

HOW TO DO: DCB EN LESIÓN DE NOVO Vaso Proximal

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CONFLICTOS DE INTERÉS

Sesión patrocinada por OrbusNeich



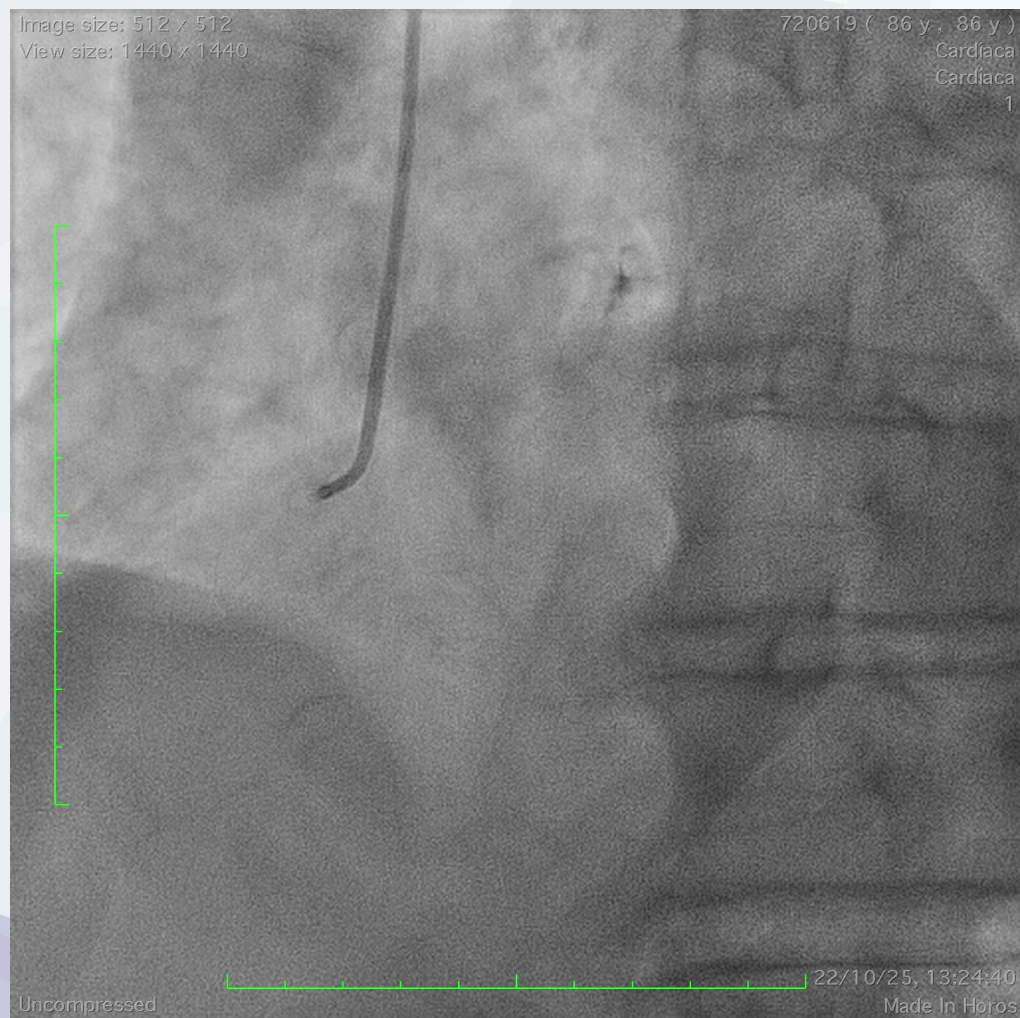
Varón – 87 años

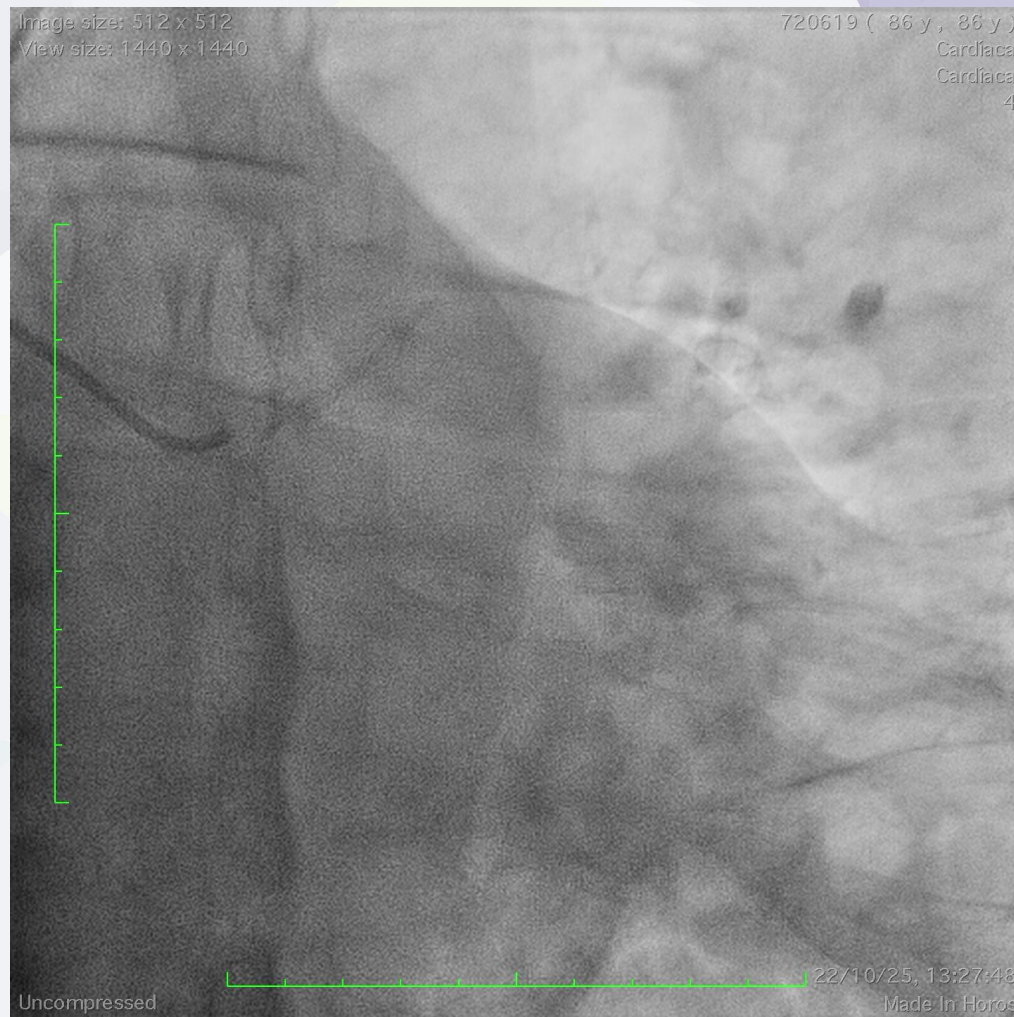
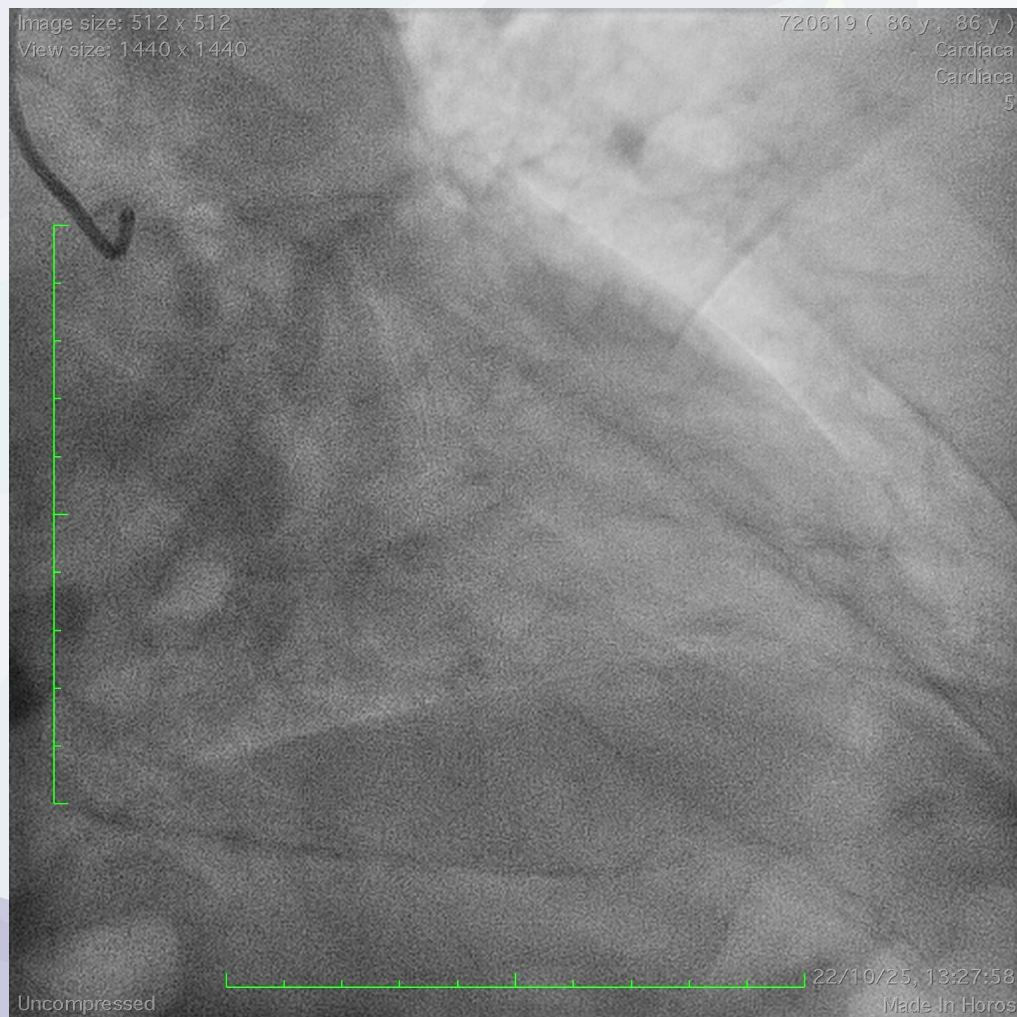


Varón – 87 años

- Exfumador
- ERC estadio 2
- Miocardiopatía Hipertrófica no obstructiva.
FEVI preservada
- AIT 2020
- Iq: hernia discal (x3) - prostatectomía - glaucoma

Ingreso por angina de esfuerzo





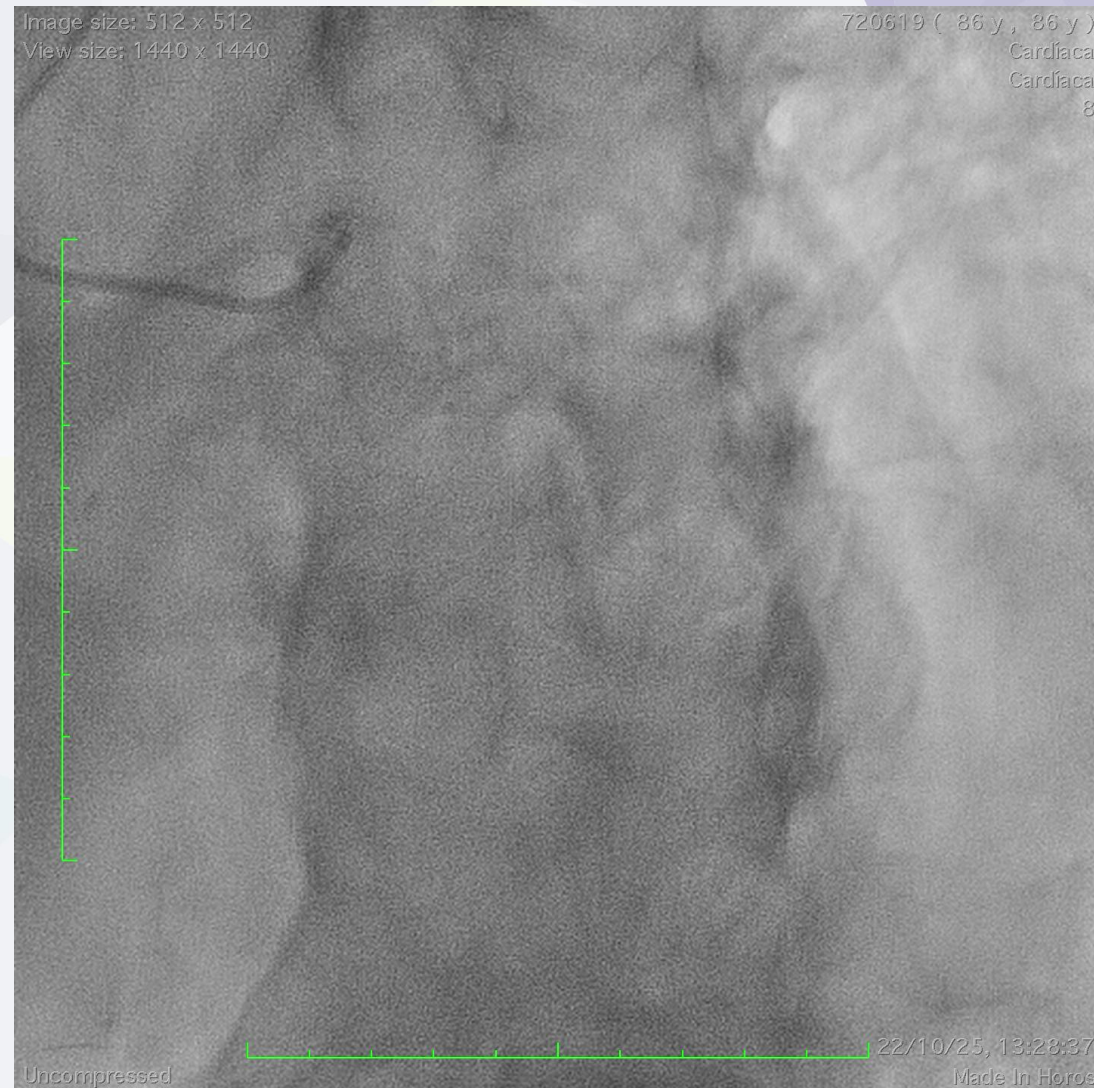
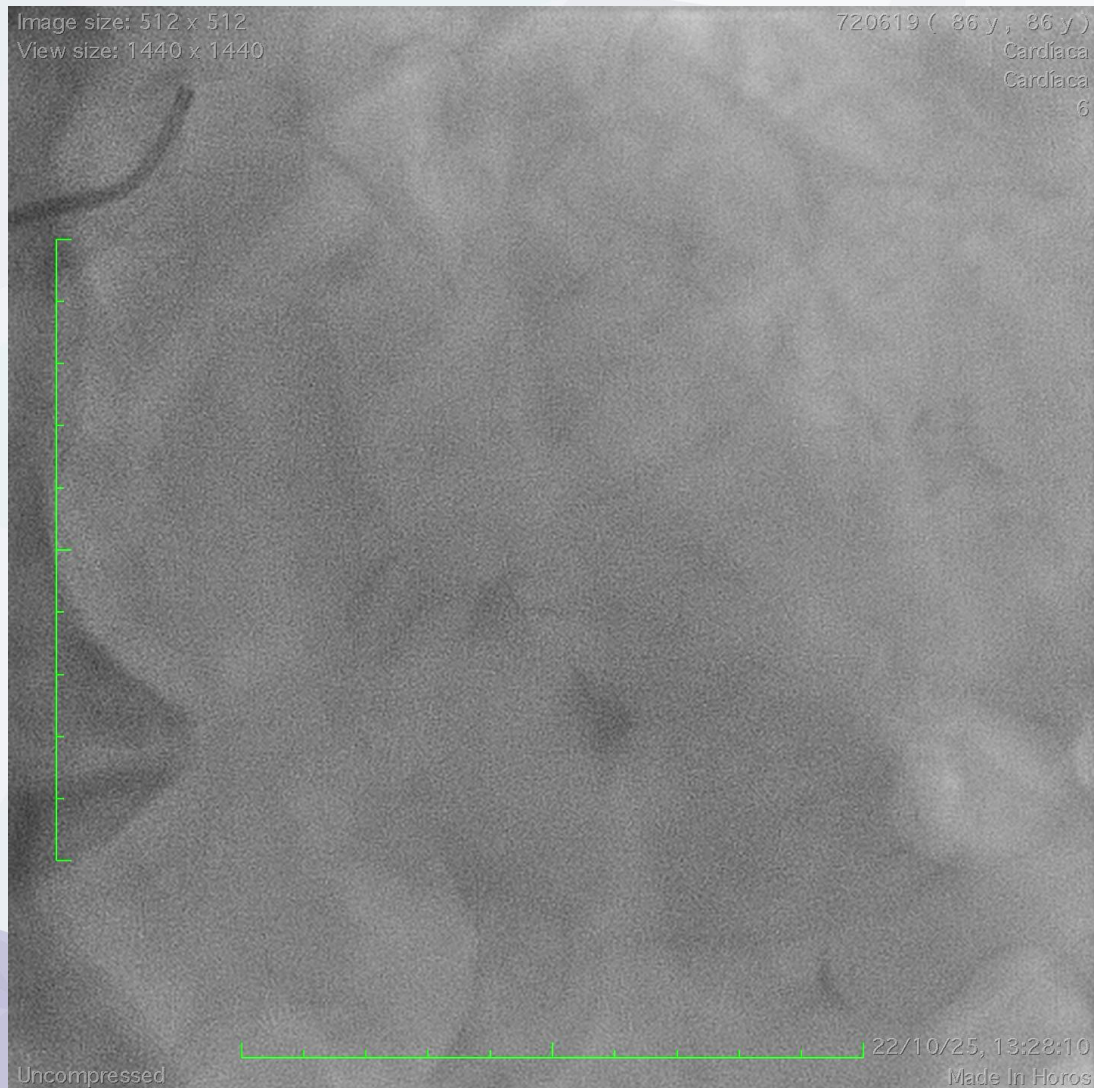
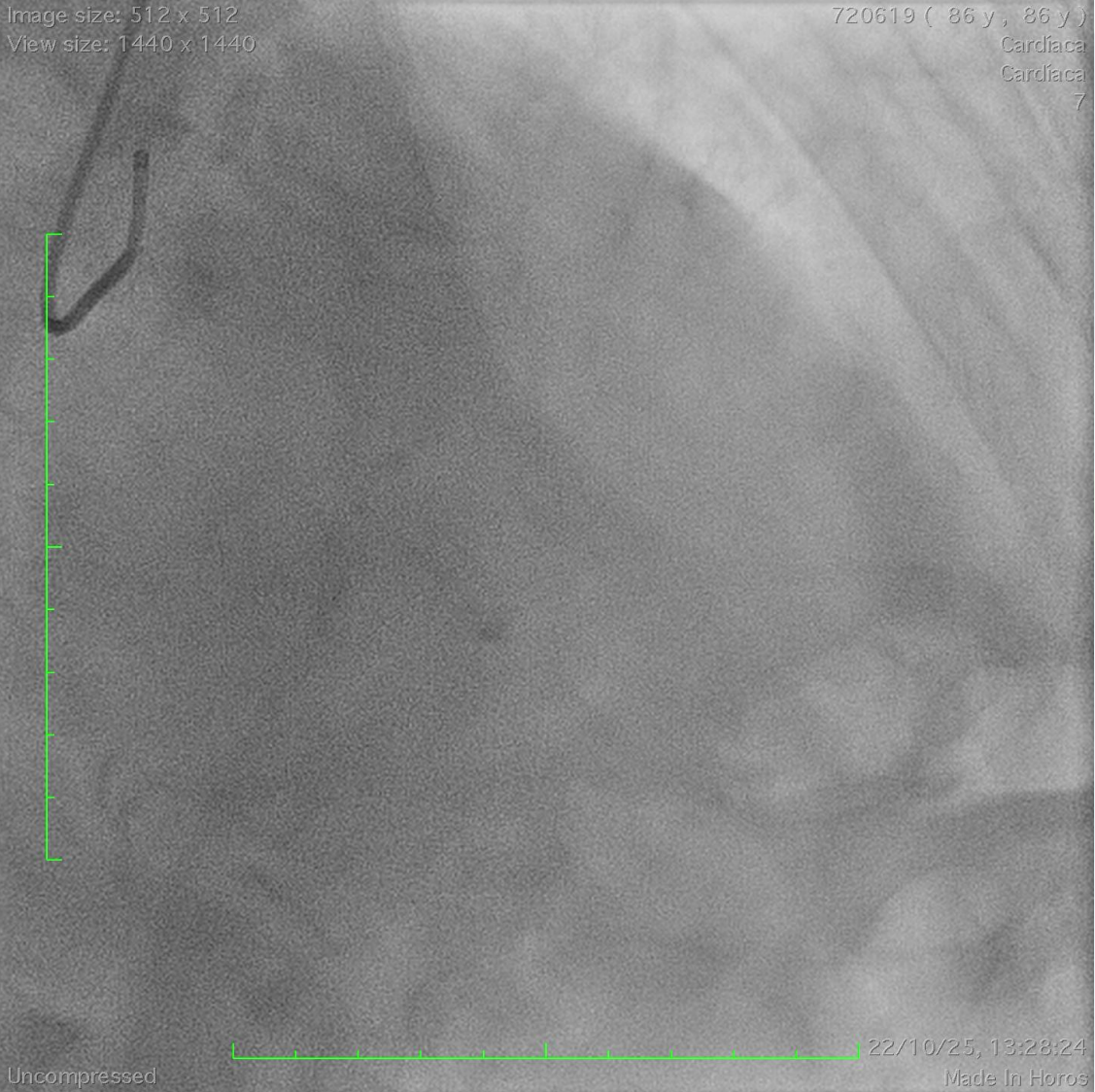


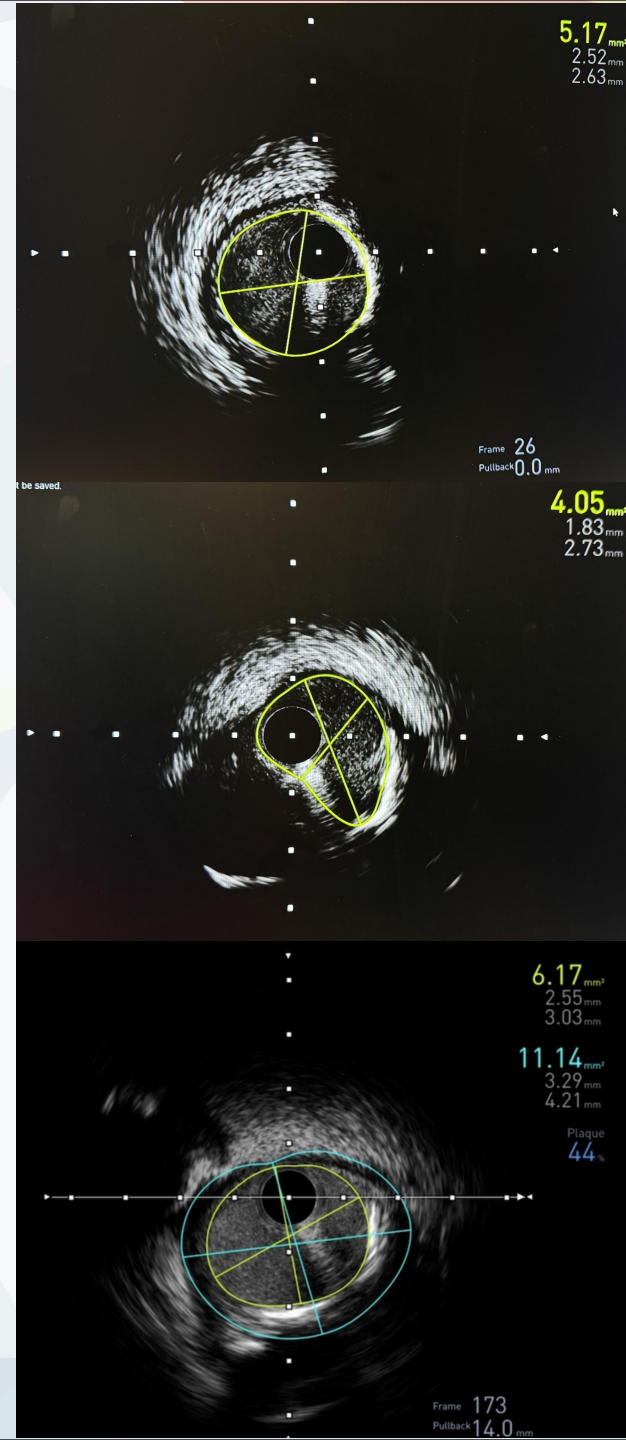
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View size: 1440 x 1440

720619 (86 y , 86 y)
Cardíaca
Cardíaca
7



DA

Frame 1



DISTAL

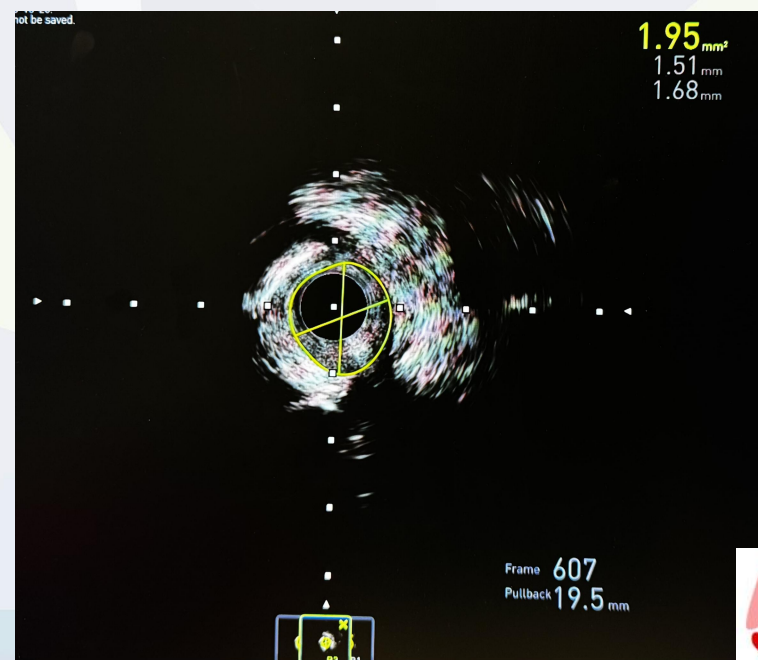
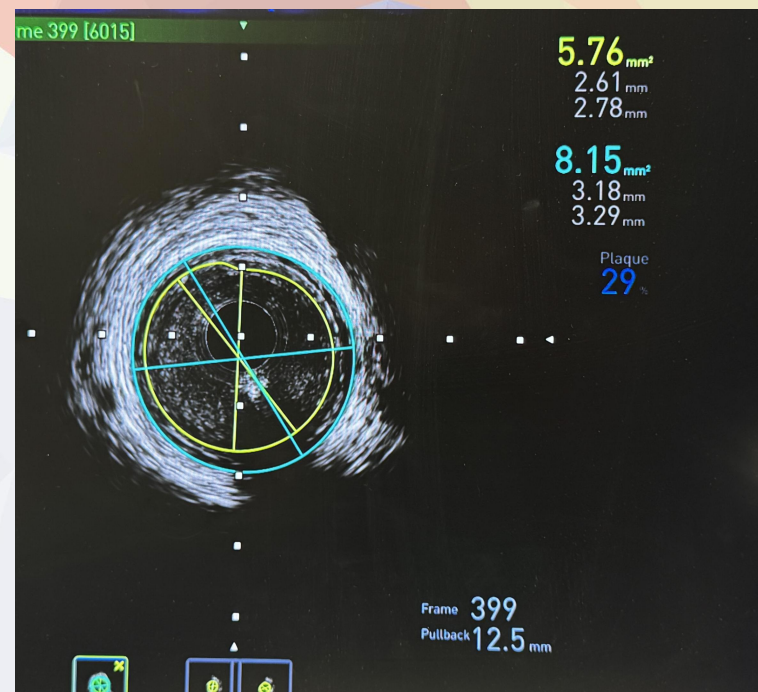
PROXIMAL

DIAGONAL

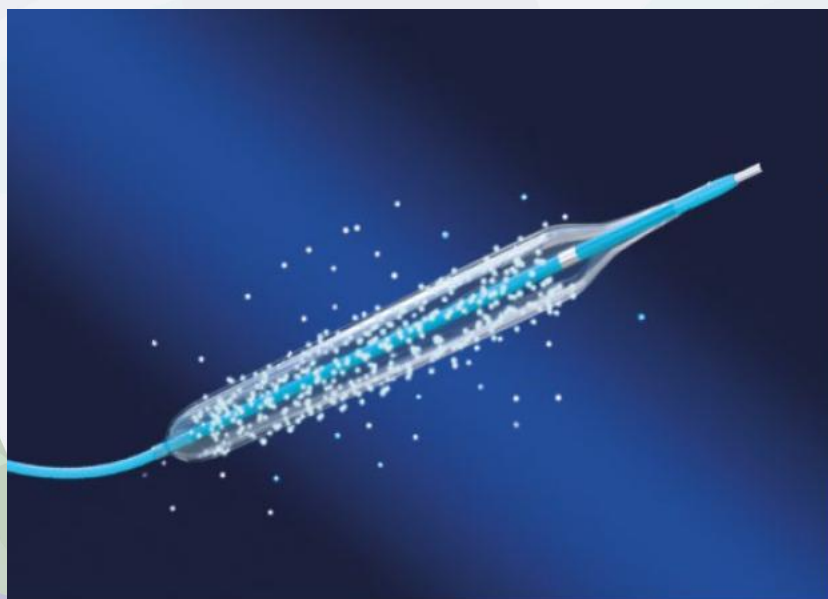
Frame 417

DIAG
DISTAL

DIAG
OSTIAL



Support C Paclitaxel Coated PTCA Balloon Catheter

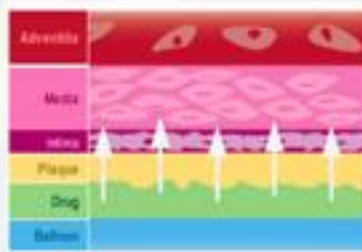


Pressure (atm)	2.0	2.25	2.5	2.75	3.0	3.25	3.5	4.0
7 NOM	2.00	2.25	2.50	2.75	3.00	3.25	3.50	4.00
8	2.05	2.30	2.53	2.79	3.03	3.29	3.55	4.06
9	2.09	2.35	2.57	2.83	3.07	3.33	3.59	4.12
10	2.14	2.40	2.60	2.87	3.10	3.37	3.64	4.18
11	2.18	2.45	2.63	2.91	3.14	3.41	3.68	4.24
12	2.23	2.50	2.67	2.94	3.17	3.45	3.73	4.29
13 RBP**	2.27	2.54	2.70	2.98	3.20	3.49	3.77	-

**Rated Burst Pressure. Do not exceed RBP

FÁRMACO

- Paclitaxel 3.0 µg/mm²
- Altamente lipofílico
- Liberación rápida
- Retención prolongada



EXCIPIENTE BTHC

- Hidrofóbico y biocompatible
- Rápida metabolización a alcohol + ácido cítrico

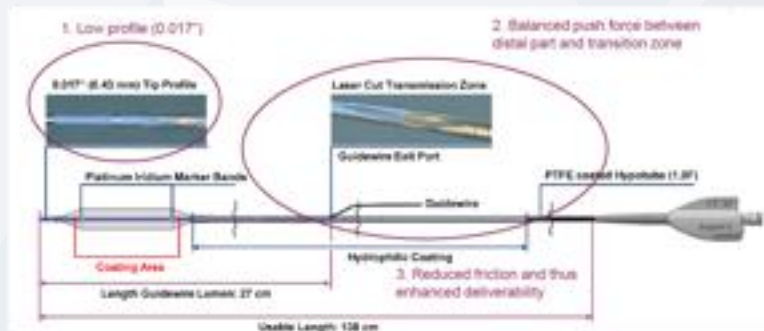


Paclitaxel crystalline structure



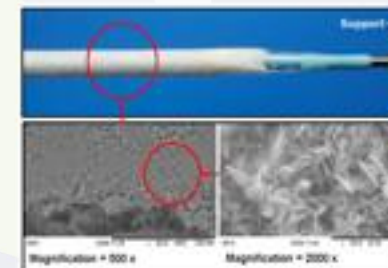
Paclitaxel + BTHC

DELIVERY SYSTEM



COATING

- Microcristales de paclitaxel
- Recubrimiento homogéneo
- Mantiene fármaco en el balón
- Facilita transferencia homogénea en la pared vascular



DELIVERY SYSTEM

1. Low profile (0.017")

0.017" (0.43 mm) Tip Profile



Platinum Iridium Marker Bands

Coating Area

Length Guidewire Lumen: 27 cm

Usable Length: 138 cm

2. Balanced push force between distal part and transition zone

Laser Cut Transmission Zone



Guidewire Exit Port

Guidewire

PTFE coated Hypotube (1.9F)

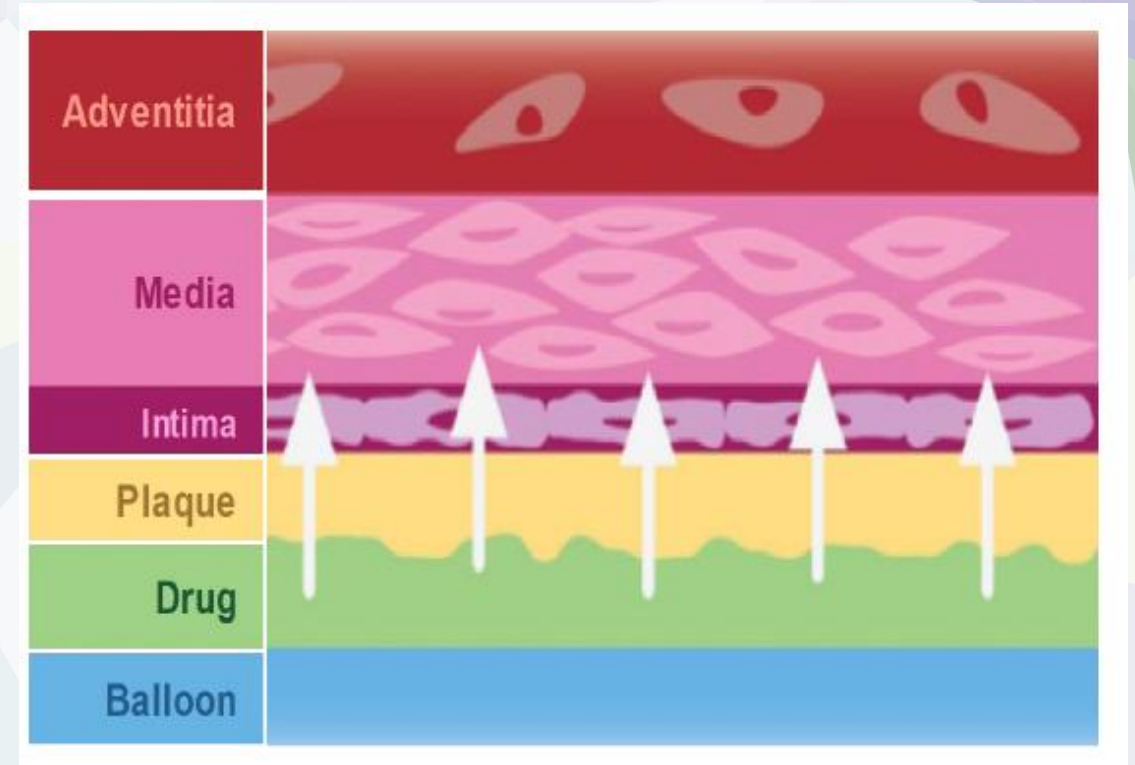
Hydrophilic Coating

3. Reduced friction and thus enhanced deliverability

2.5 / 20
Support C
eucatech

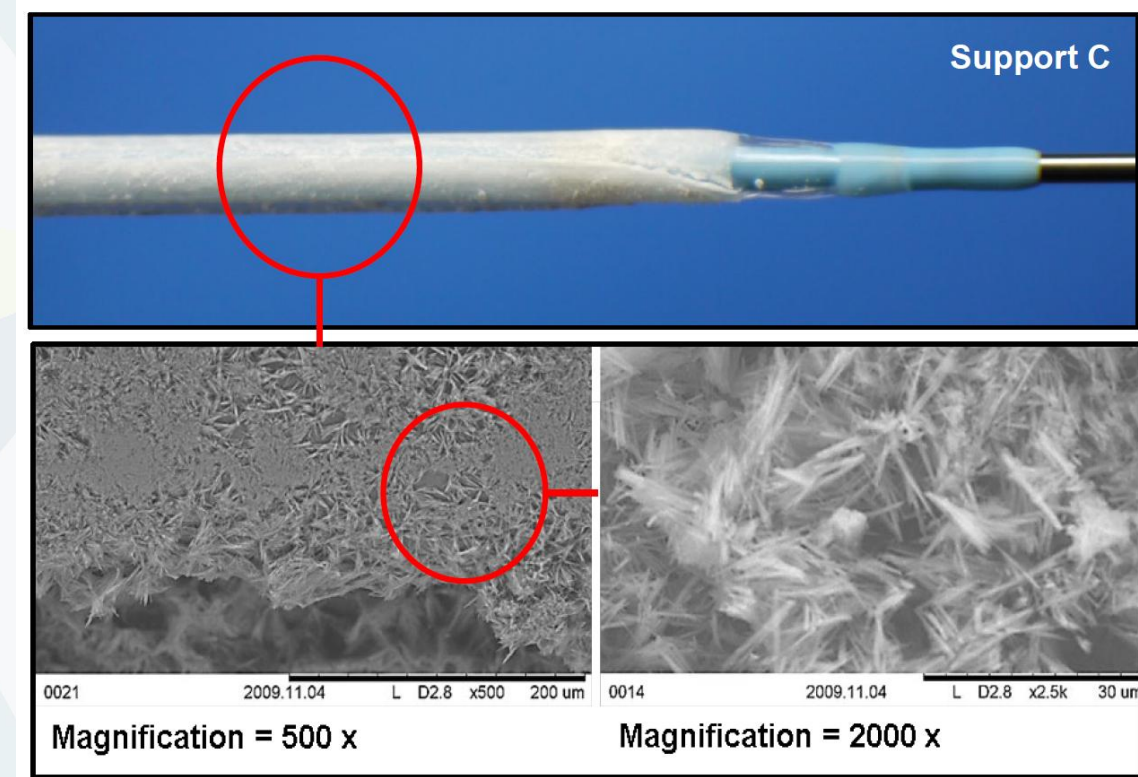
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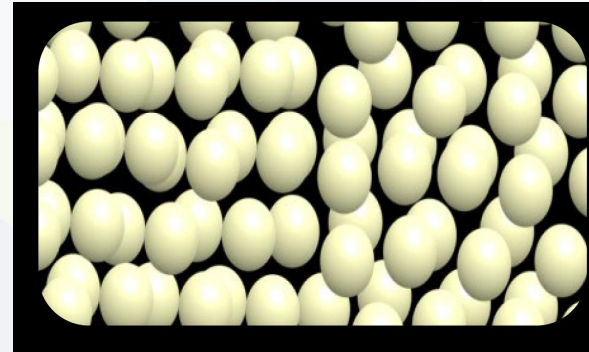
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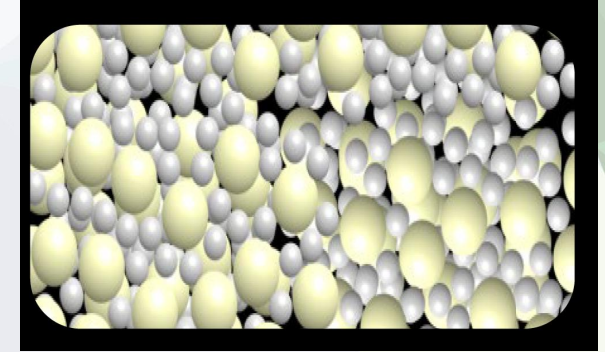


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Paclitaxel crystalline structure

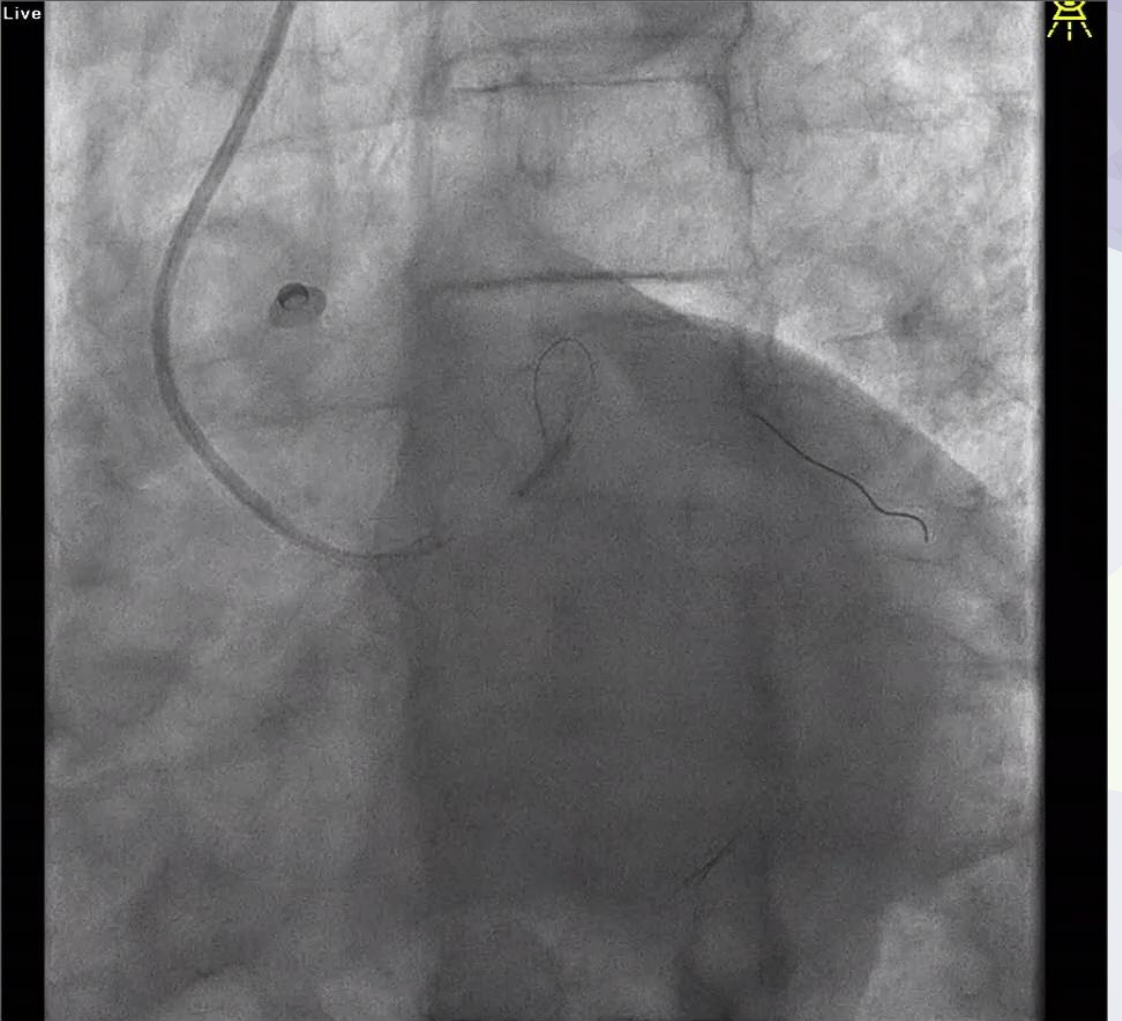


Paclitaxel + BTHC

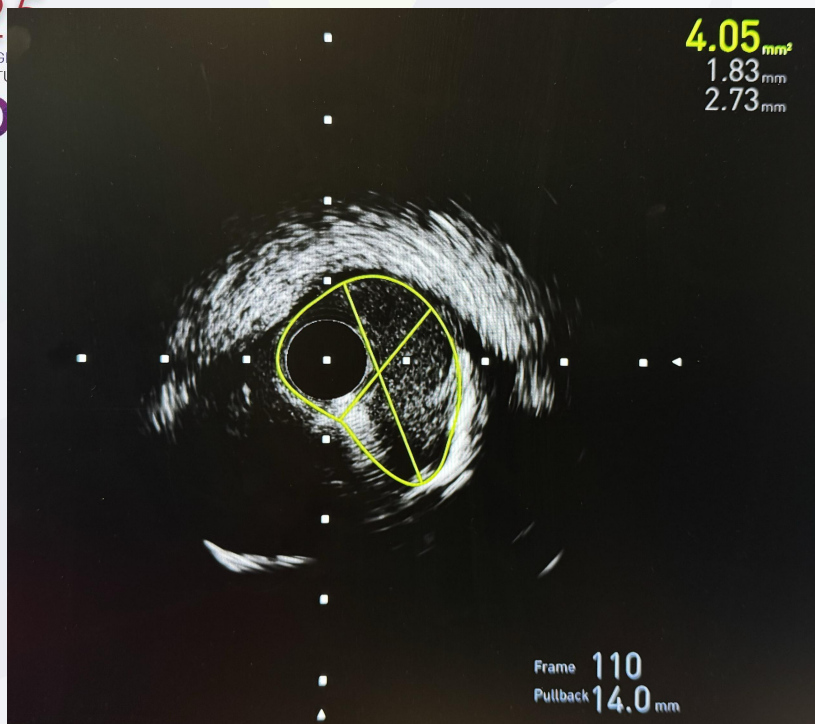
Camara frontal



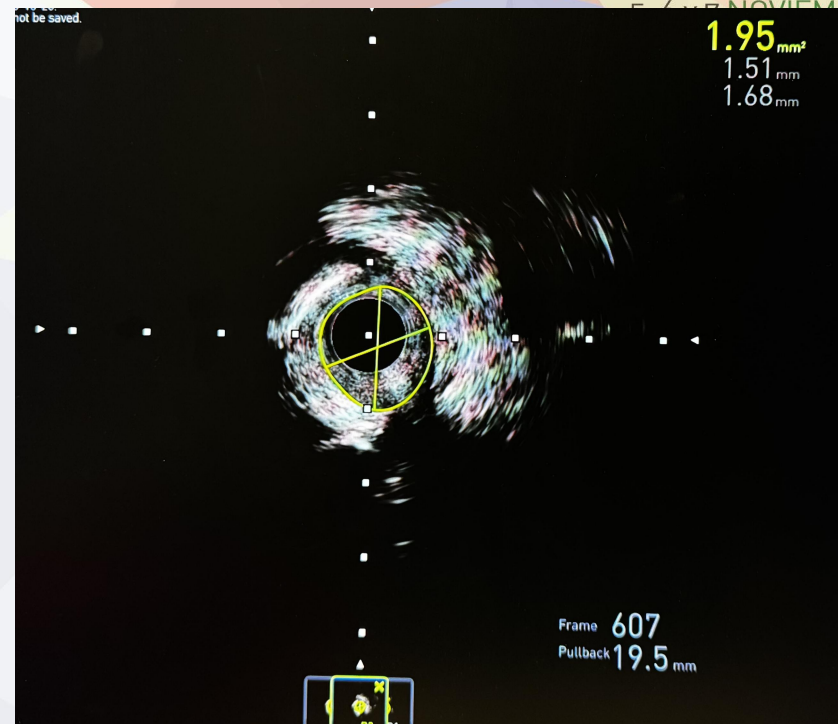
Live



DA PRE



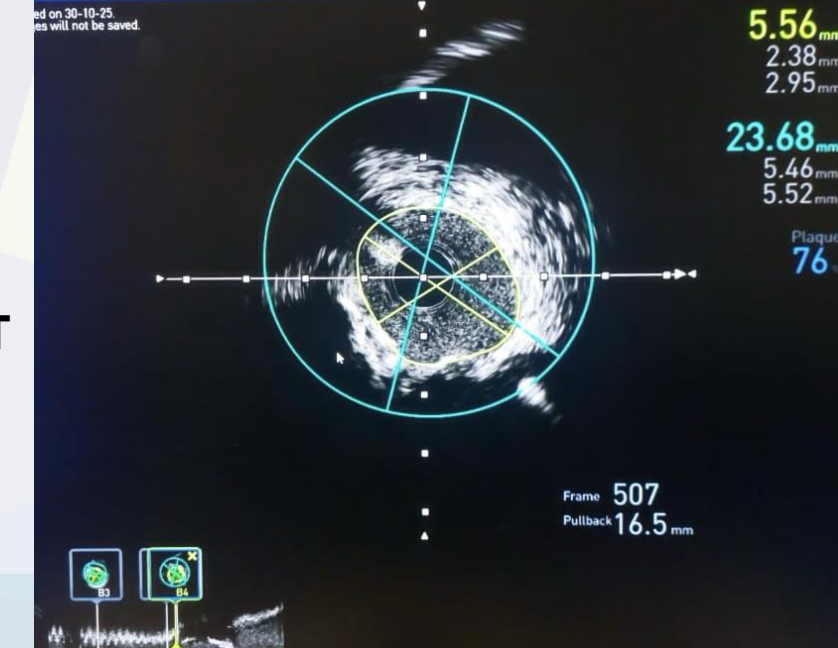
DIAG PRE



DA POST

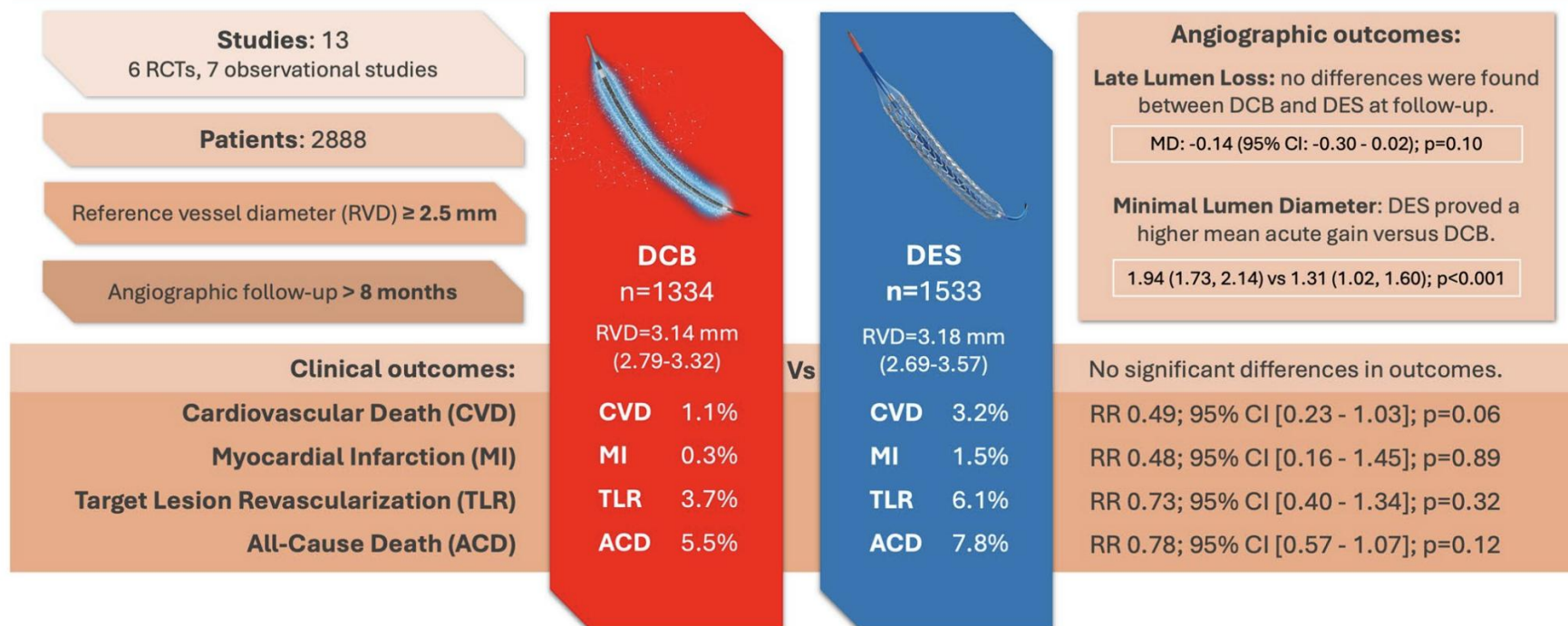


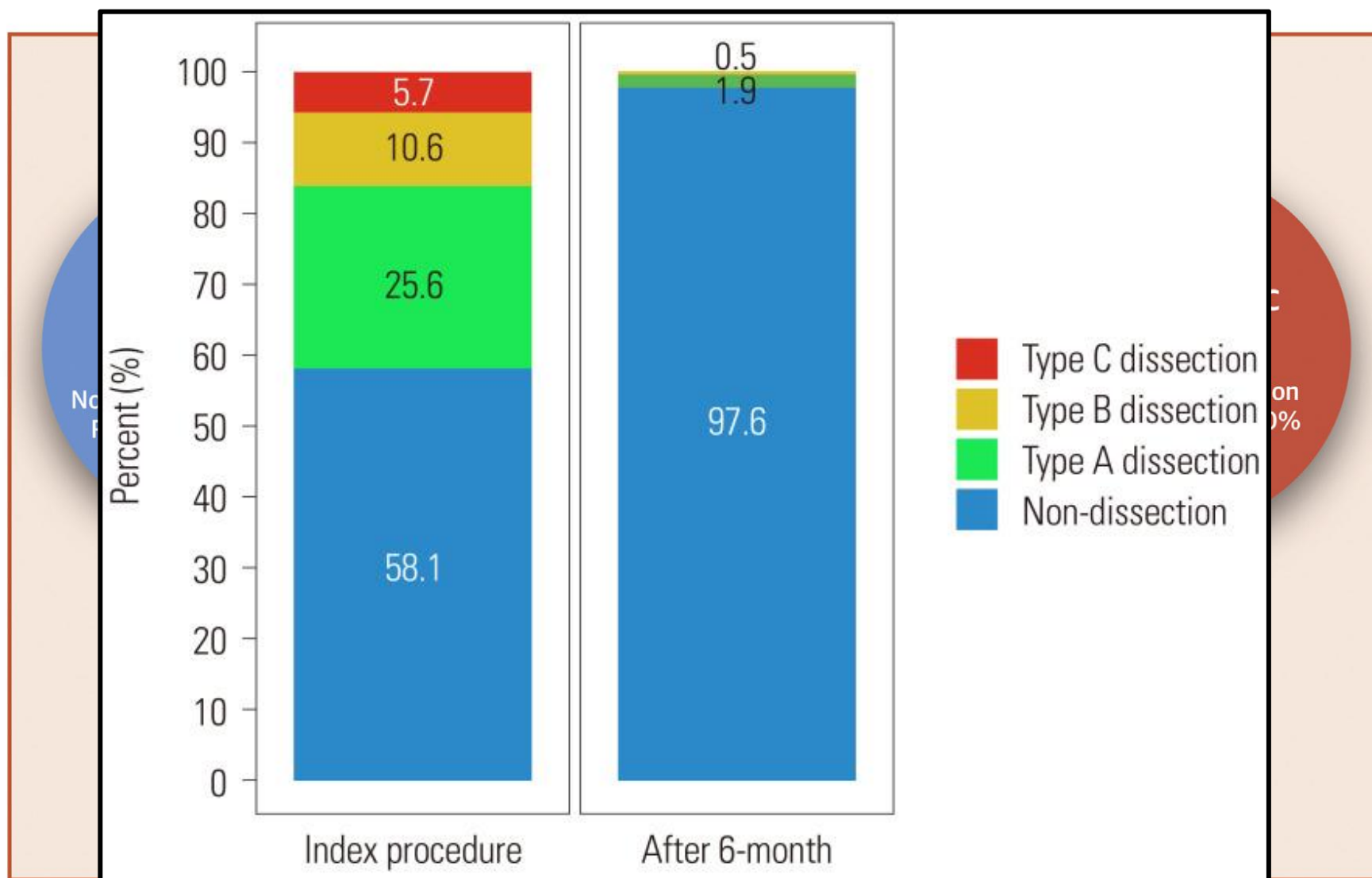
DIAG POST



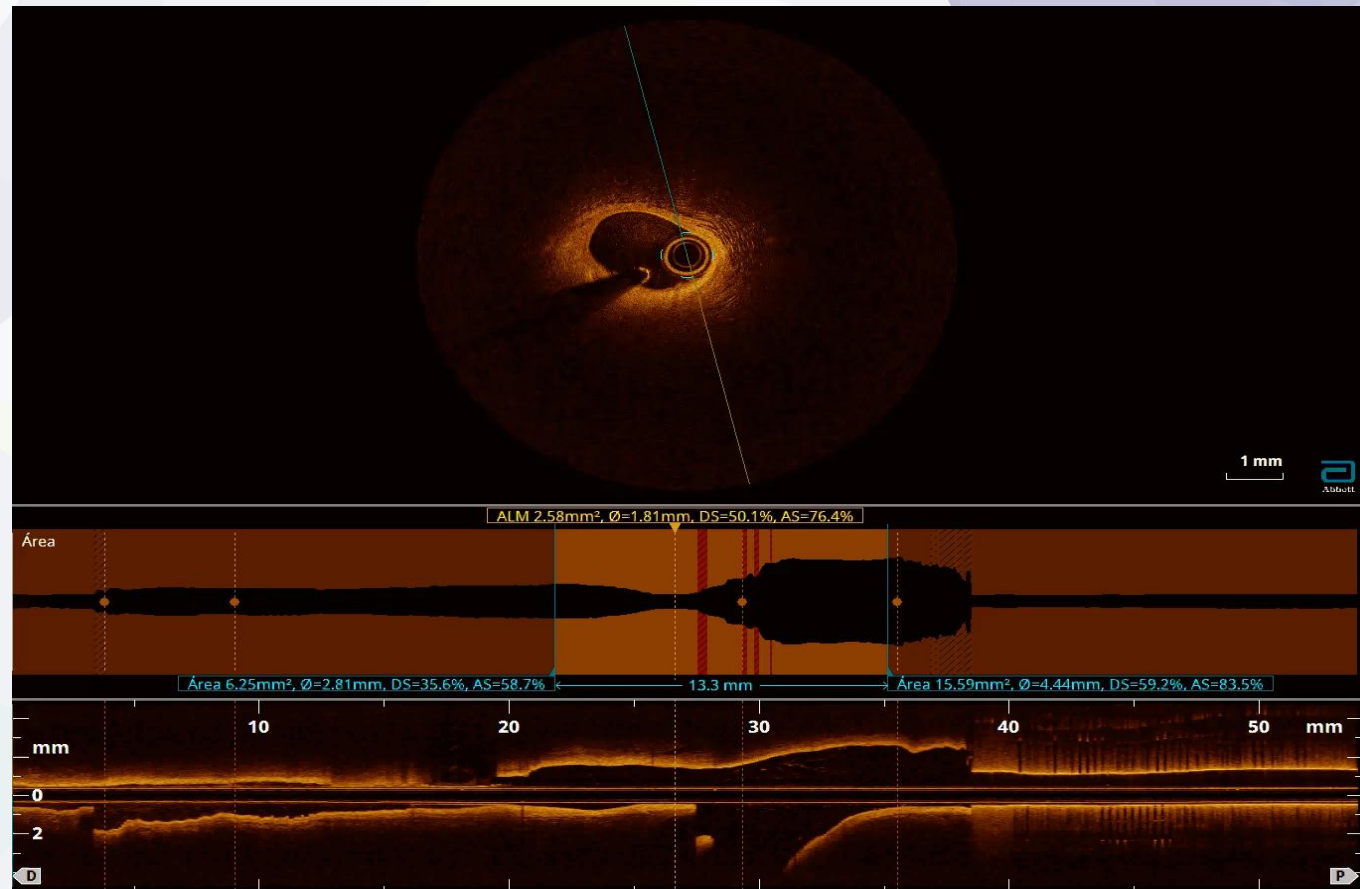
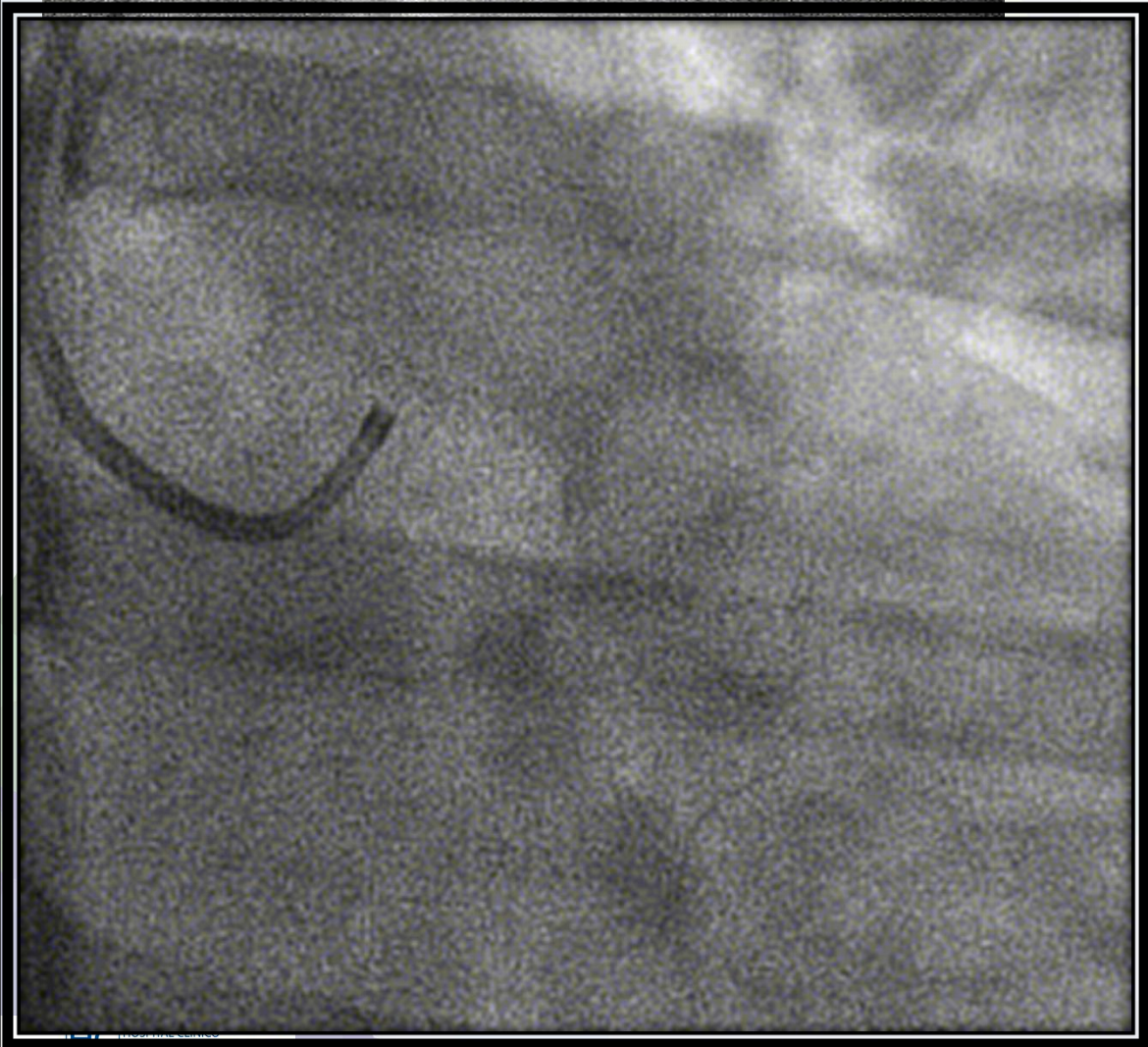
Graphical Abstract

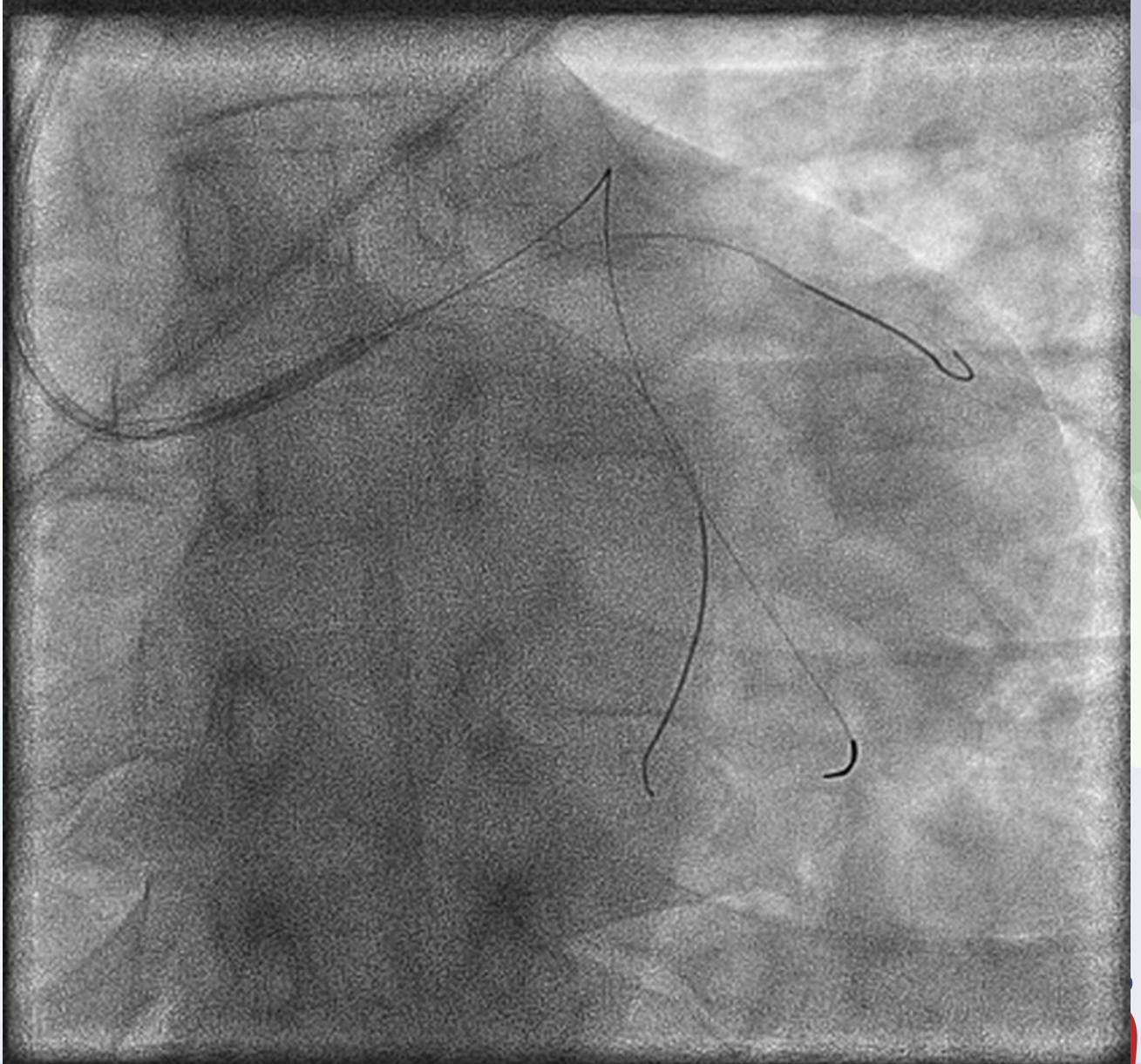
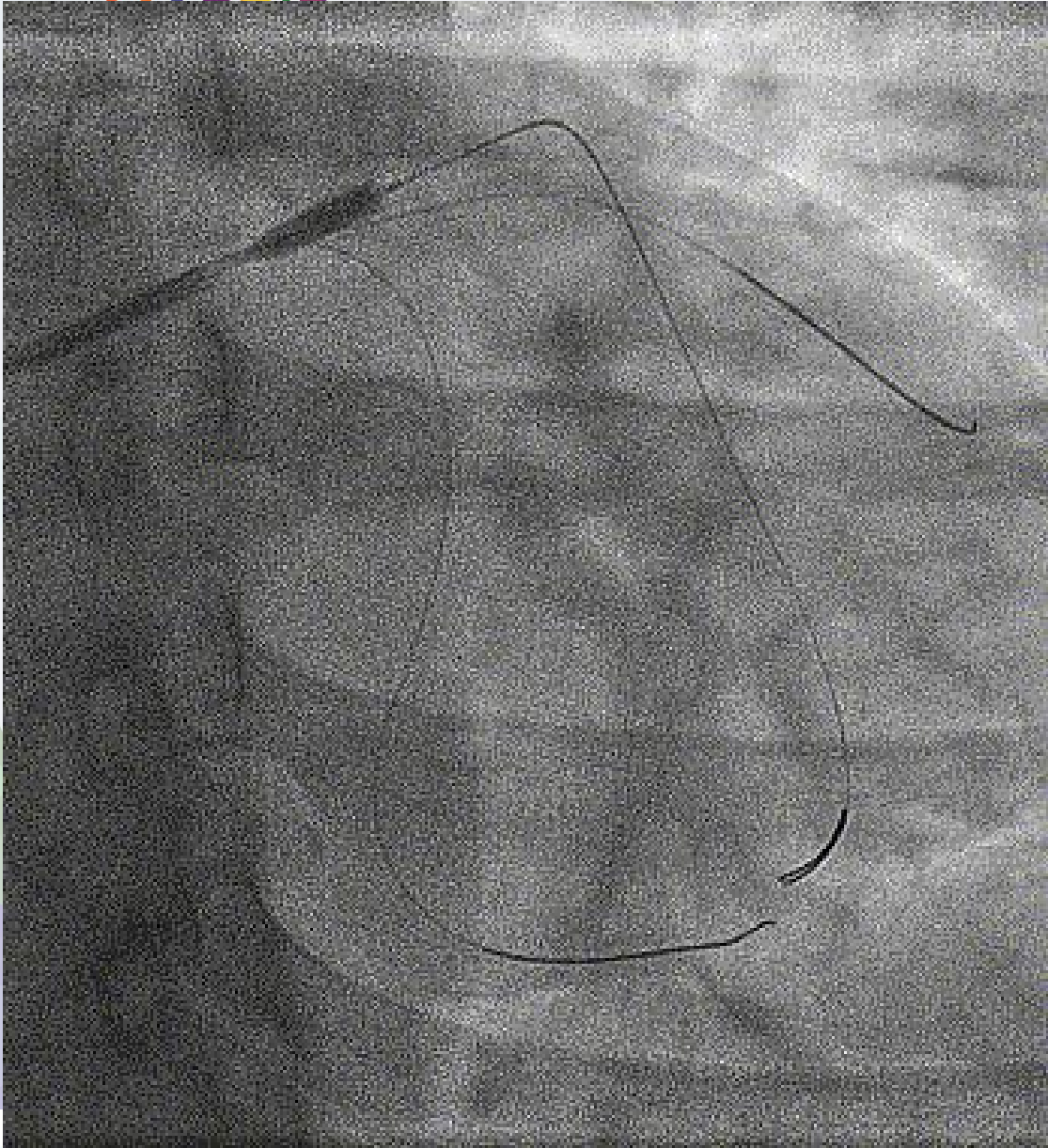
Drug-Coated Balloon (DCB) vs. Drug-Eluting Stent (DES) for Treating De Novo Large Vessel Coronary Artery Disease: A Systematic Review and Meta-Analysis

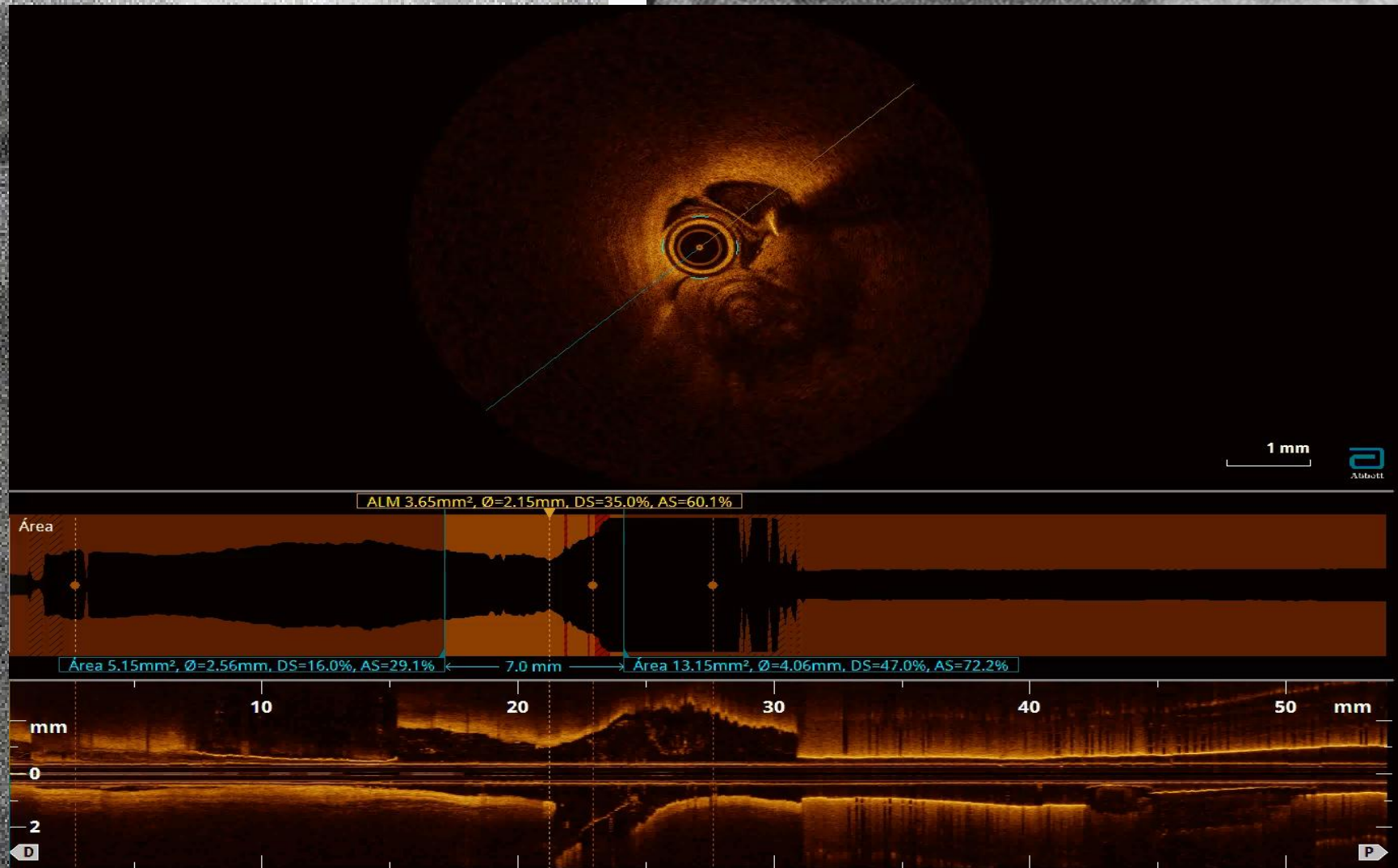




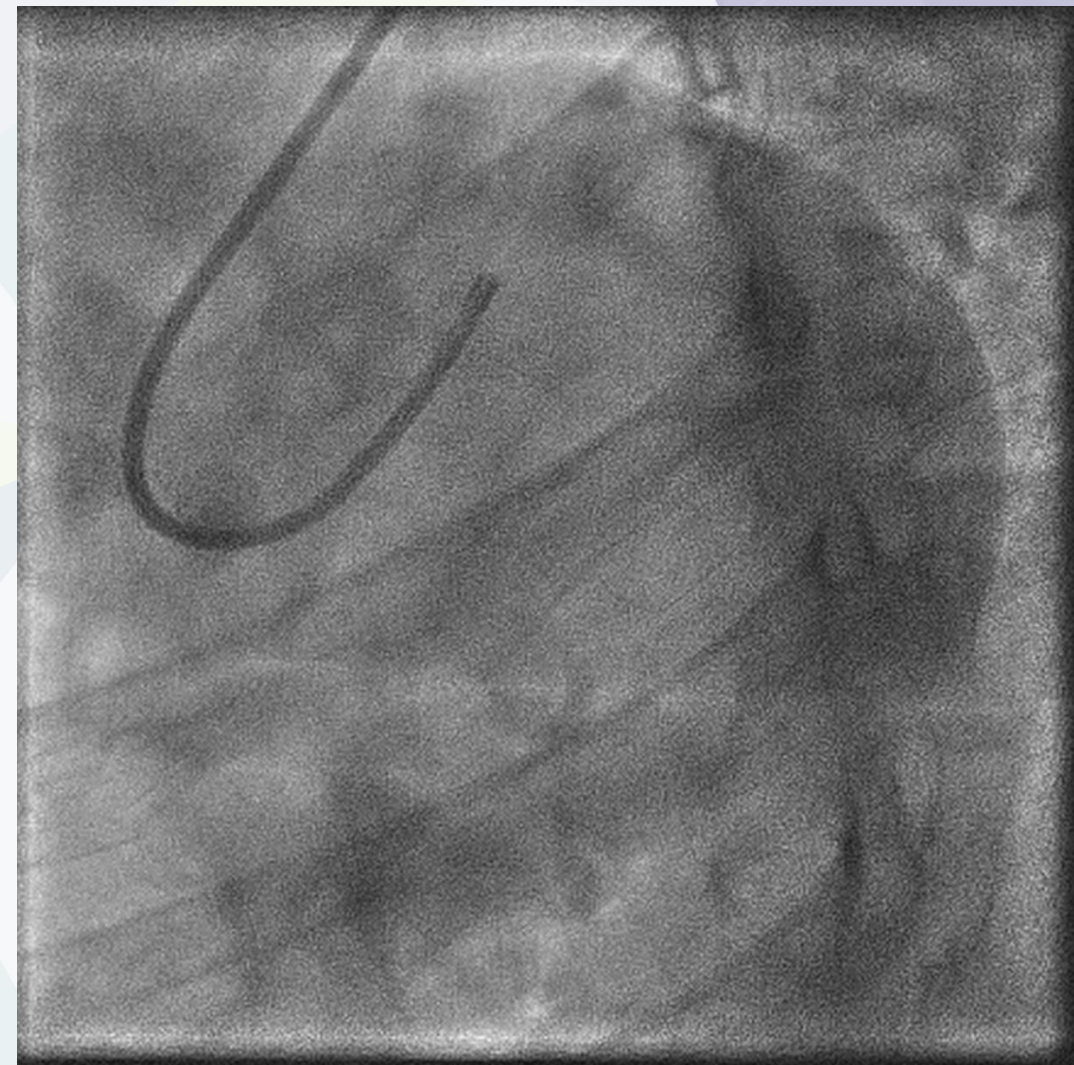
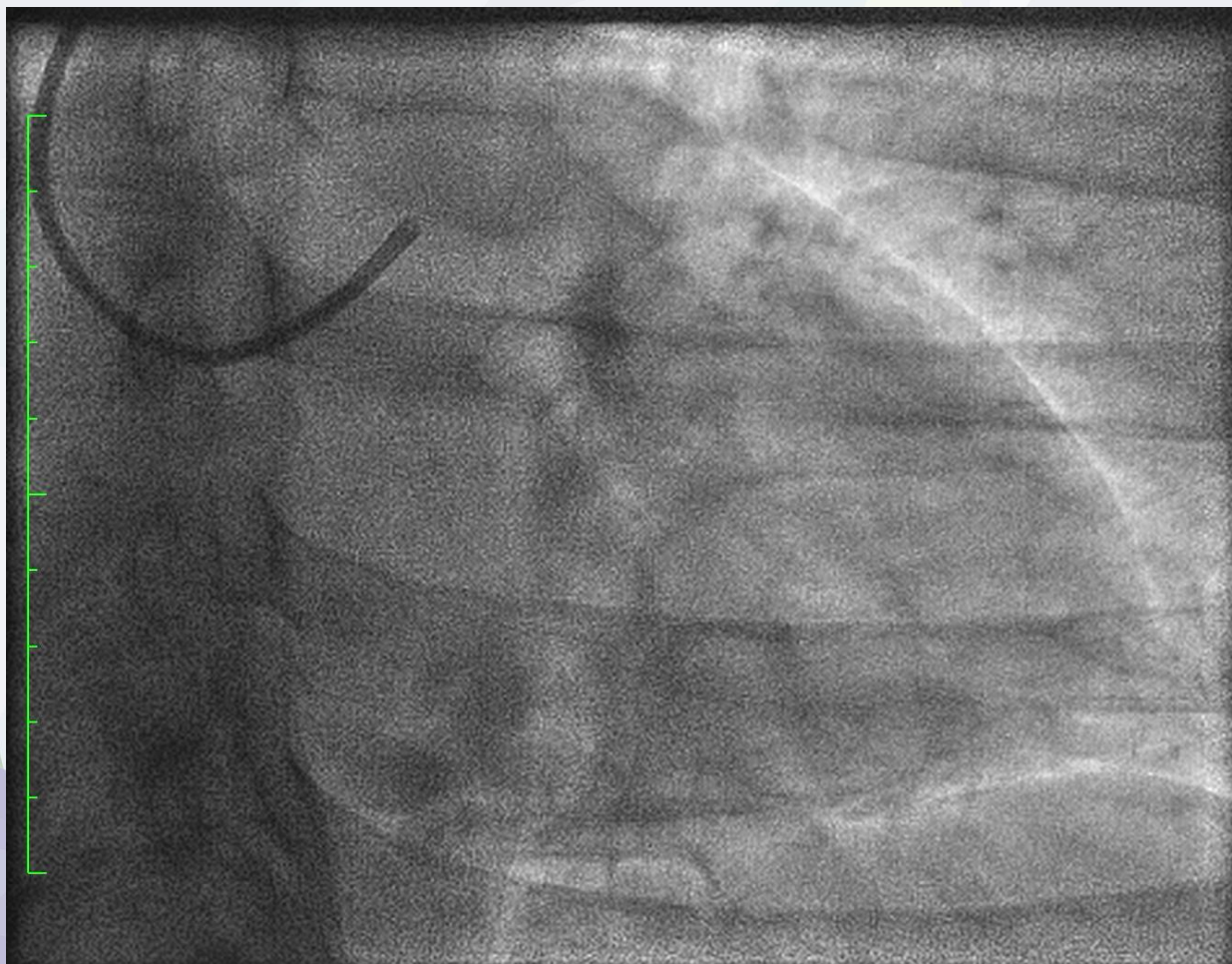
Jeger, R.V. et al. J Am Coll Cardiol Interv. 2020;13(12):1391-402.



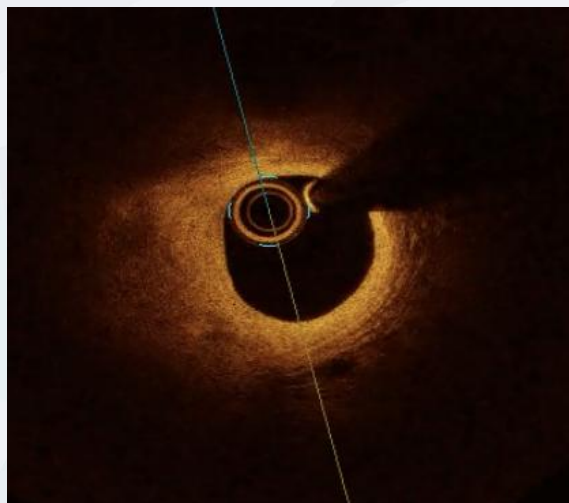




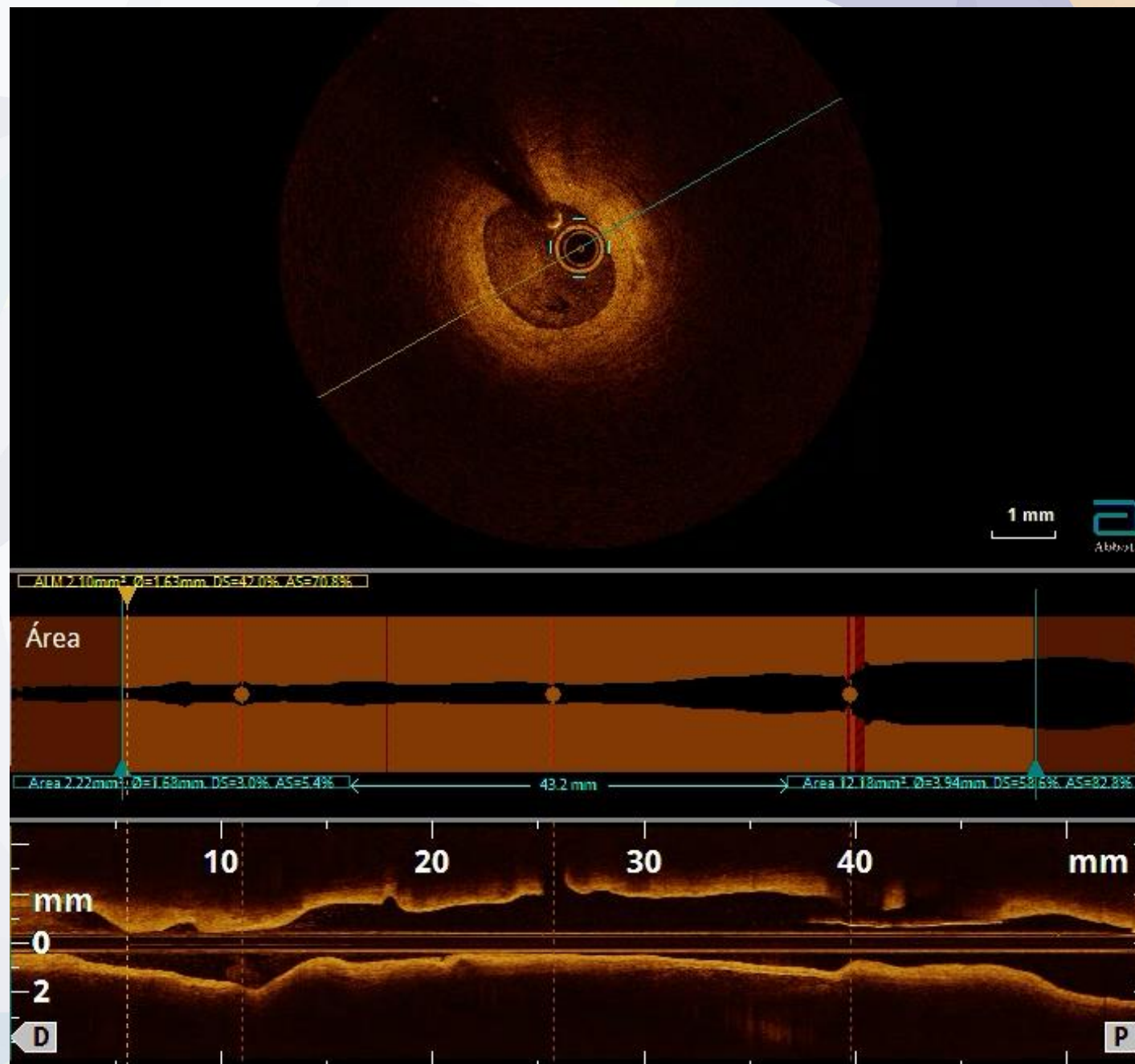
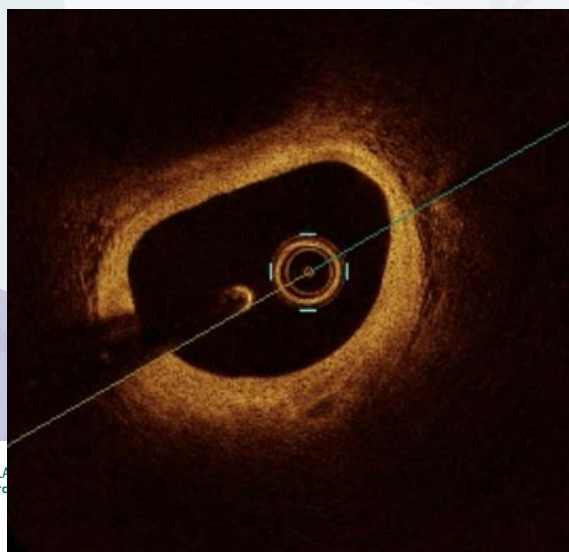
6 MONTHS LATER



PRE



POST



PARIS

Paclitaxel-coated balloon in coronary disease ($\leq 3\text{mm}$) and high-bleeding risk patients.

> 300 patients enrolled


COPERNICAN TRIAL

Evaluating the role of DCB in STEMI

Randomized clinical trial: Reduced stent strategy (DCB-based) versus conventional revascularization (DES-based) in STEMI

500 patients enrolled

EFFECTRIAL GRANT - inicio centros Francia e Italia

#EffecTrial_E4H

