2023

ACUTE LAD OCLUSSION AFTER IVUS LEADING TO URGENT PCI COMPLICATED WITH CORONARY PERFORATION

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Conflictos de interés

No tengo ningún conflicto de interés respecto al contenido de la presentación o sesión.

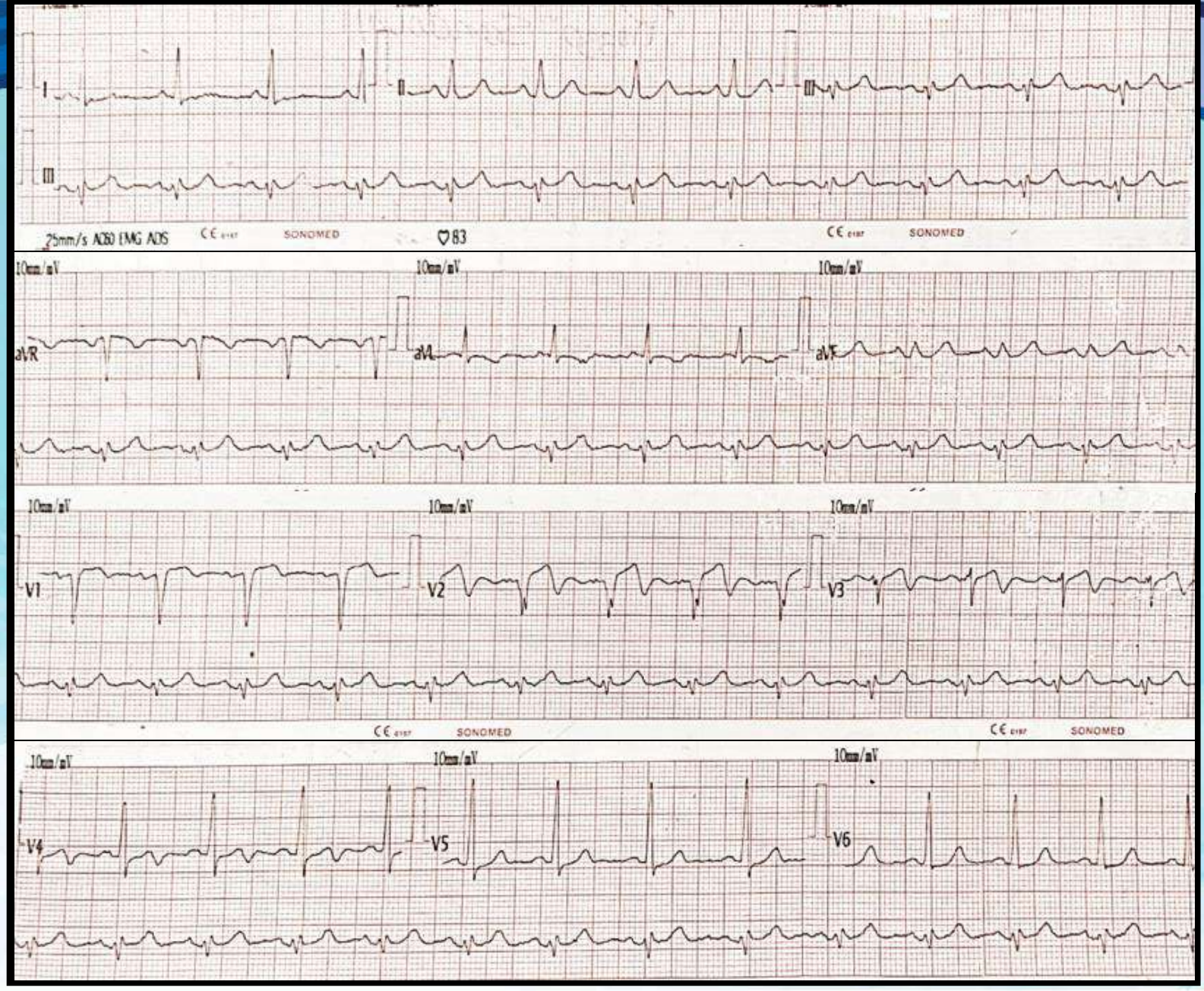
Rol durante procedimiento

Segundo operador.

2023

Filiación

- ♂, 64 años.
- FRCV: Obesidad tipo I, dislipidemia.
- Antec. CV: Niega.
- Ingresa en contexto de angina postinfarto.
- Examen físico: PA 130/89; FC 92 lpm; SatO2 98%; FiO2 21%.
- IY -, RHY -, RCR, normo fonéticos, escasos crépitos bibasales.



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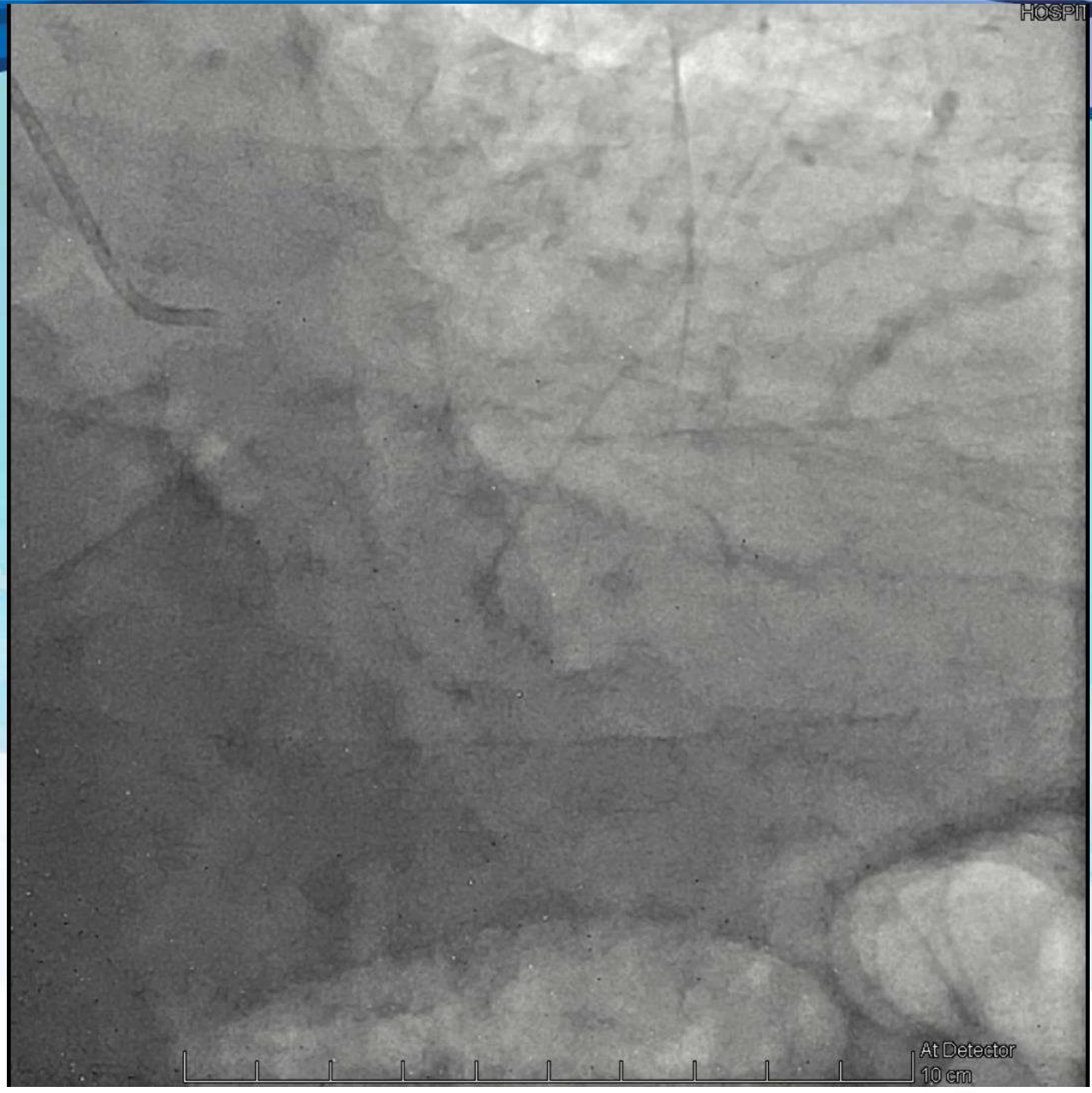
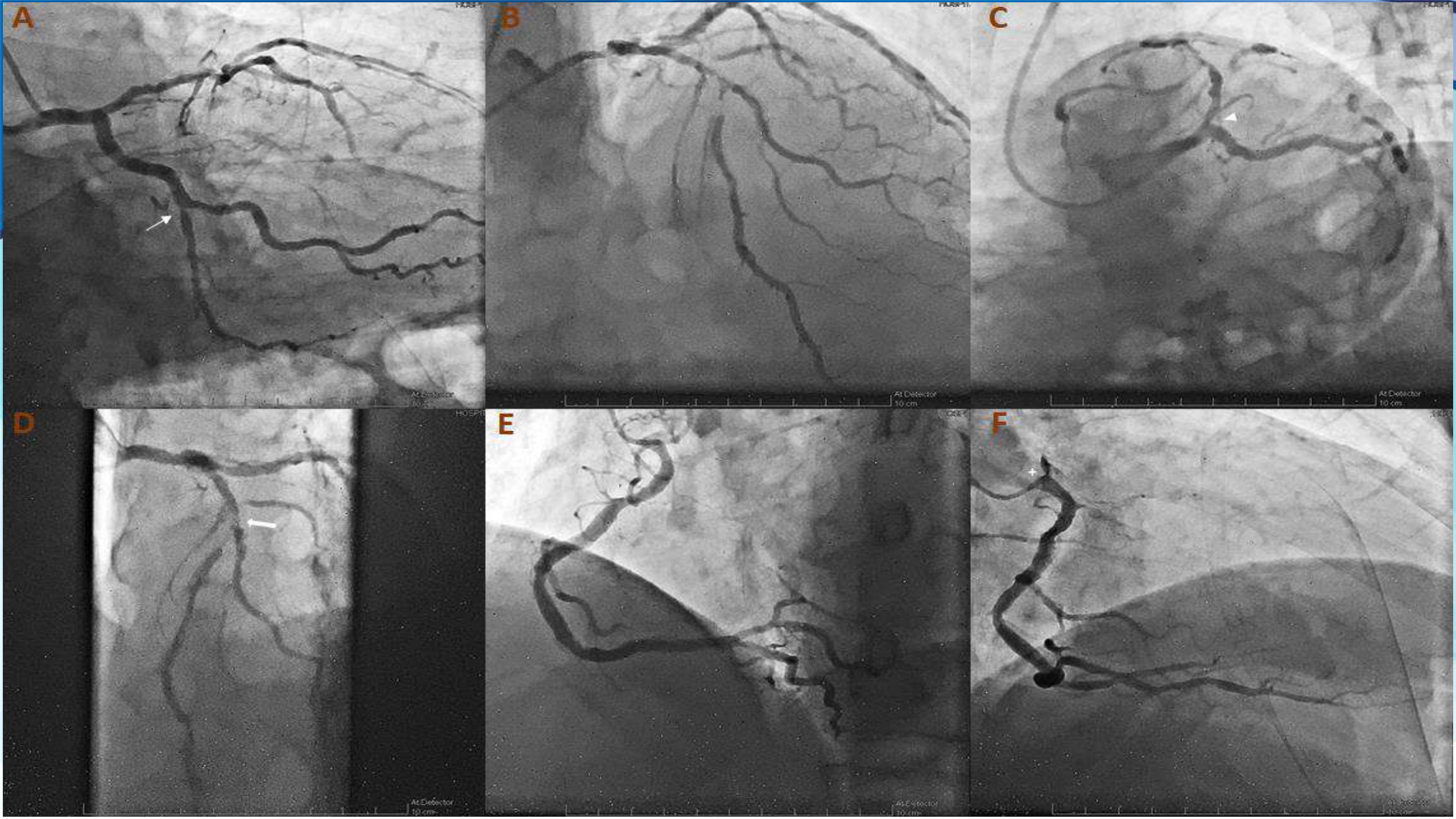
ANGIOGRAFÍA CORONARIA DIAGNÓSTICA




A
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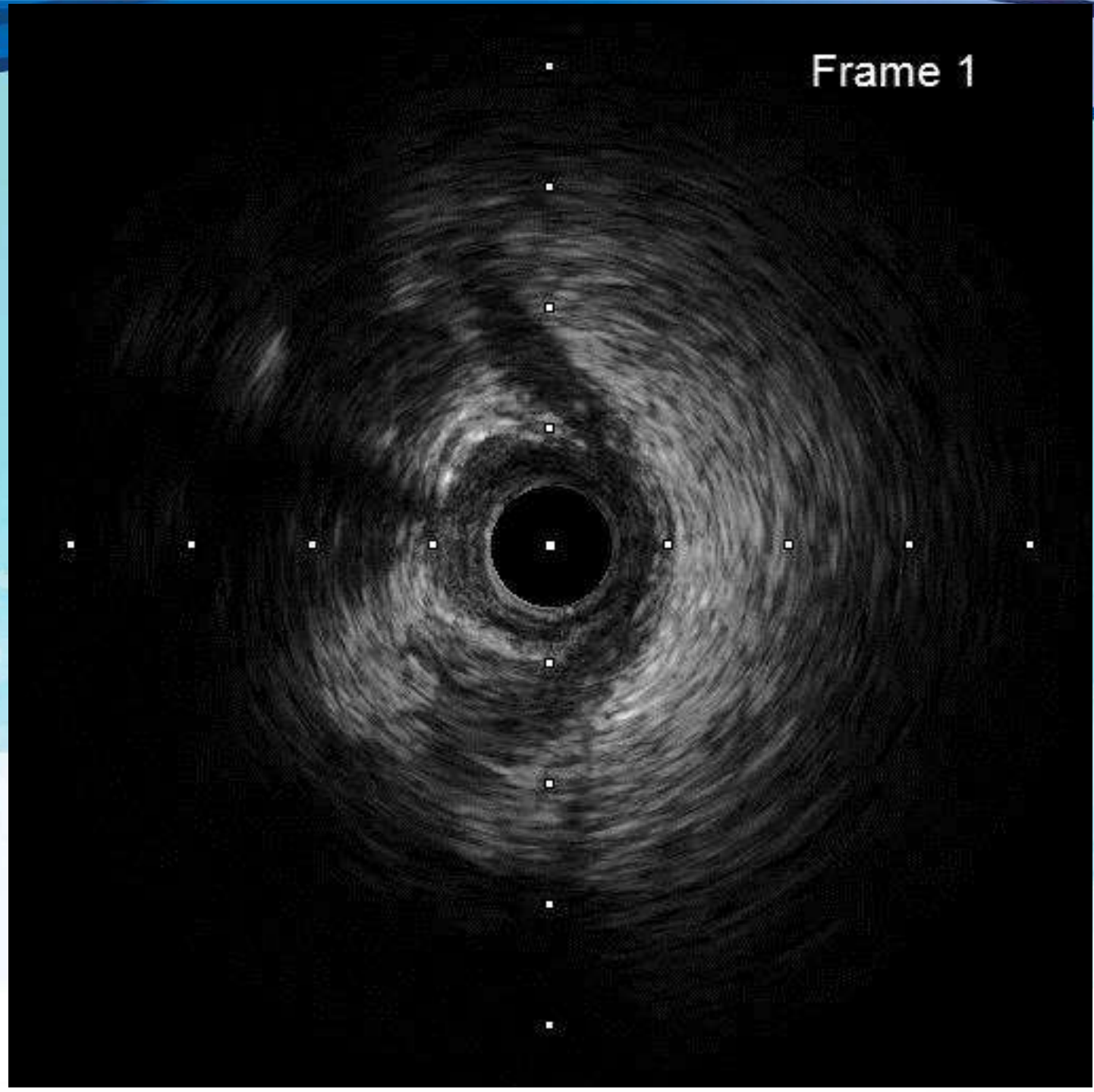
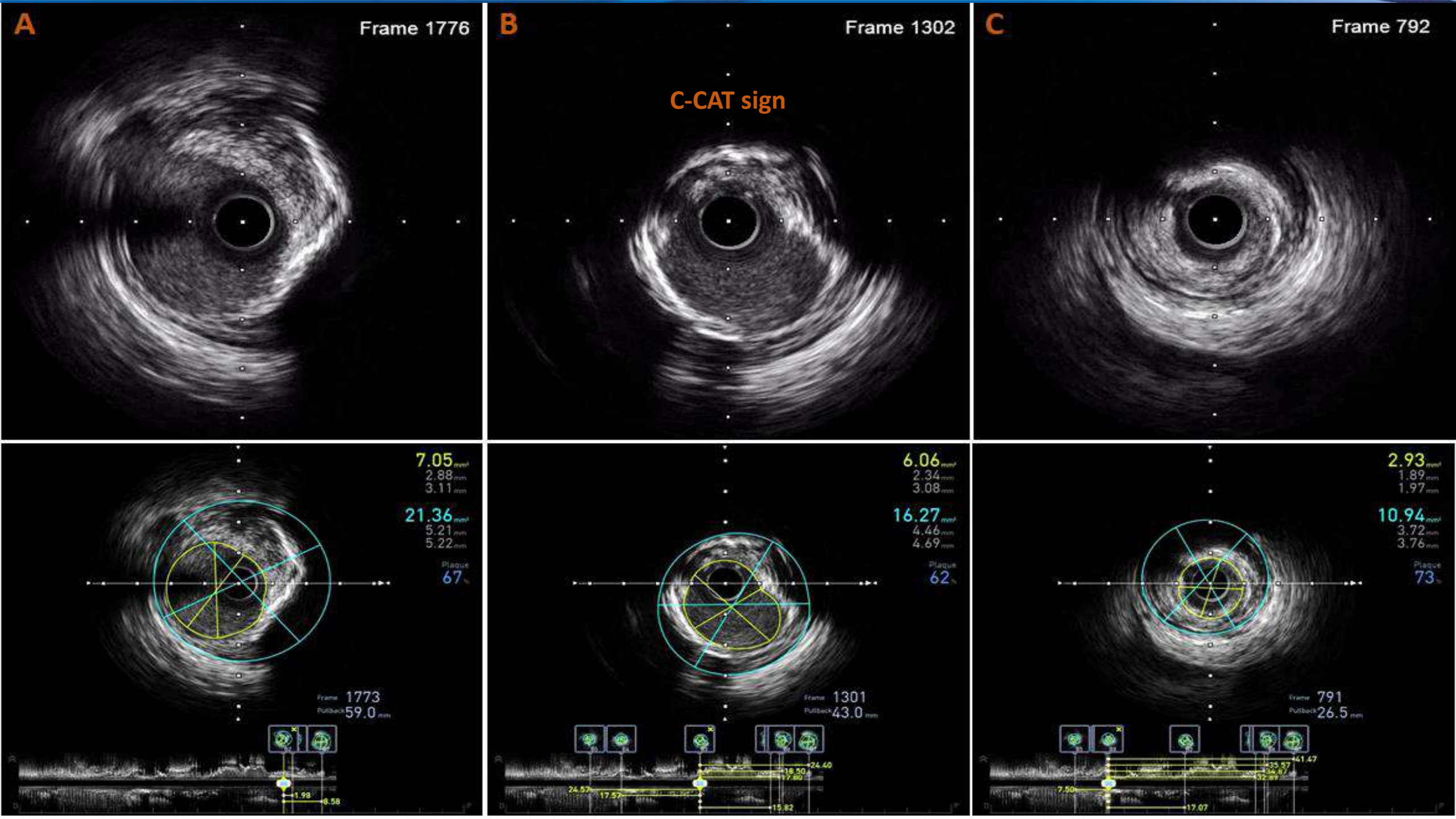
IVUS PRE - PROCEDIMIENTO




A
Frame 1776
B
Frame 1302
C-CAT sign
C
Frame 792
7.05
2.88
3.11
21.36
5.21
5.22
Plaque
67
Frame 1773
Pullback 59.0
1.98
8.58
6.06
2.34
3.08
16.27
4.46
4.69
Plaque
62
Frame 1301
Pullback 43.0
24.40
18.50
17.60
24.57
17.57
15.82
2.93
1.89
1.97
10.94
3.72
3.76
Plaque
73
Frame 791
Pullback 26.5
41.47
35.57
34.67
32.07
7.50
17.07

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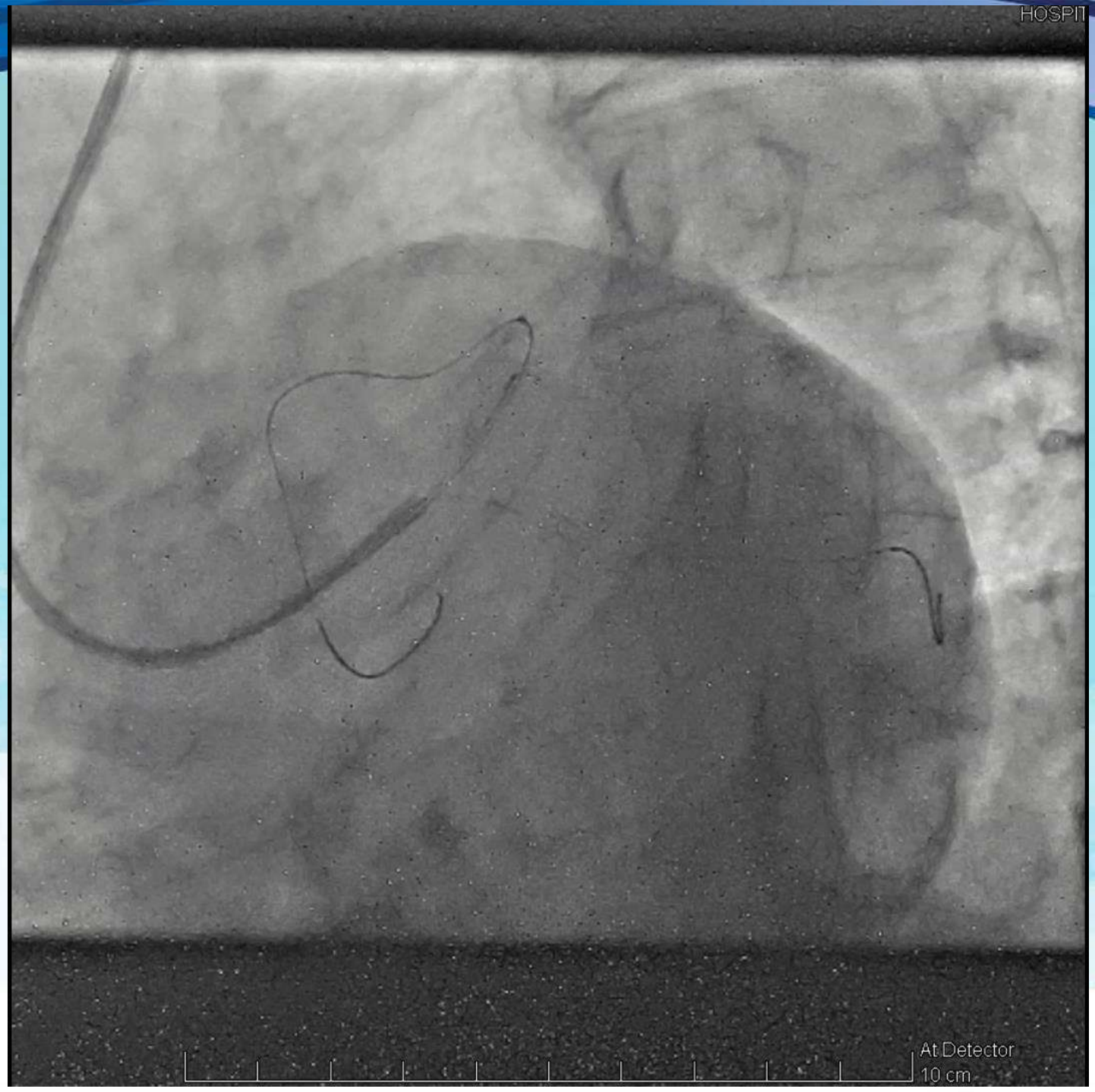
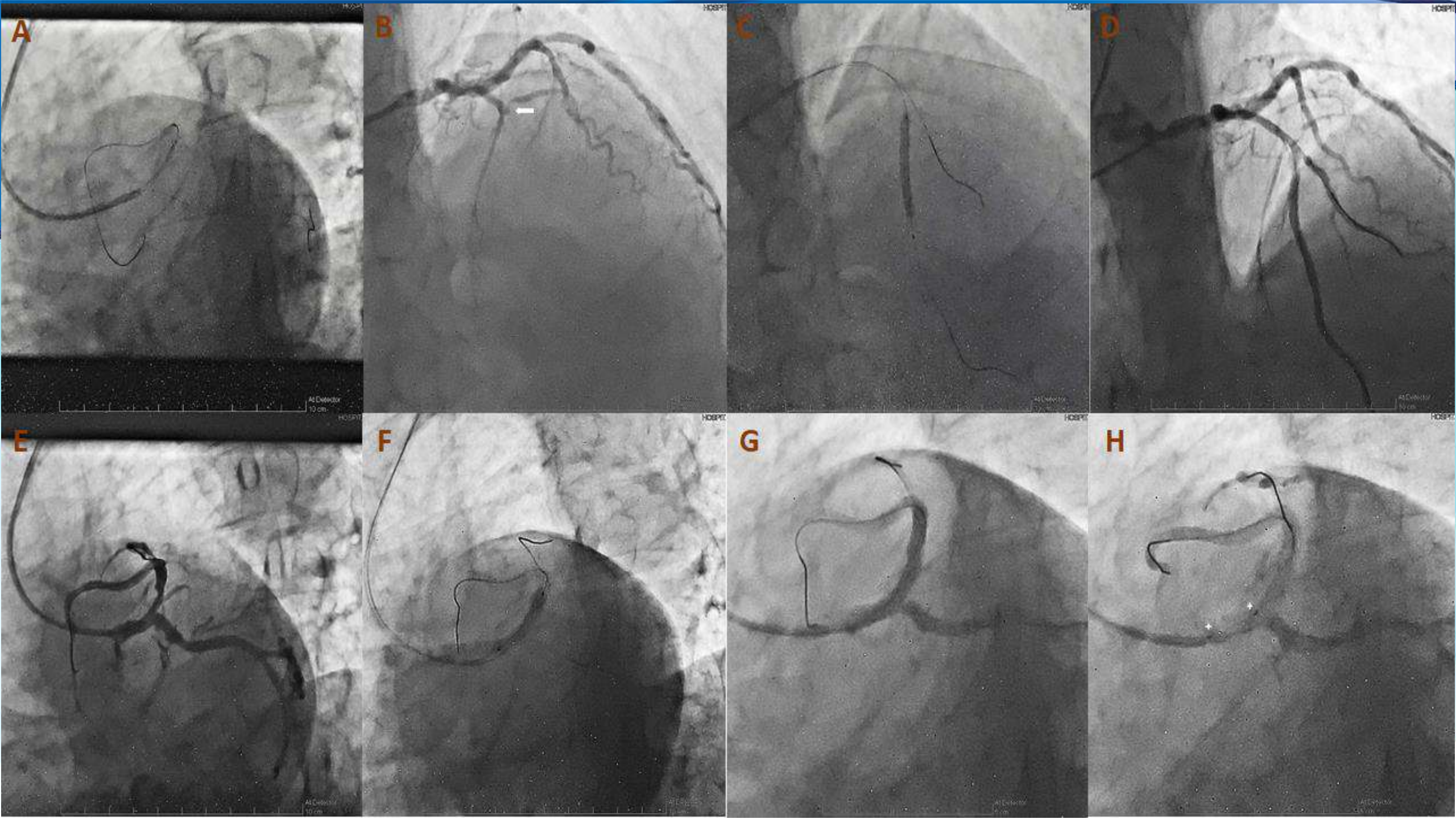
Oclusión aguda de DA + ACTP TCI-DA




A
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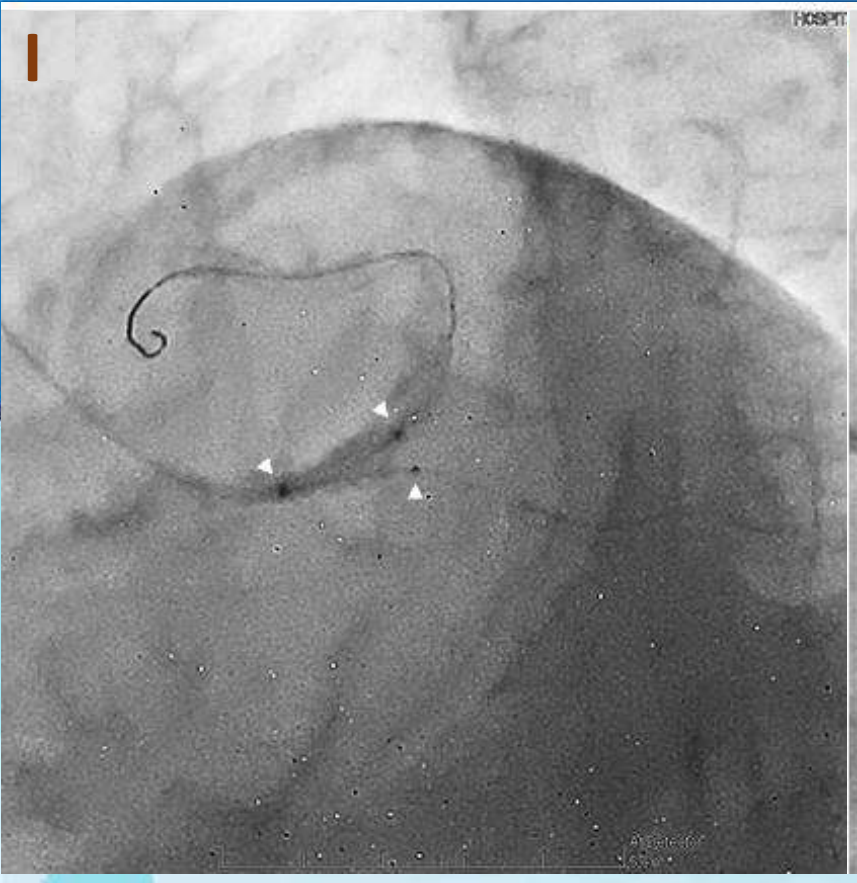
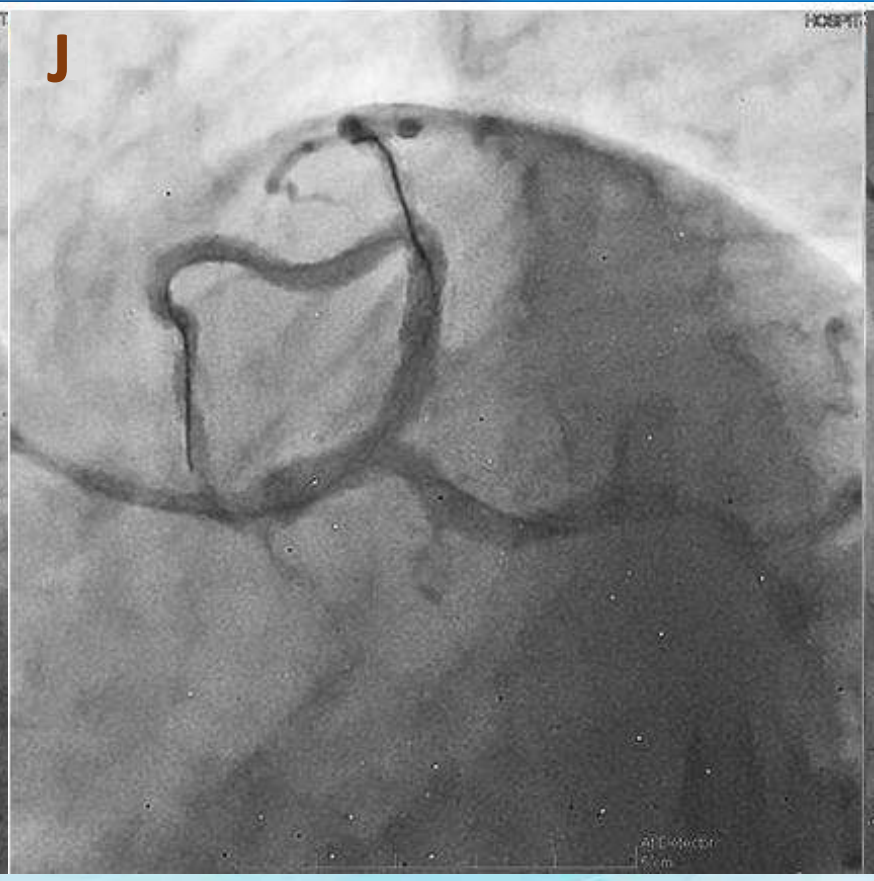
G
H


I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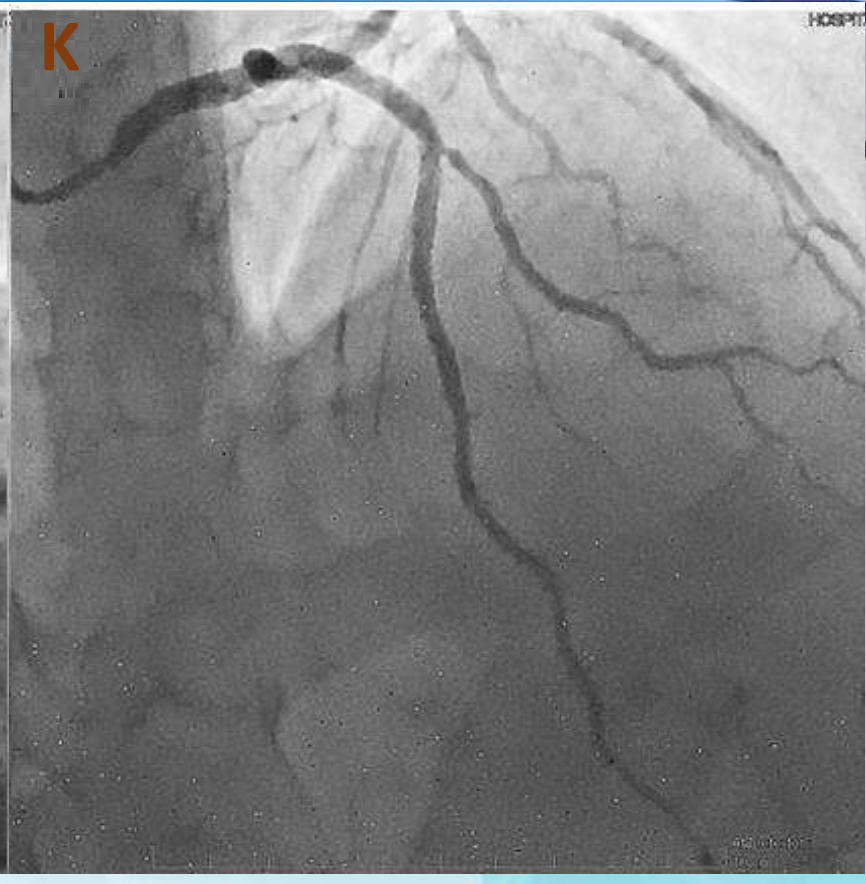
K

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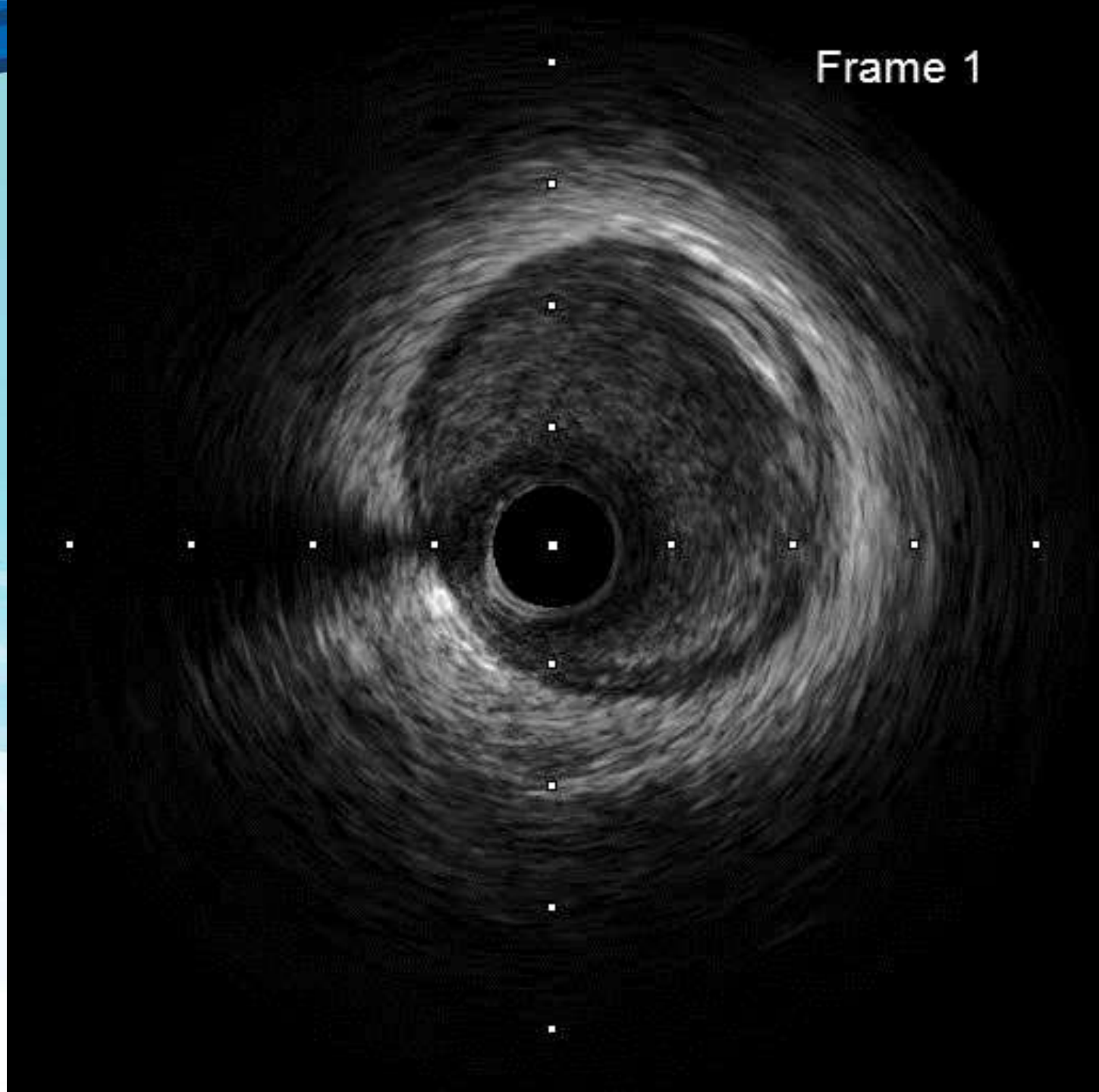
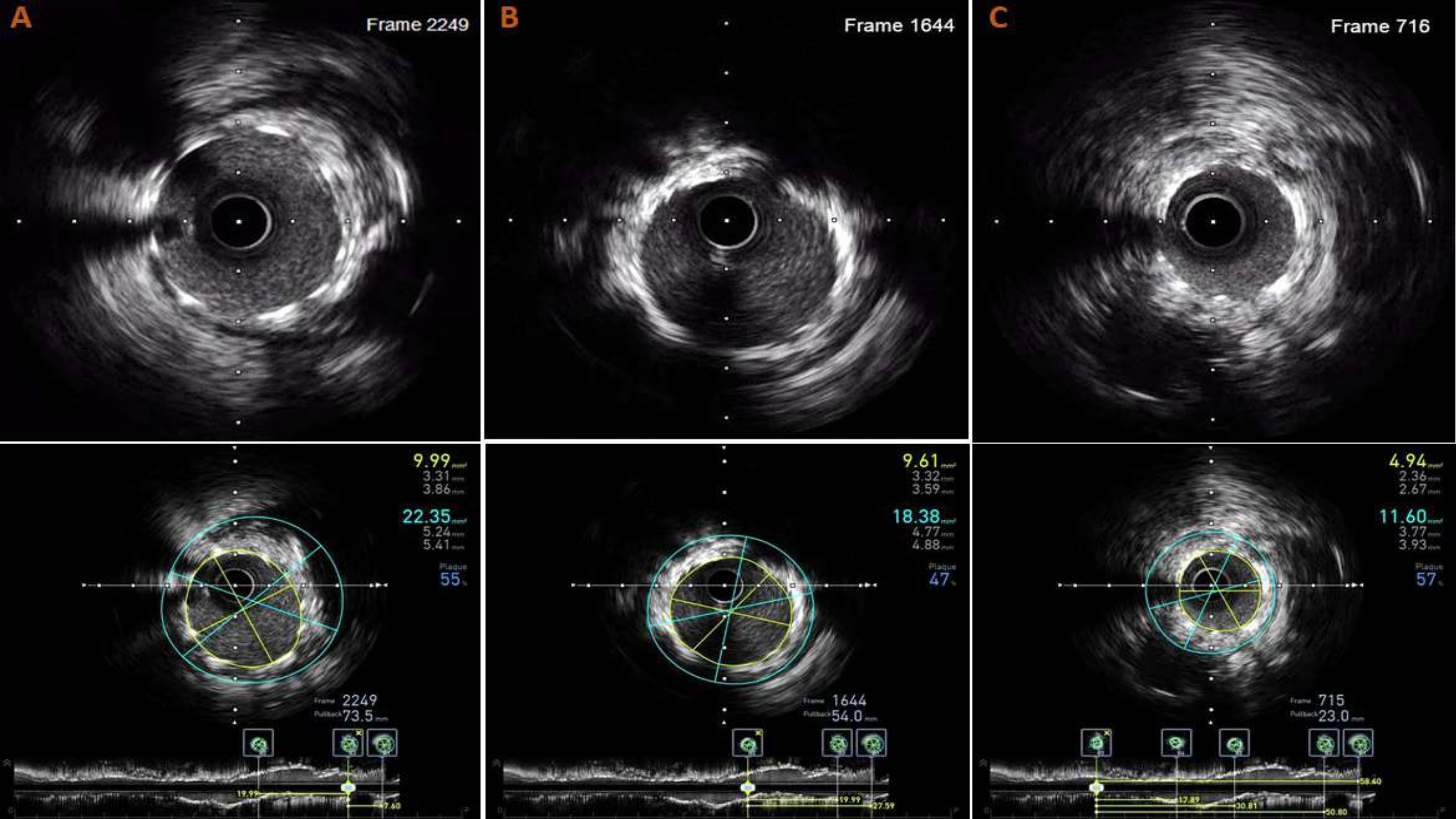
IVUS POST - PROCEDIMIENTO




A
Frame 2249
B
Frame 1644
C
Frame 716
9.99
3.31
3.86
22.35
5.24
5.41
Plaque
55
Frame 2249
Pullback 73.5
9.61
3.32
3.59
18.38
4.77
4.88
Plaque
47
Frame 1644
Pullback 54.0
4.94
2.36
2.67
11.60
3.77
3.93
Plaque
57
Frame 715
Pullback 23.0

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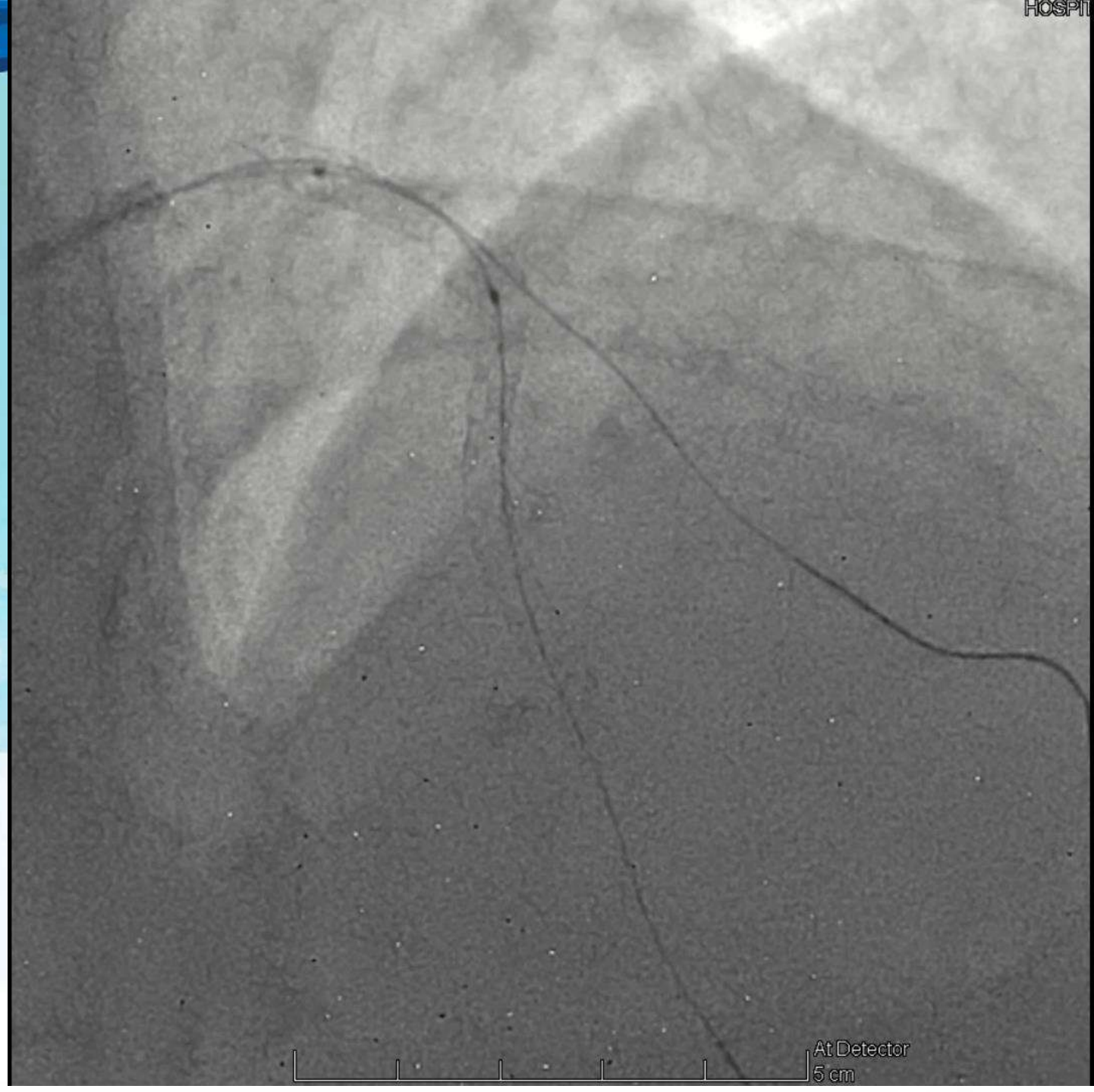
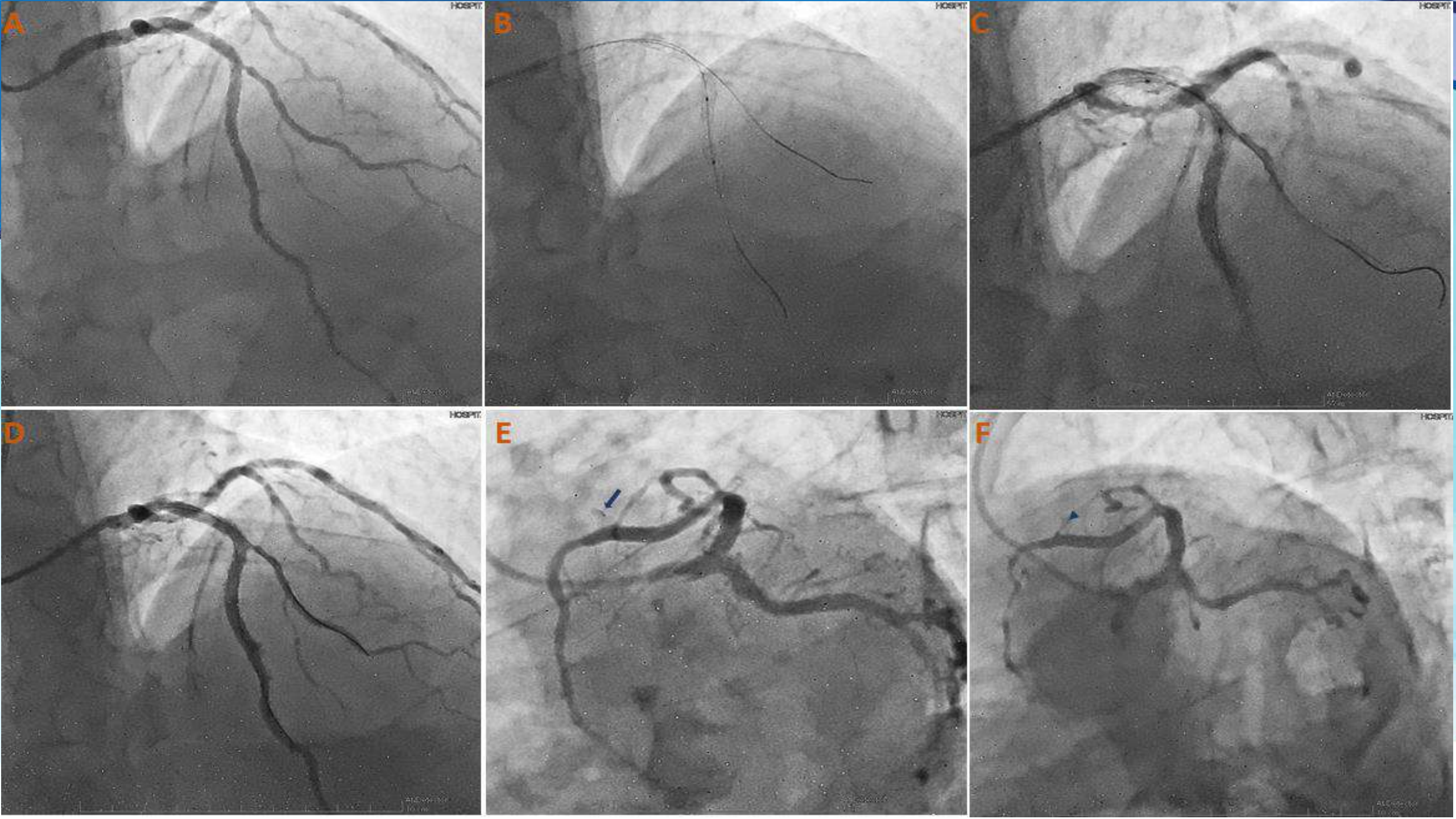
POSTDILATACIÓN Y PERFORACION CORONARIA




A
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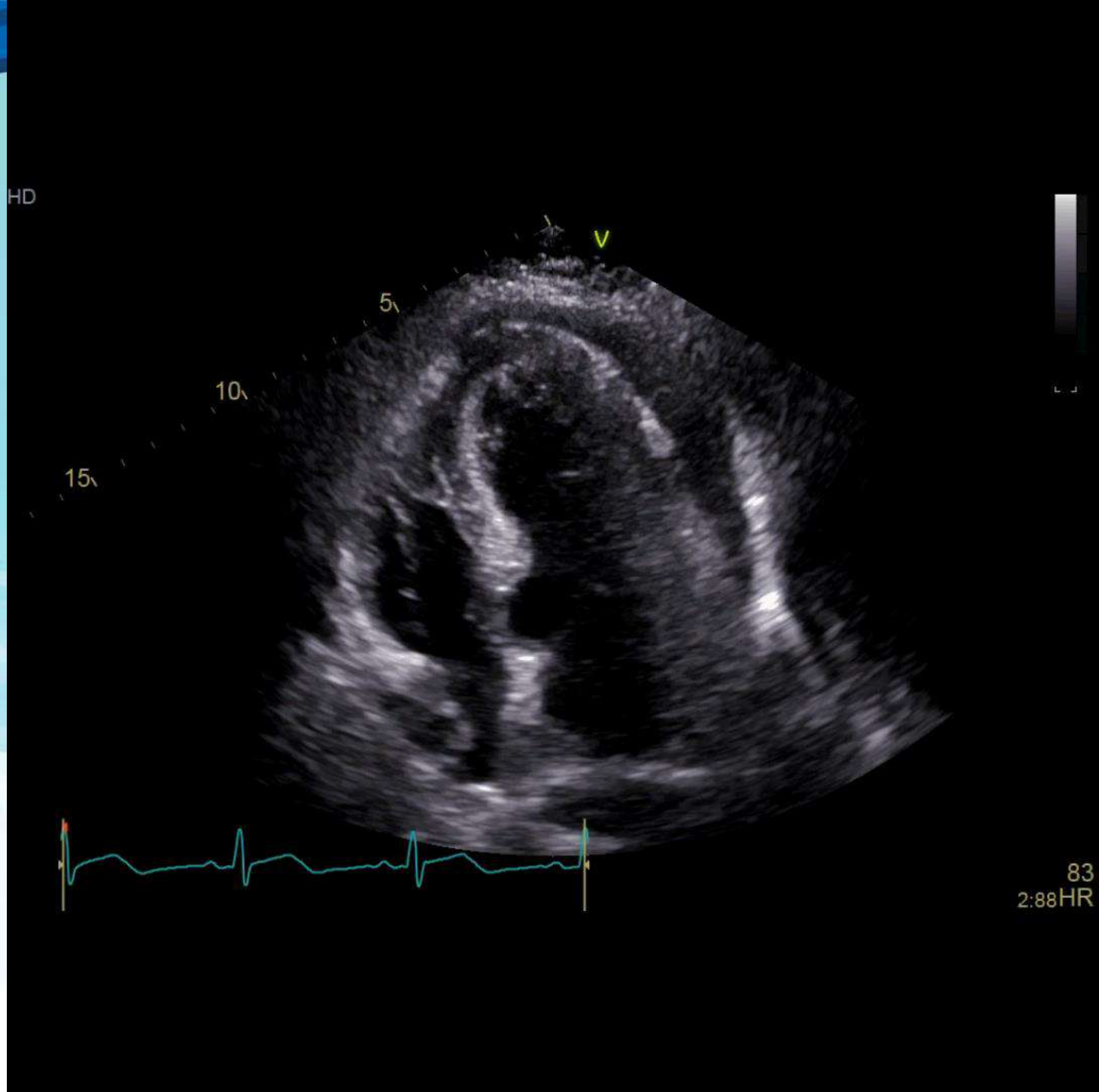
ETT – UCI CORONARIA



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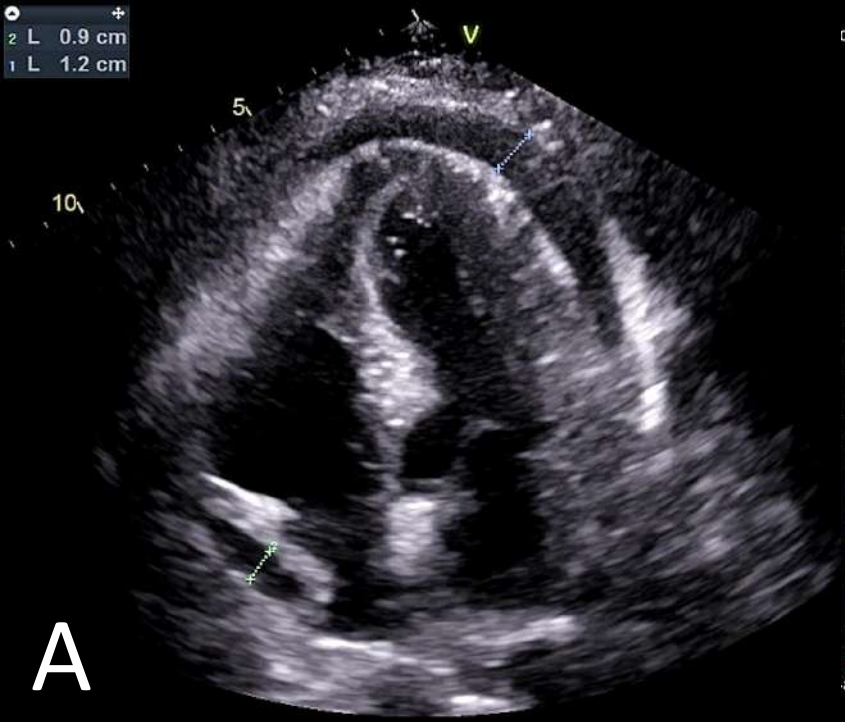

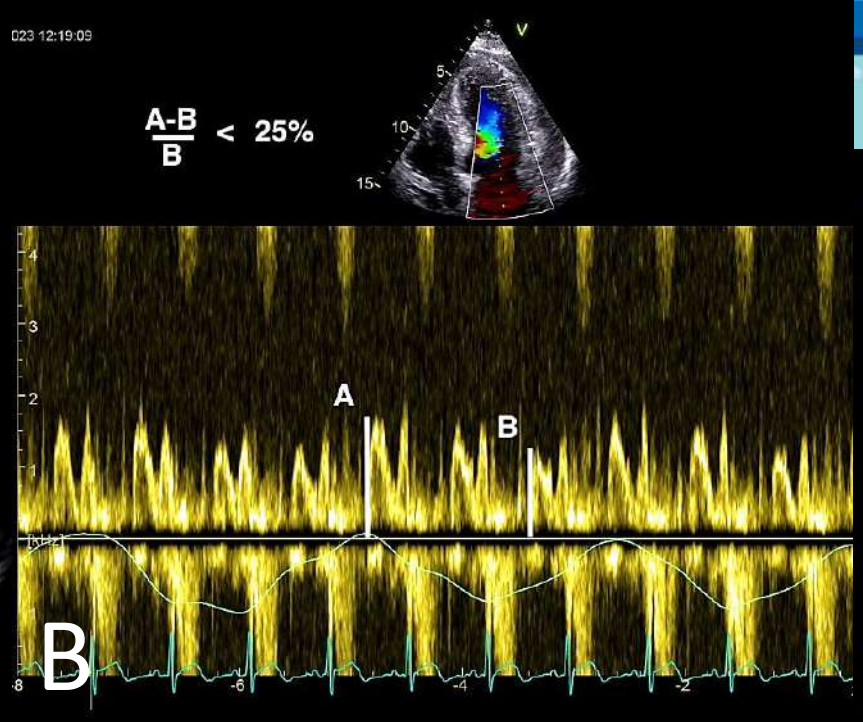

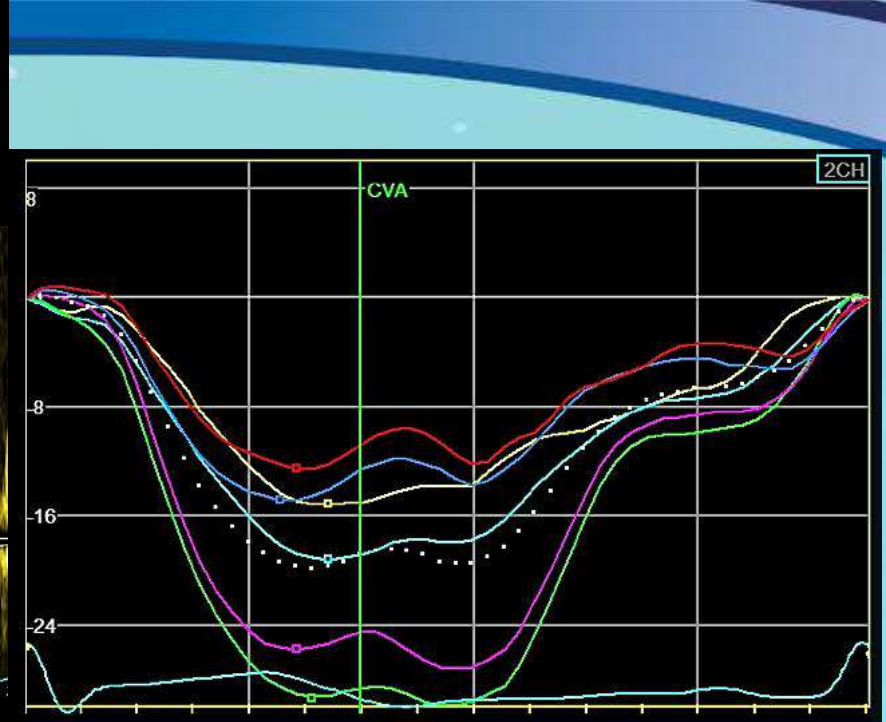

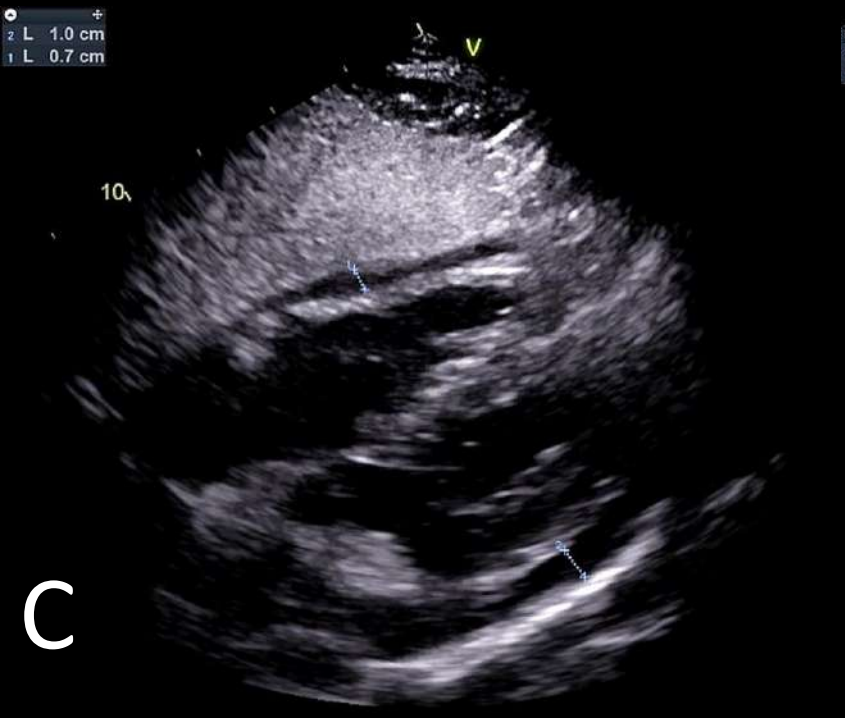

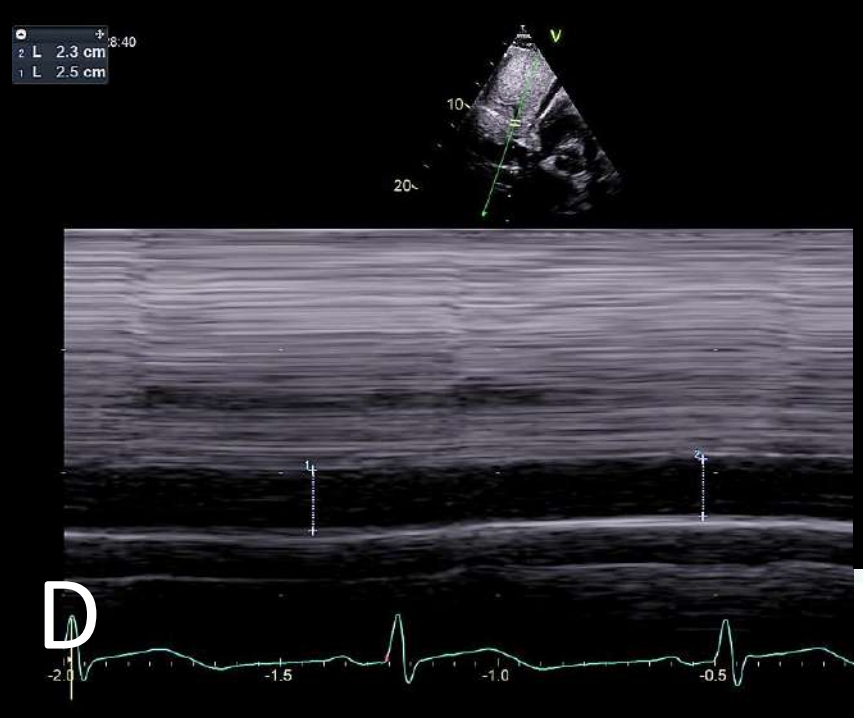

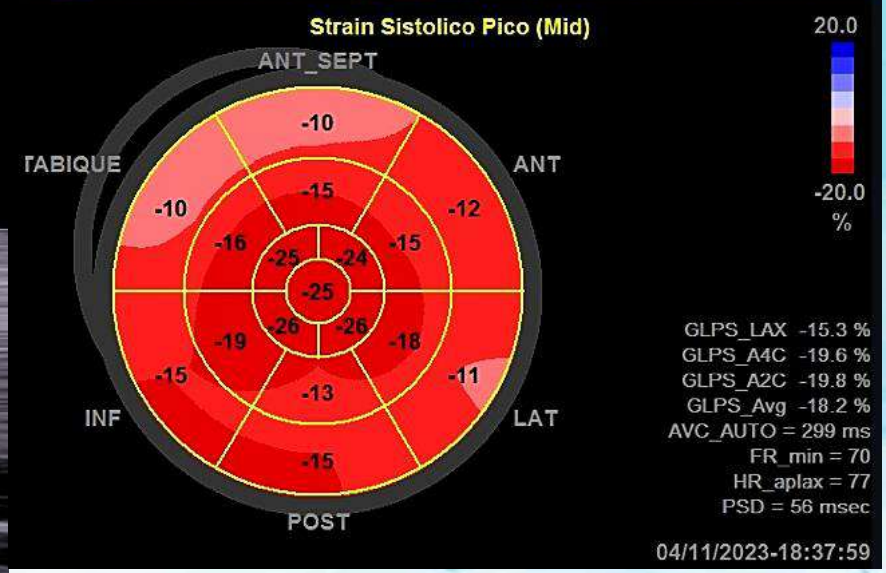

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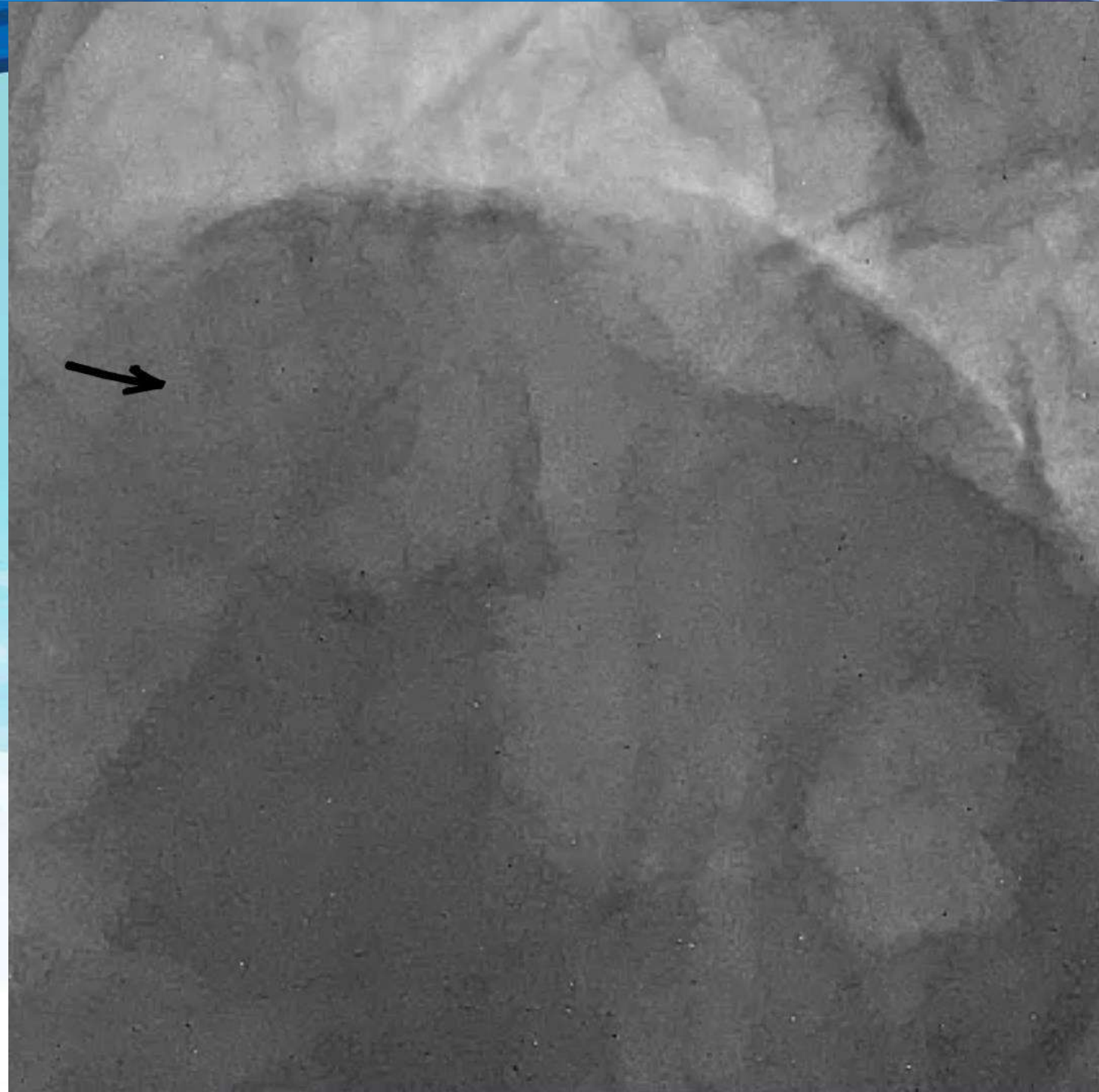
ANGIOGRAFÍA CORONARIA POST PERFORACIÓN



Desenlace Y Evolución

DISCUSIÓN Y COMENTARIOS

Mensajes para casa

- El IVUS es una herramienta importante en la cardiología intervencionista, a pesar de máximo nivel de recomendación IIA.
- A pesar de esto, es una herramienta que NO está exenta de riesgos.
- Existen factores de riesgo que aumentan la probabilidad de complicaciones asociadas al IVUS.
- Se han reportado novedosos predictores imagenológicos de perforación coronaria → C-CAT sign.
- La severidad de la perforación coronaria es quien dirigirá el manejo del paciente.
- Es fundamental conocer las posibles complicaciones durante el intervencionismo y su adecuado manejo.

Bibliografía

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GRACIAS

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