

OCT in Calcium Detection and Treatment Planning

Dr Norman Said Vega Servín

Medicina Interna en el INCMNSZ.

Cardiología Clínica en el INCICH.

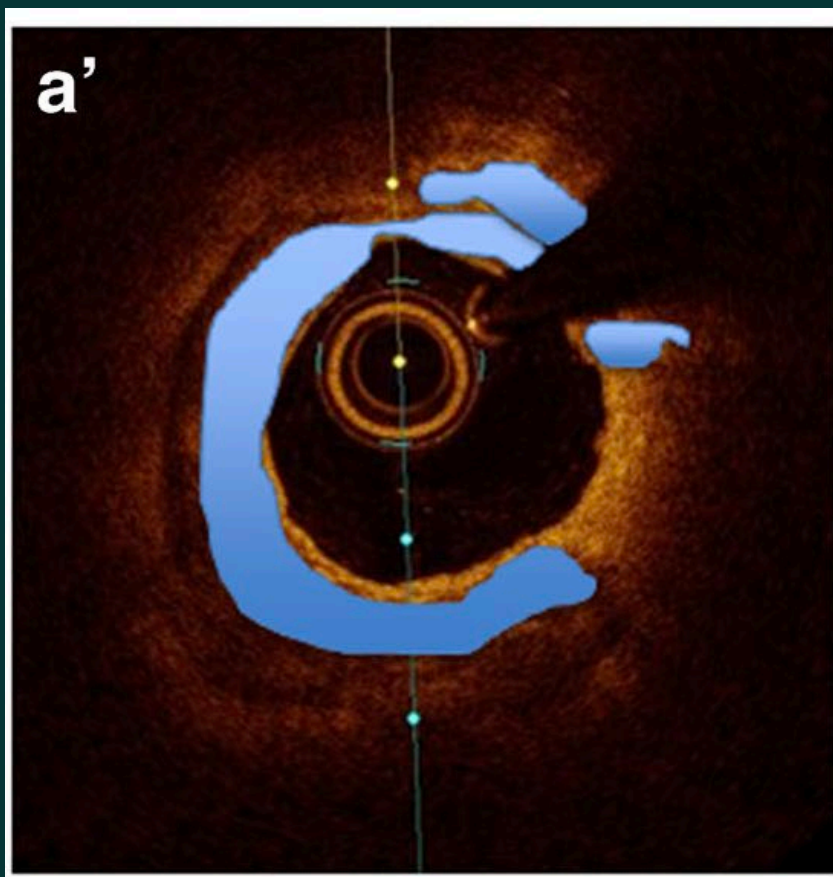
Intervencionismo estructural y cardiopatías congénitas del adulto
INCICH.

Advance coronary imaging and Intervention, McMaster, Canada.

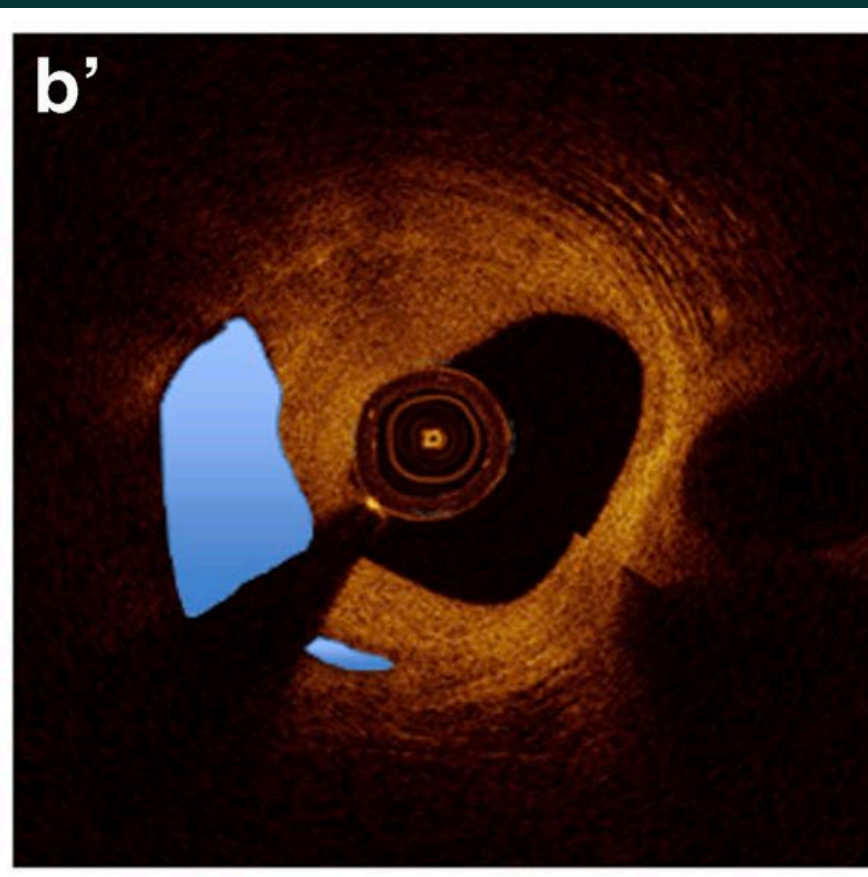
Adjunto de hemodinamia INCICH

Classification

Location in the Vessel

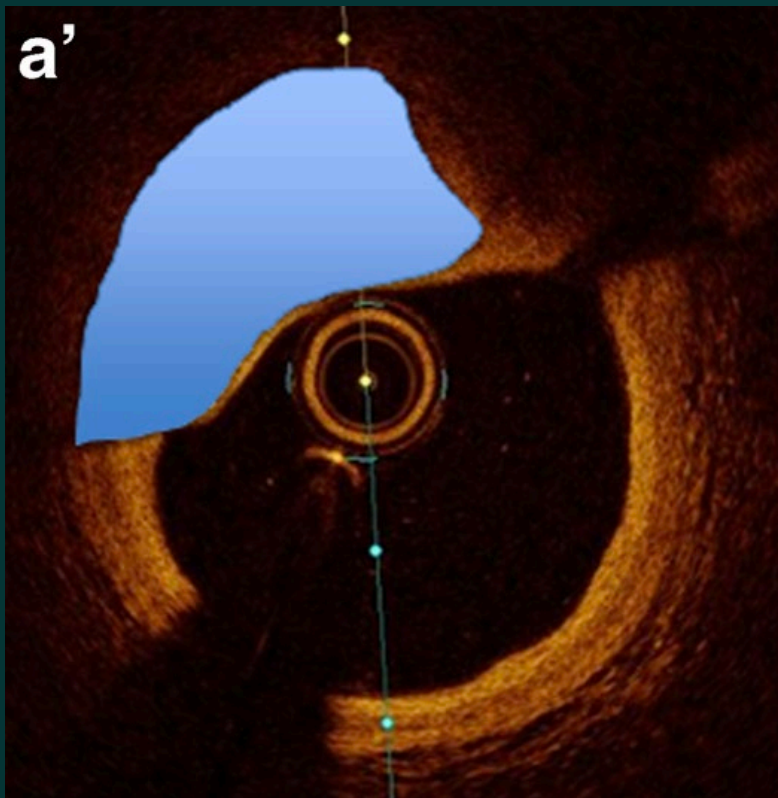


Superficial Calcium

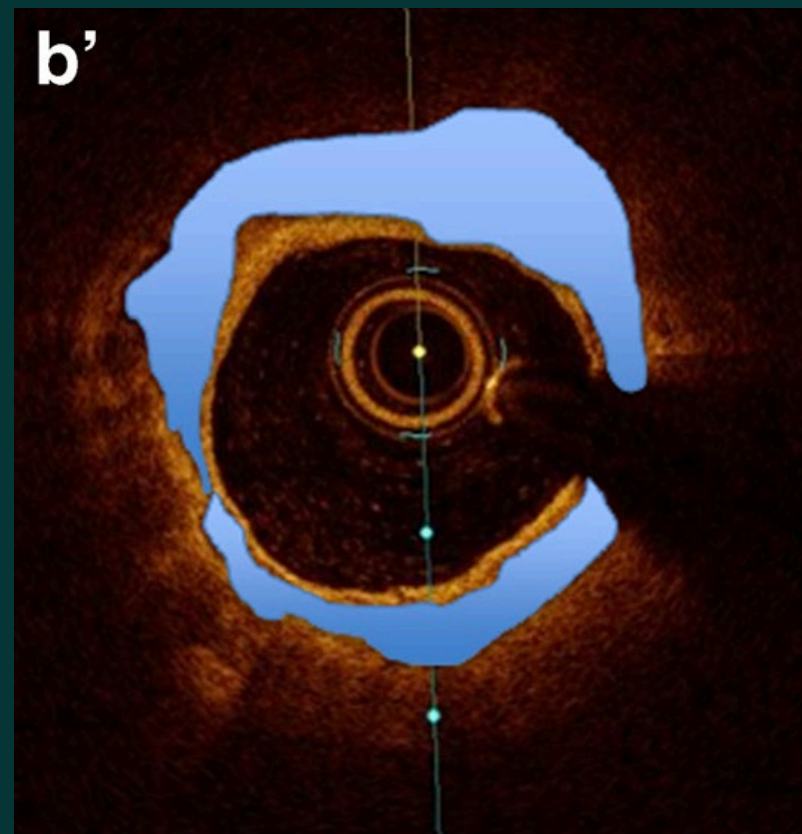


Deep Calcium

Classification Extension

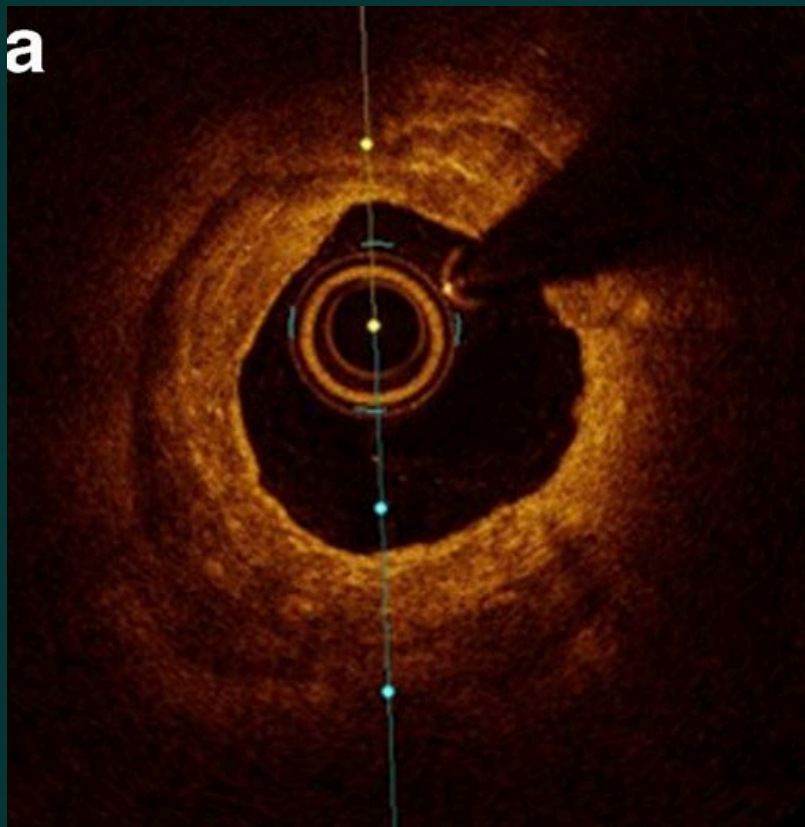


Eccentric calcium

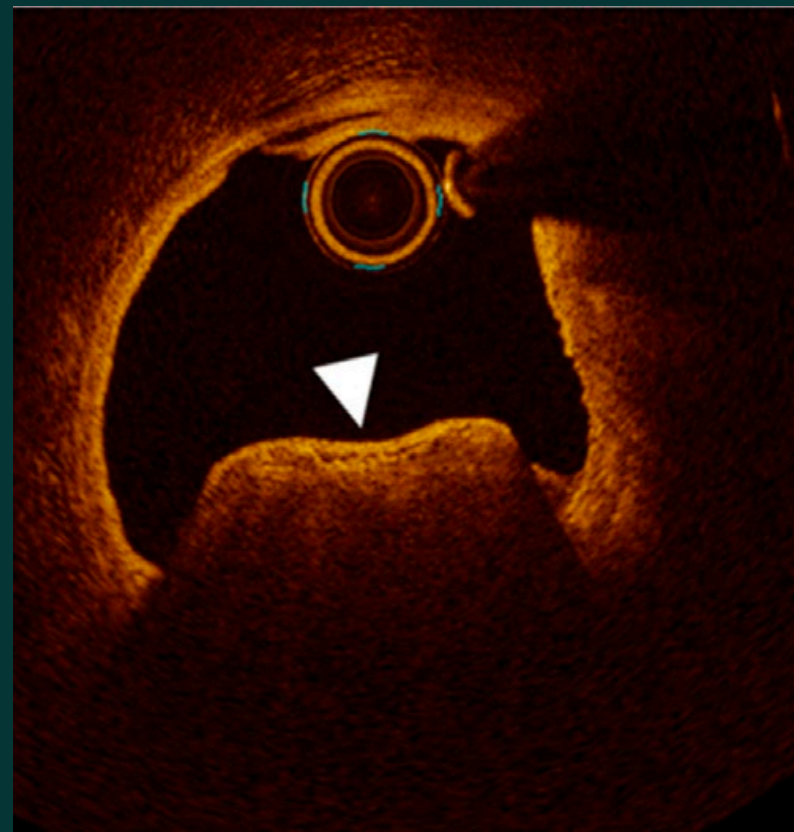


Concentric calcium

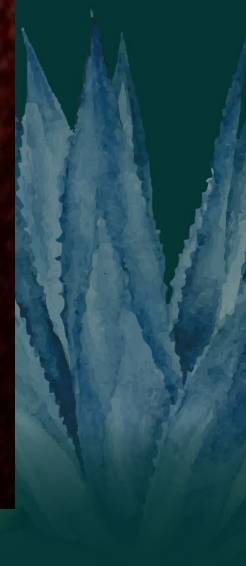
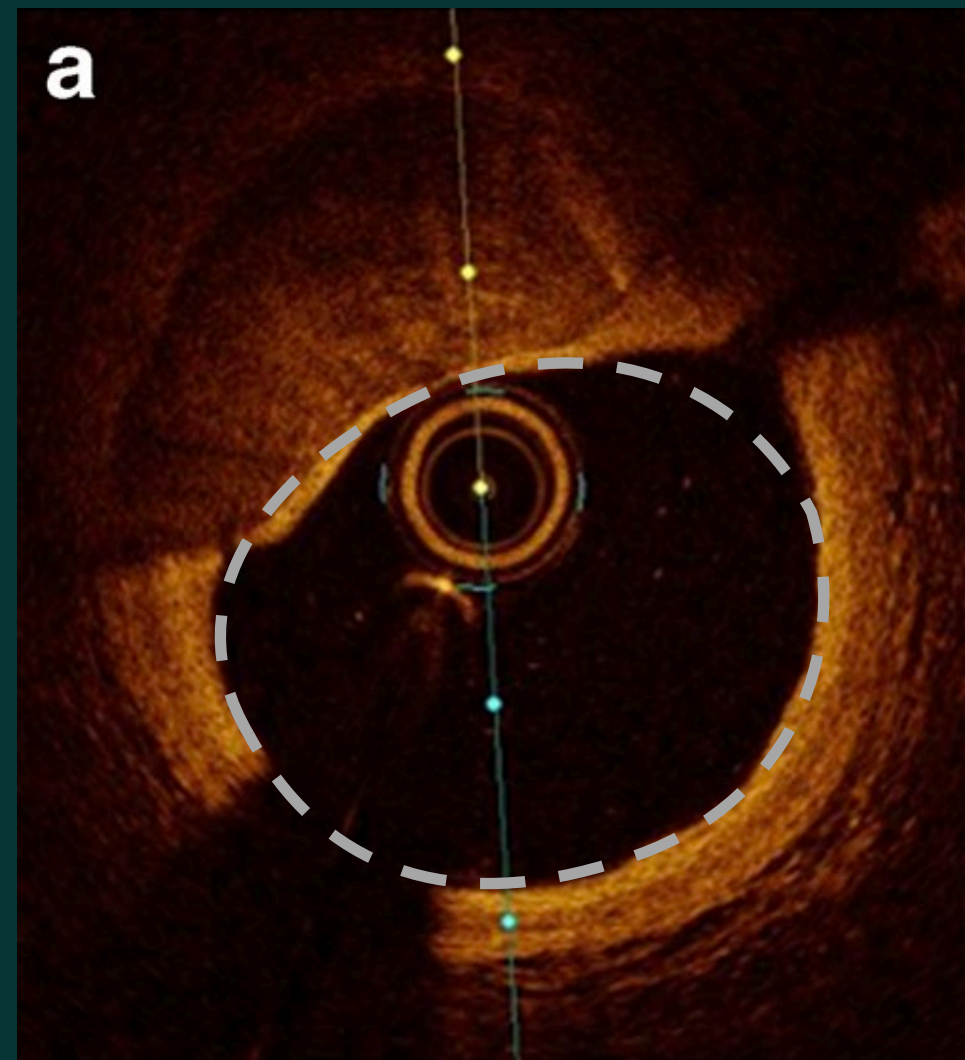
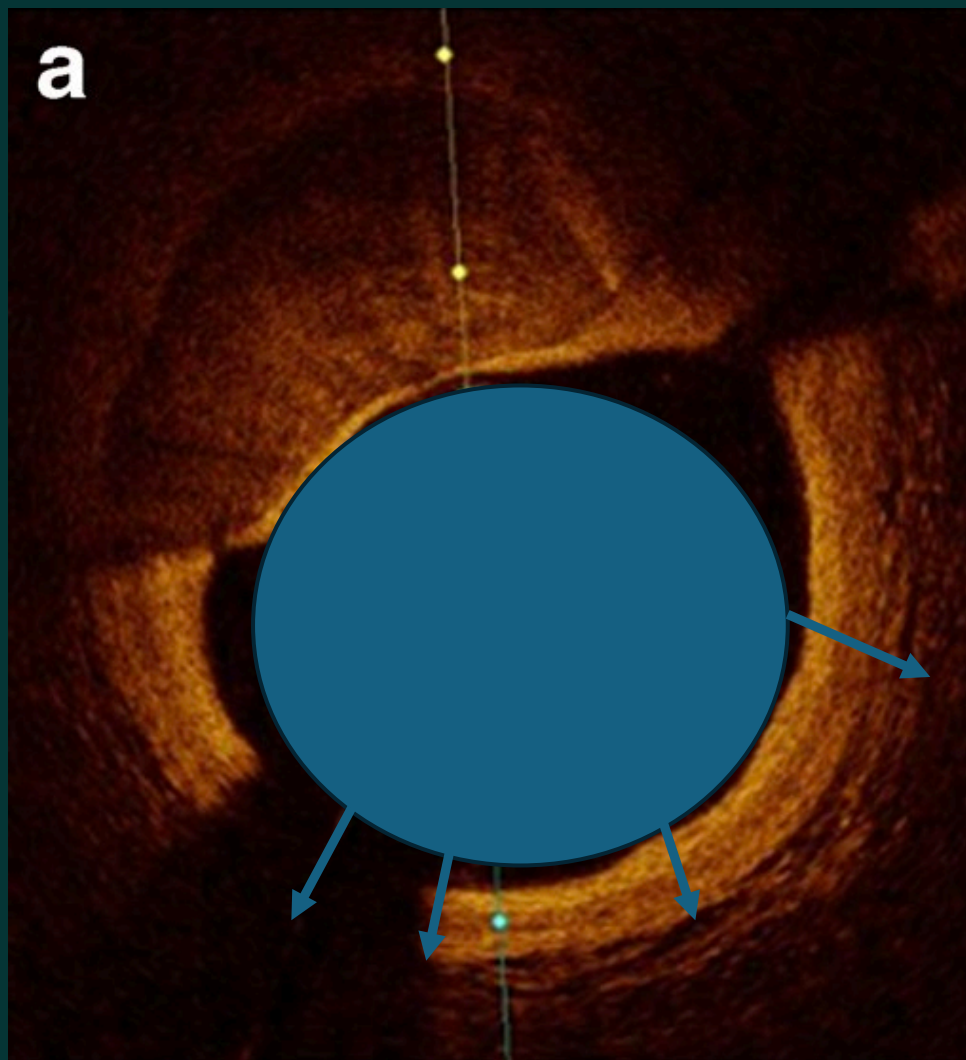
Classification Morphology

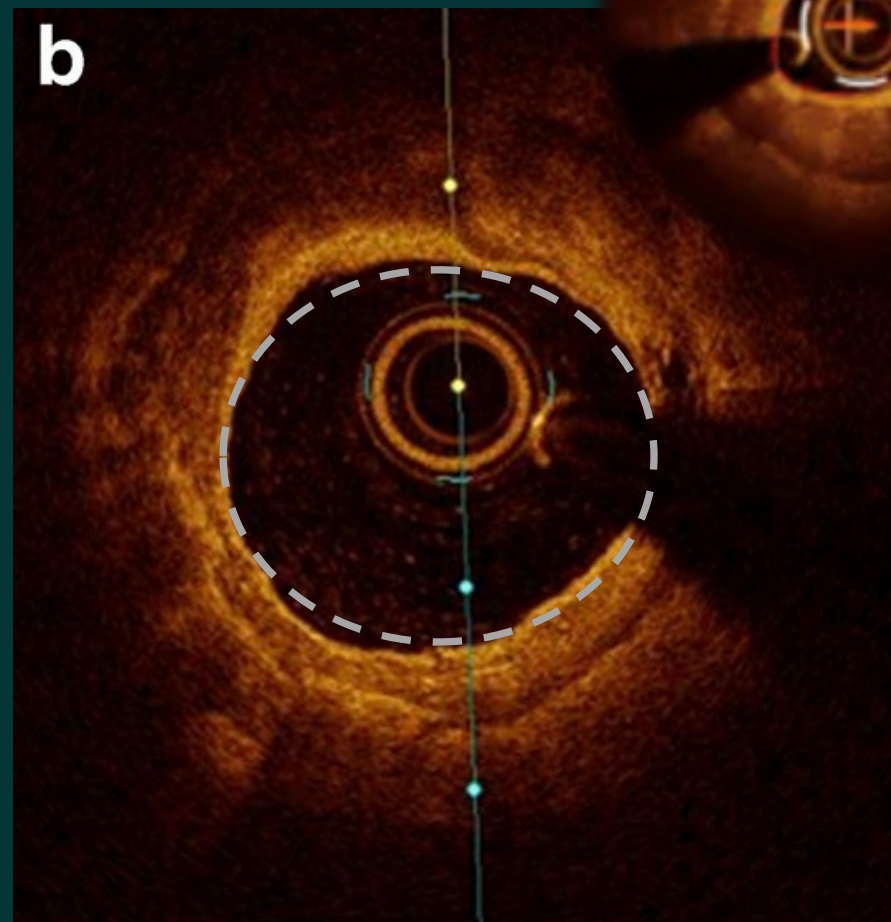
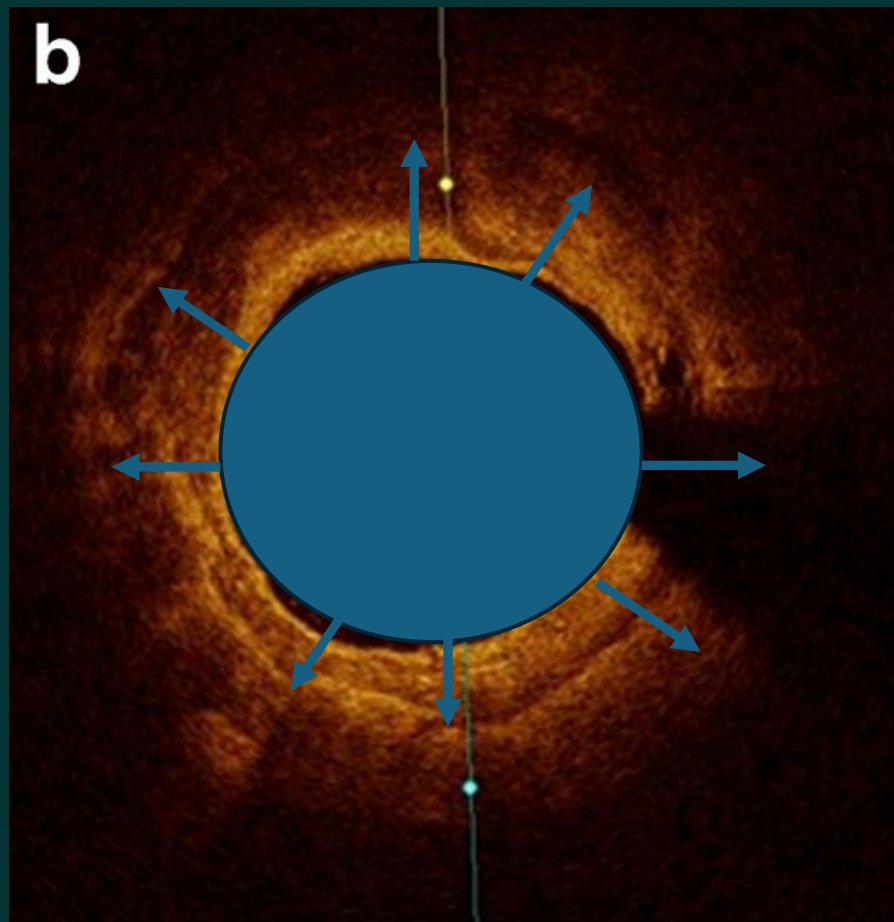


Superficial calcium

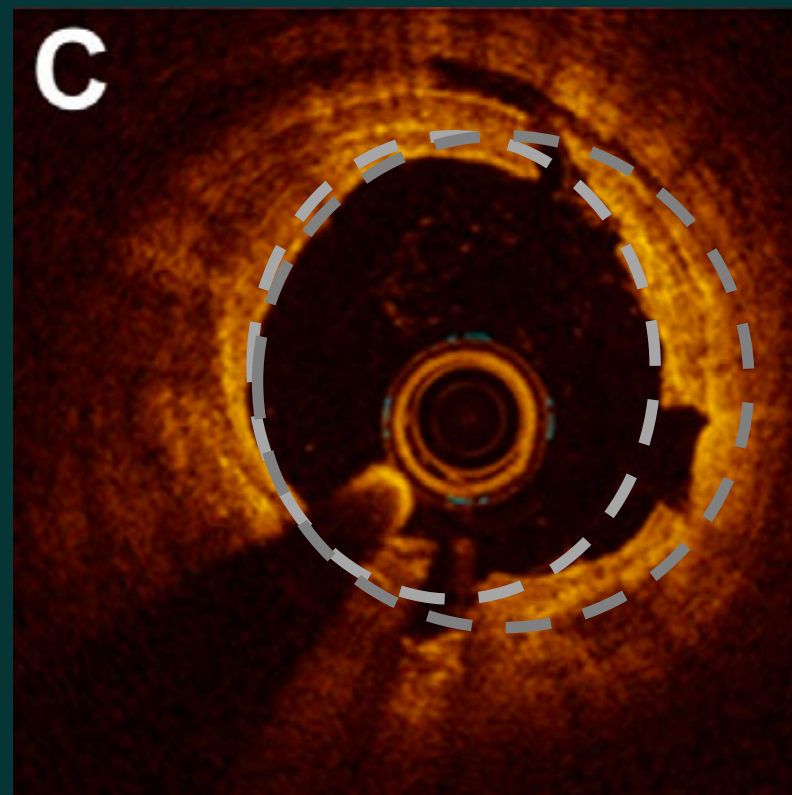
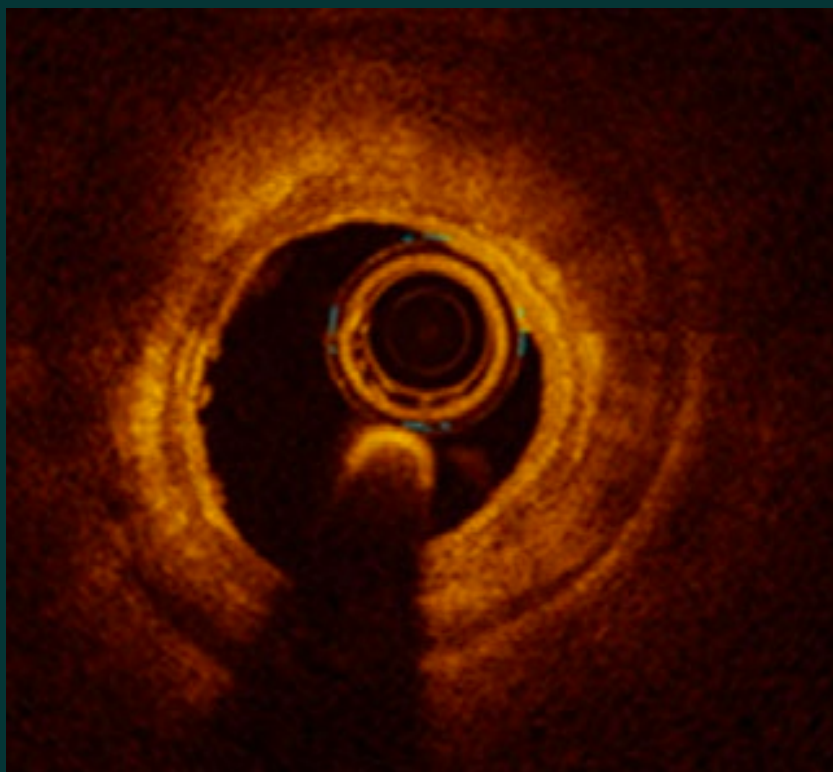


Calcium Nodule

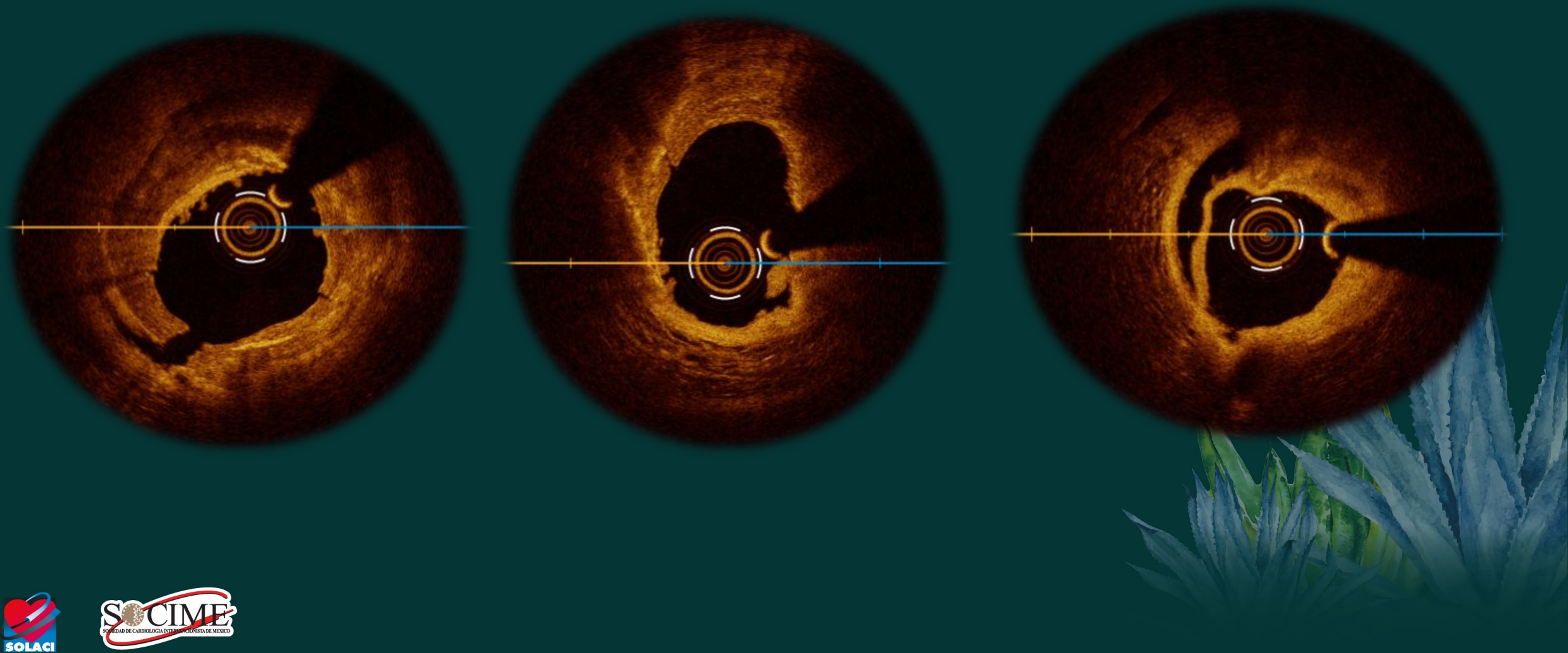




Calcium Modification

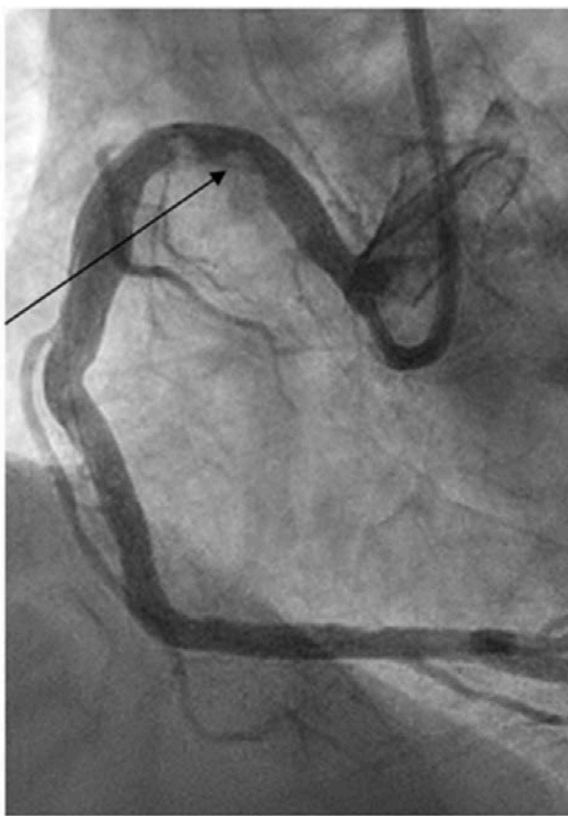
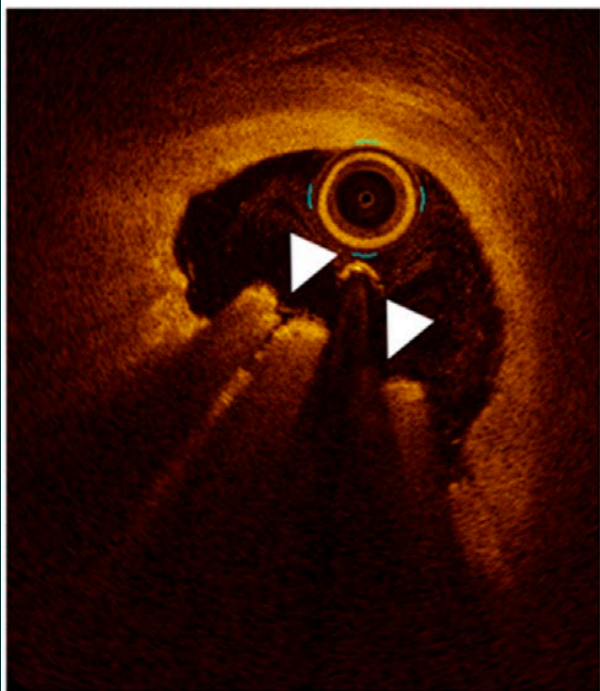


Modification of surface calcium

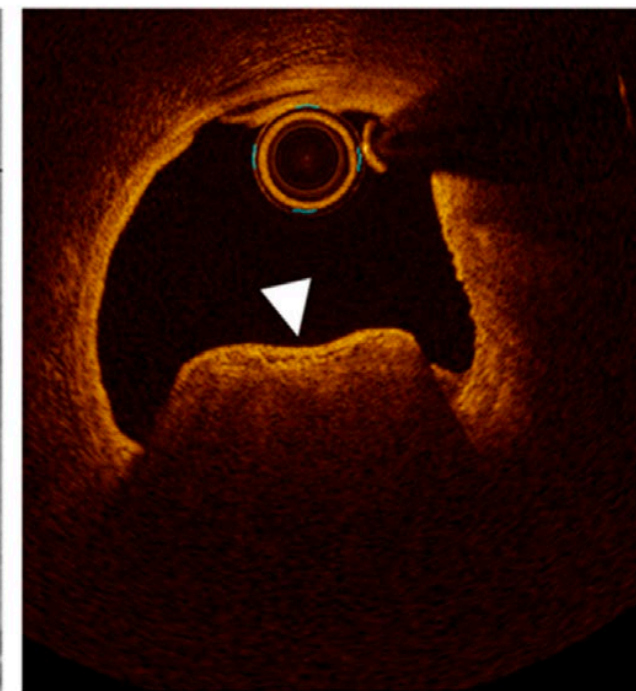
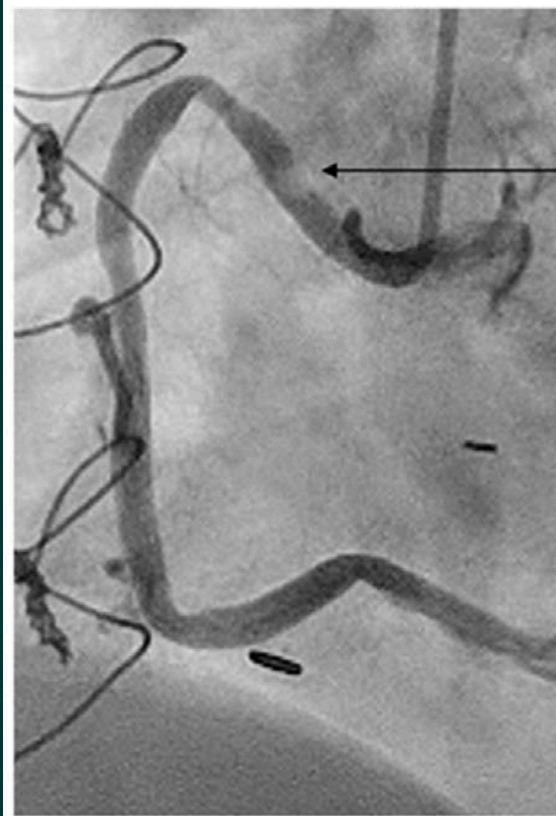


Calcium Nodule

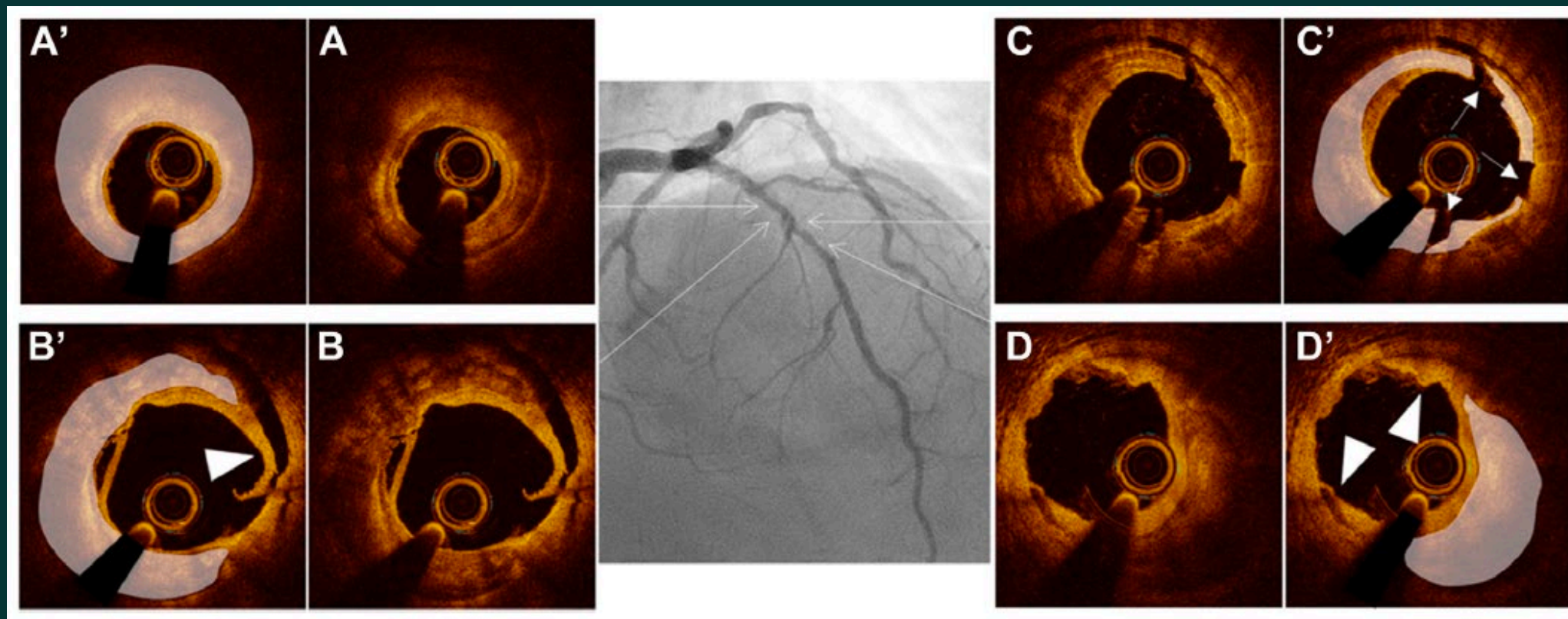
Eruptive CN



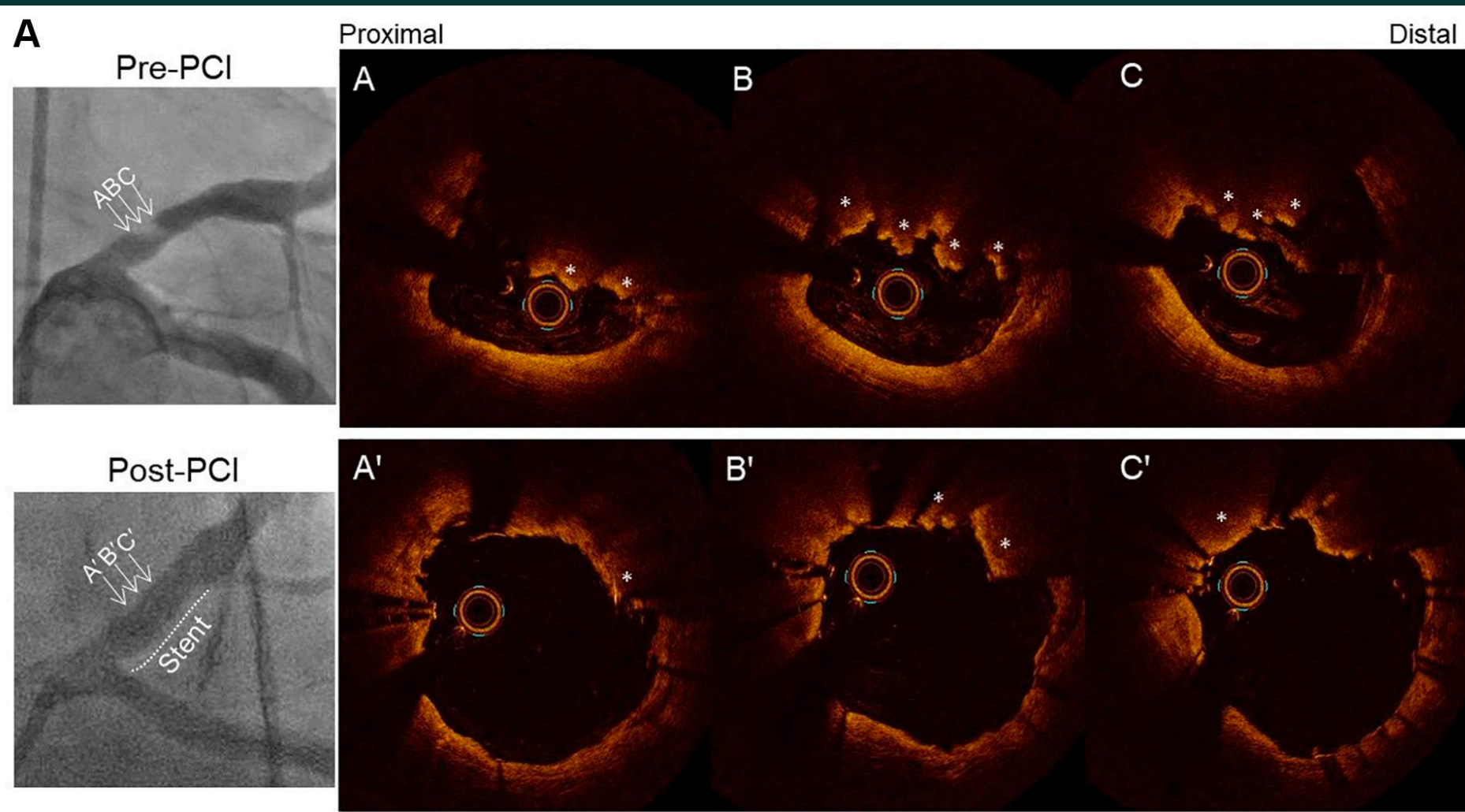
Non-eruptive CN



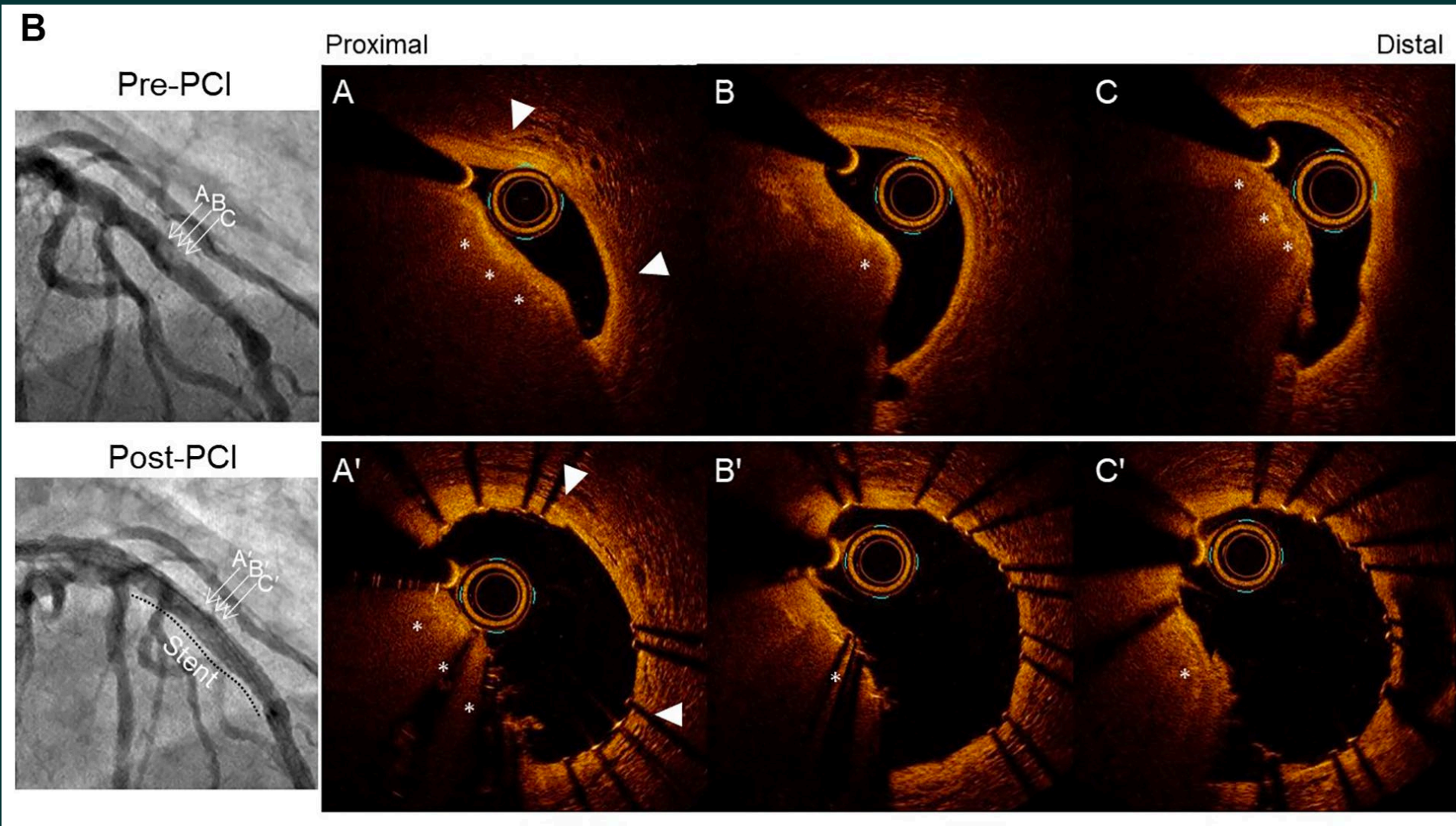
Length of the lesion



Eruptive Nodule

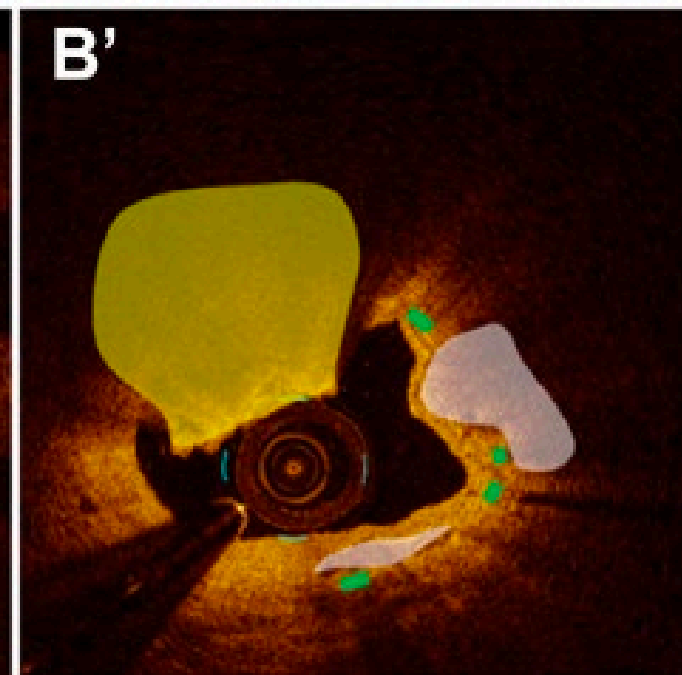
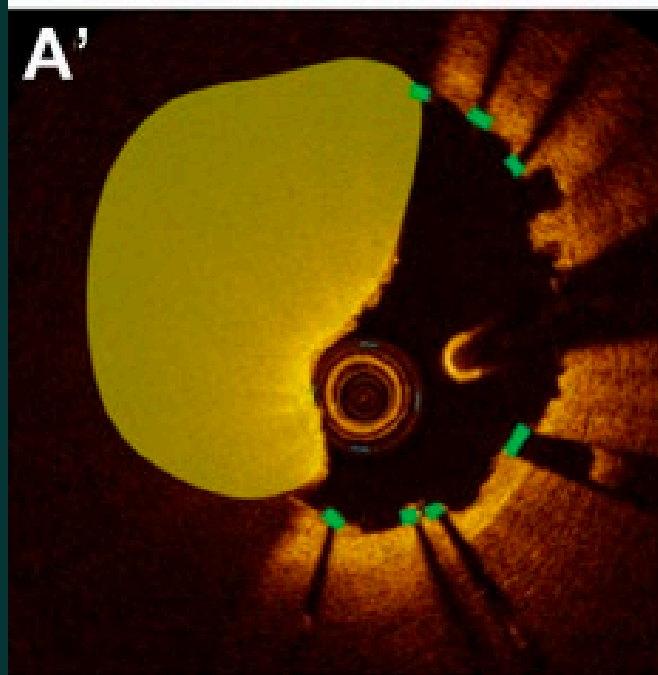
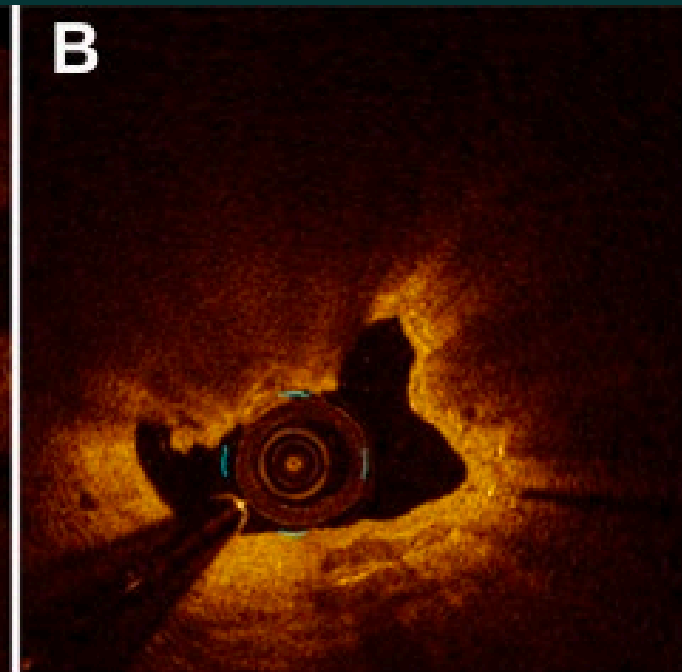
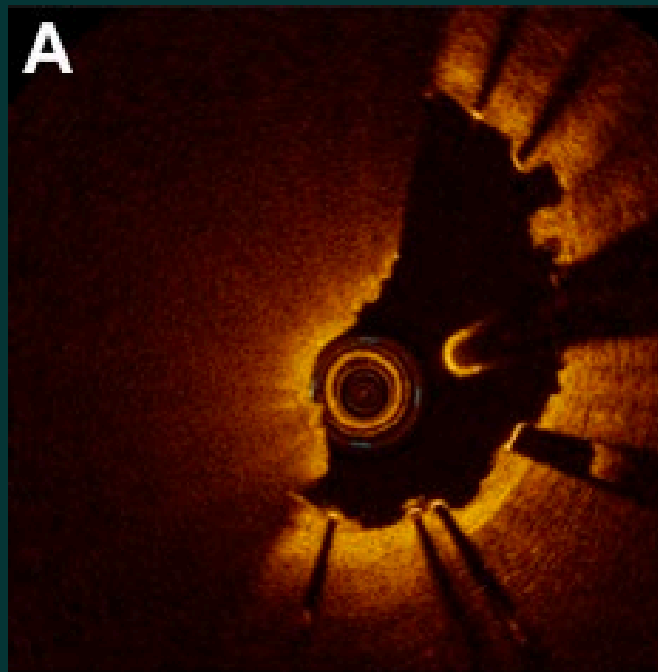


Non-eruptive nodule

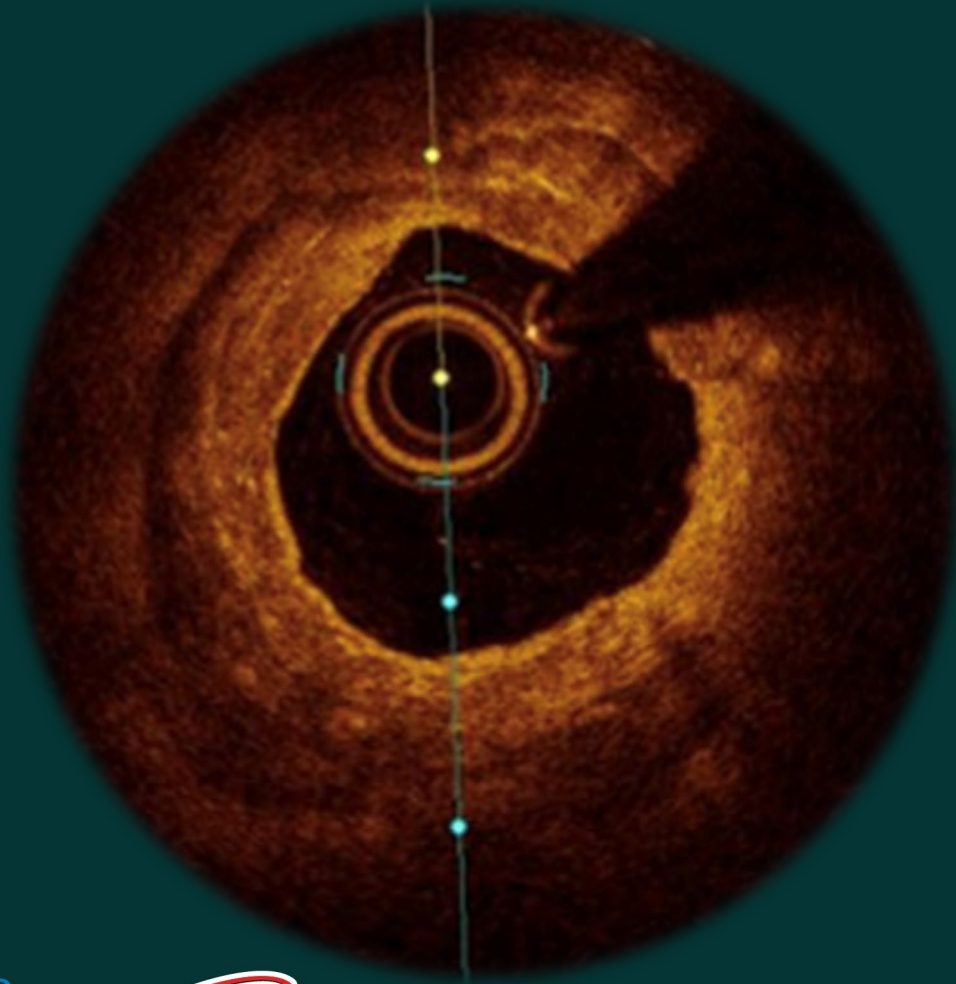


Post PCI

- Poor lesion preparation.

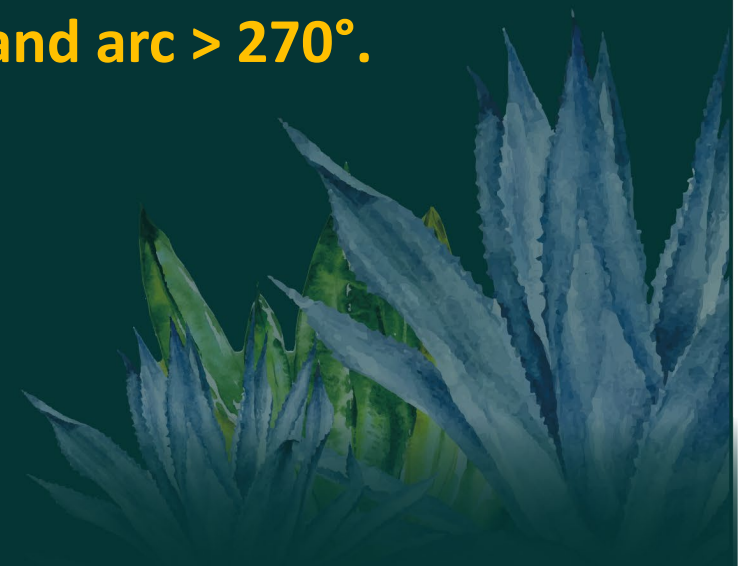


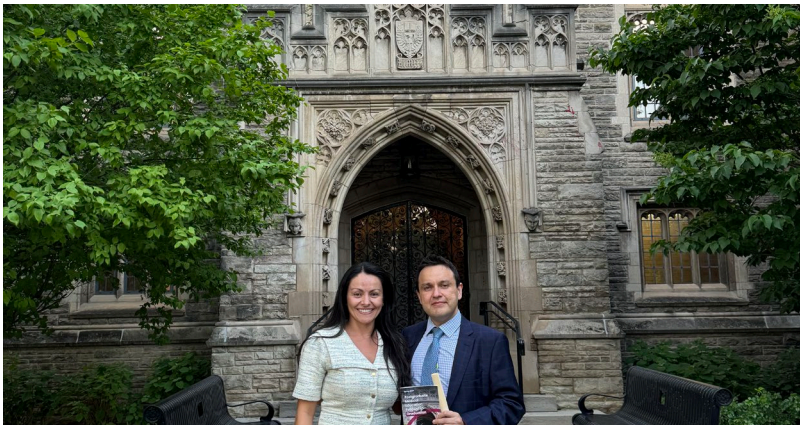
Influence of Ca on stent expansion in OCT



Rule of 3:

- Calcium angle: **360°**.
- Minimum thickness of Ca: **> 0.3 mm**
- Length Ca: **>3 mm and arc > 270°**.





Thanks
