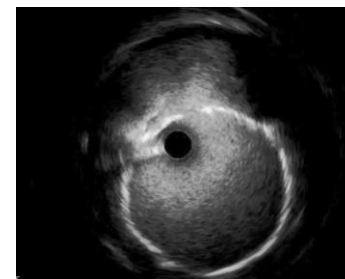
# IVUS before PTCA



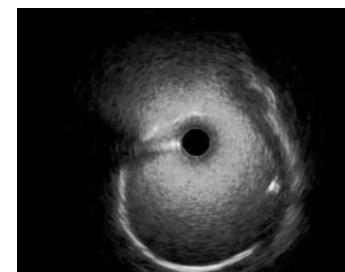
Bifurcation level



Distal edge stent



Mid stent



Prox edge stent

- Thrombosis of aneurysm?
- Consideration of flow diverter or coiling if necessary

