

“CASO INUSUAL – OFF LABEL”

“Tratamiento percutáneo de estenosis aórtica severa con **anillo Extra-Extra-Extra grande**”

Dr. MANUEL ESPINOZA RUEDA

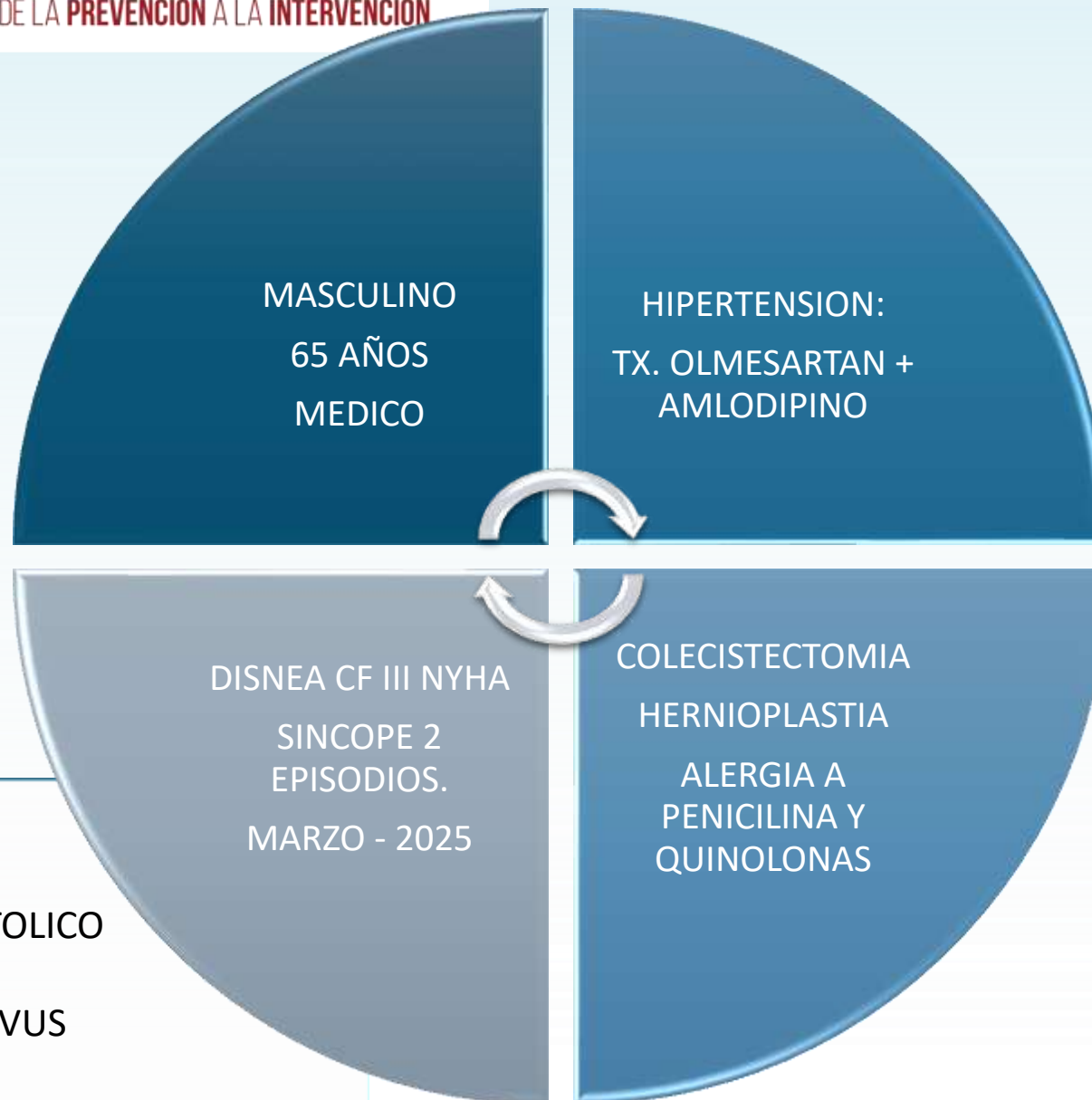
CARDIOLOGIA INTERVENCIONISTA
CARDIOLOGIA CLINICA
MEDICINA INTERNA

HOSPITAL DEL VALLE – HONDURAS – SPS.

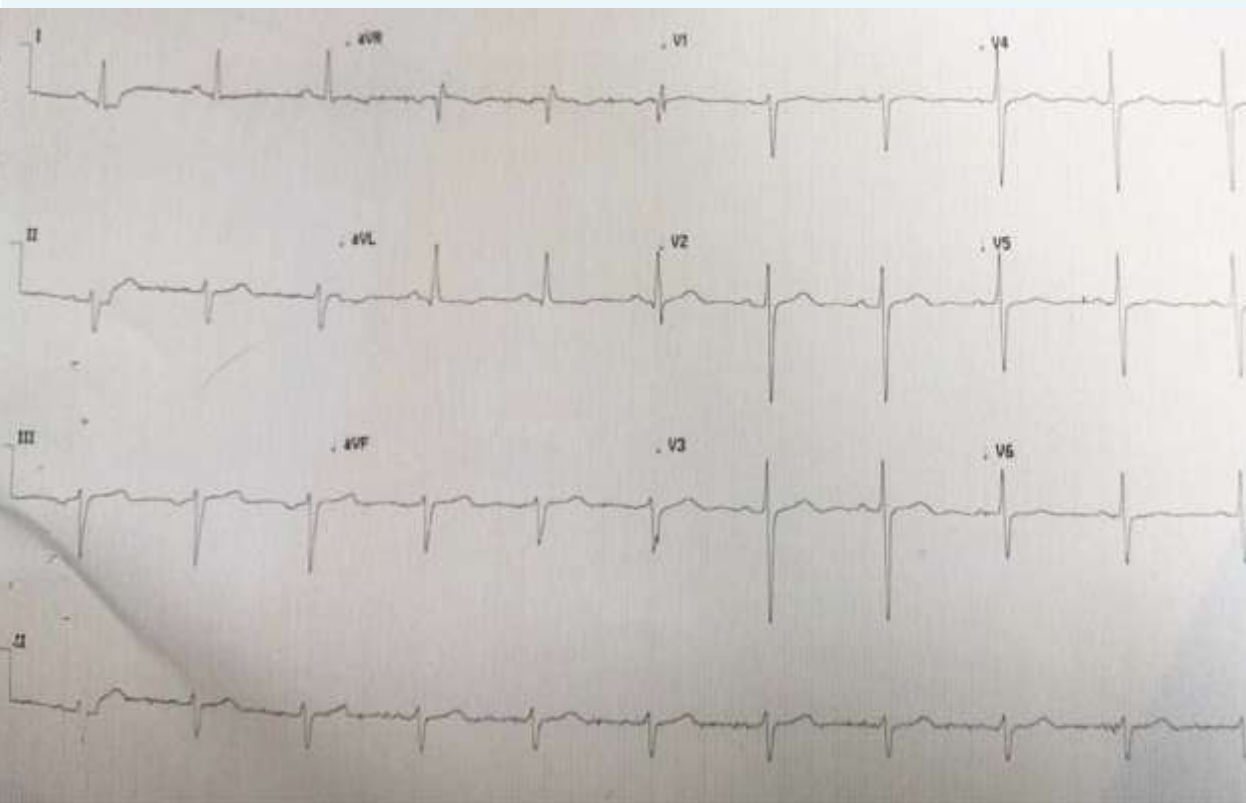




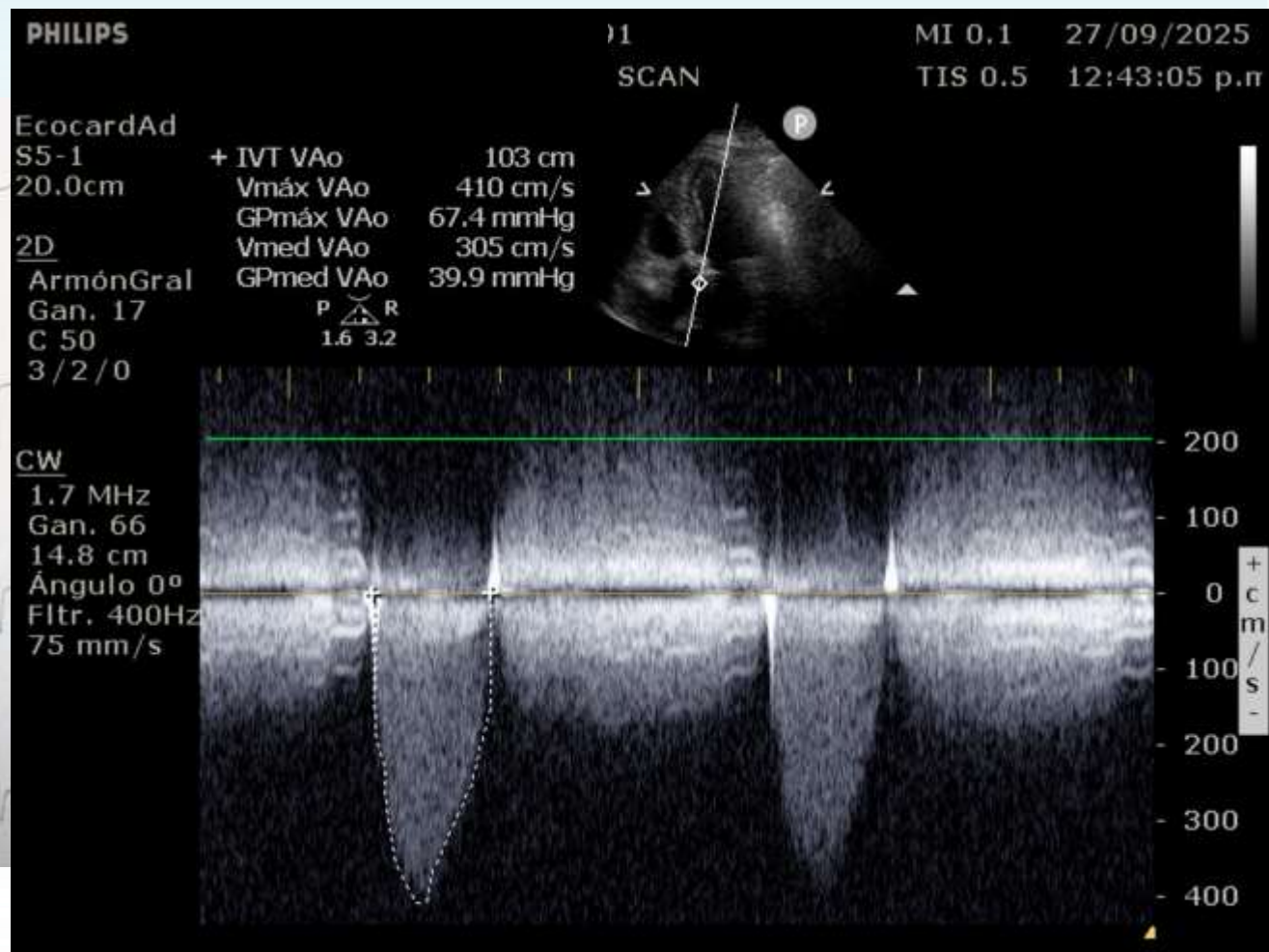
DATOS GENERALES



- SOPLO SISTOLICO AORTICO
- PULSO PARVUS TARDUS



ELECTROCARDIOGRAMA BASAL

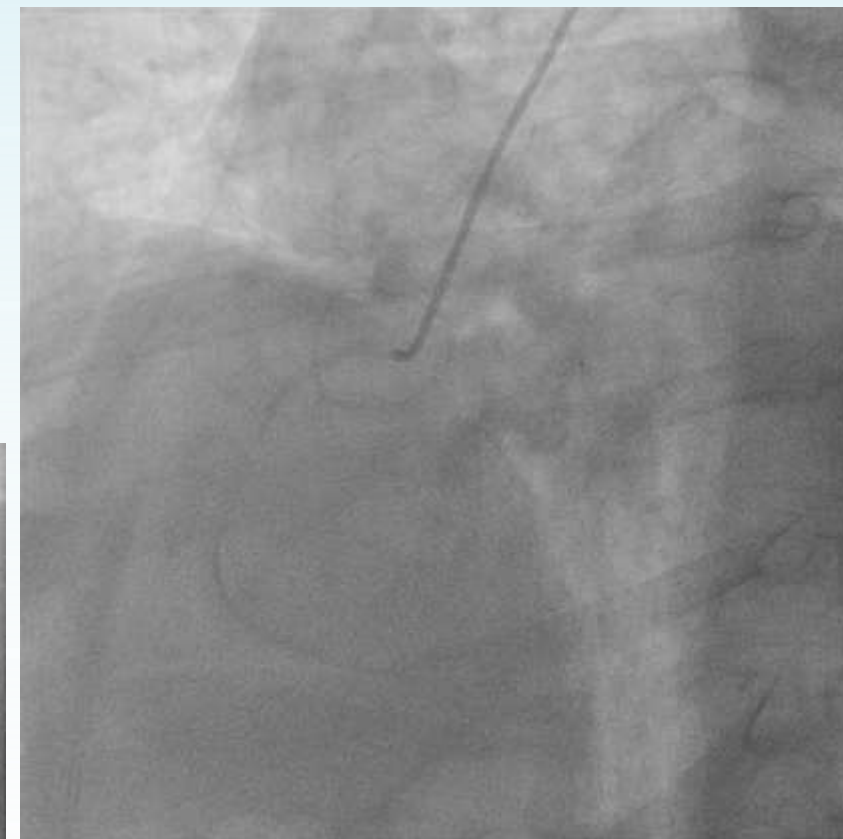
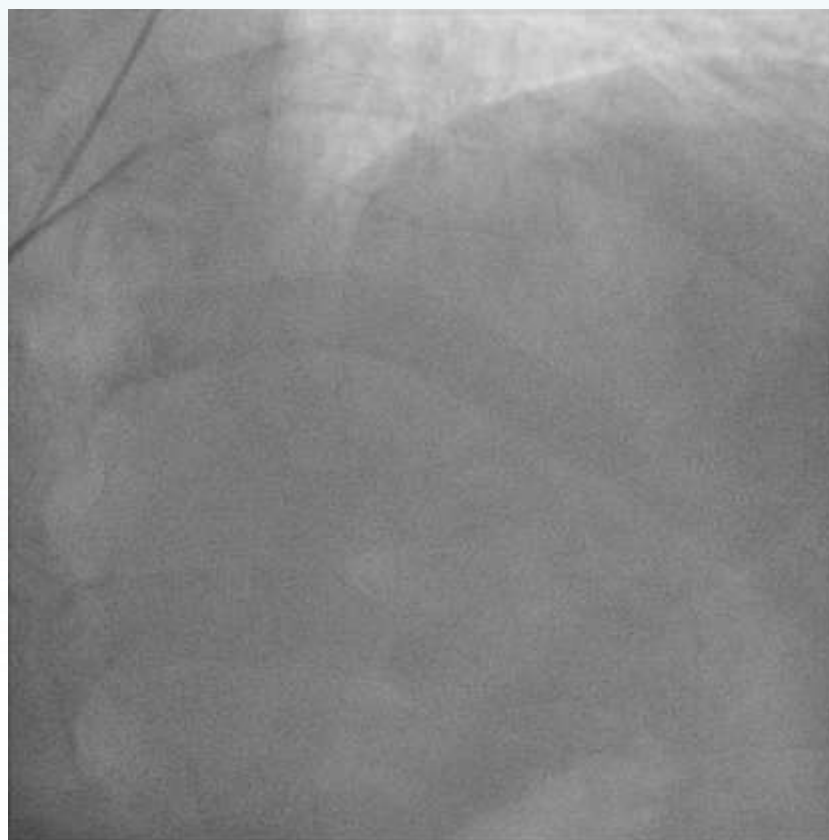
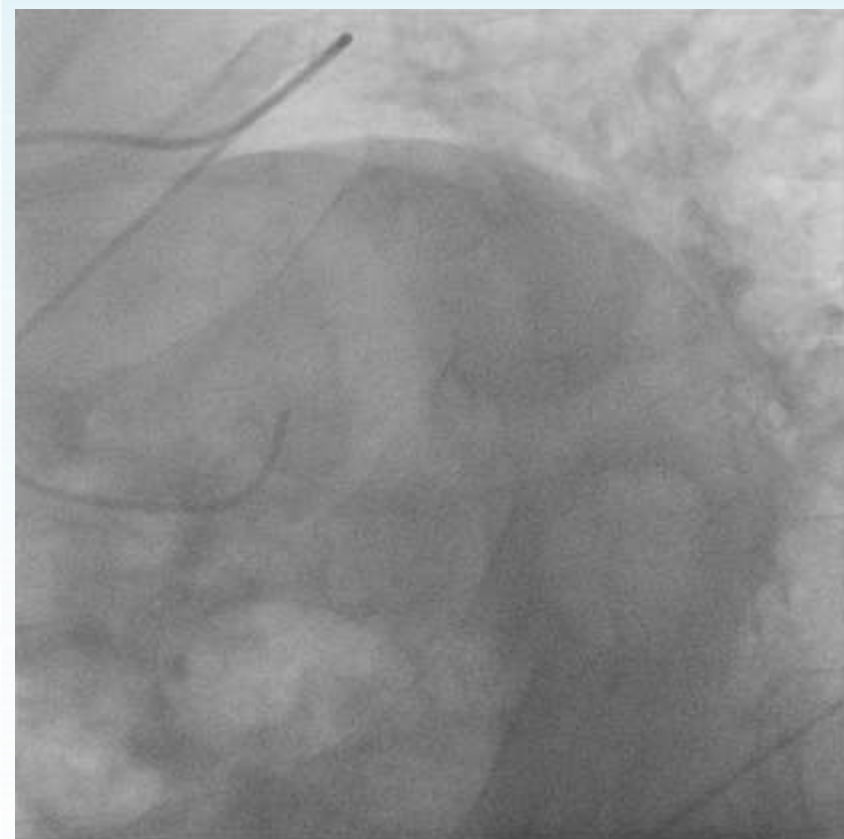


ECOCARDIOGRAMA BASAL:

**VELOCIDAD MAXIMA 4.1 M/S, GRADIENTE MEDIO 40 MMHG, AREA 0.4 CM².
AORTA BIVALVA.**



ANGIOGRAFIA CORONARIA

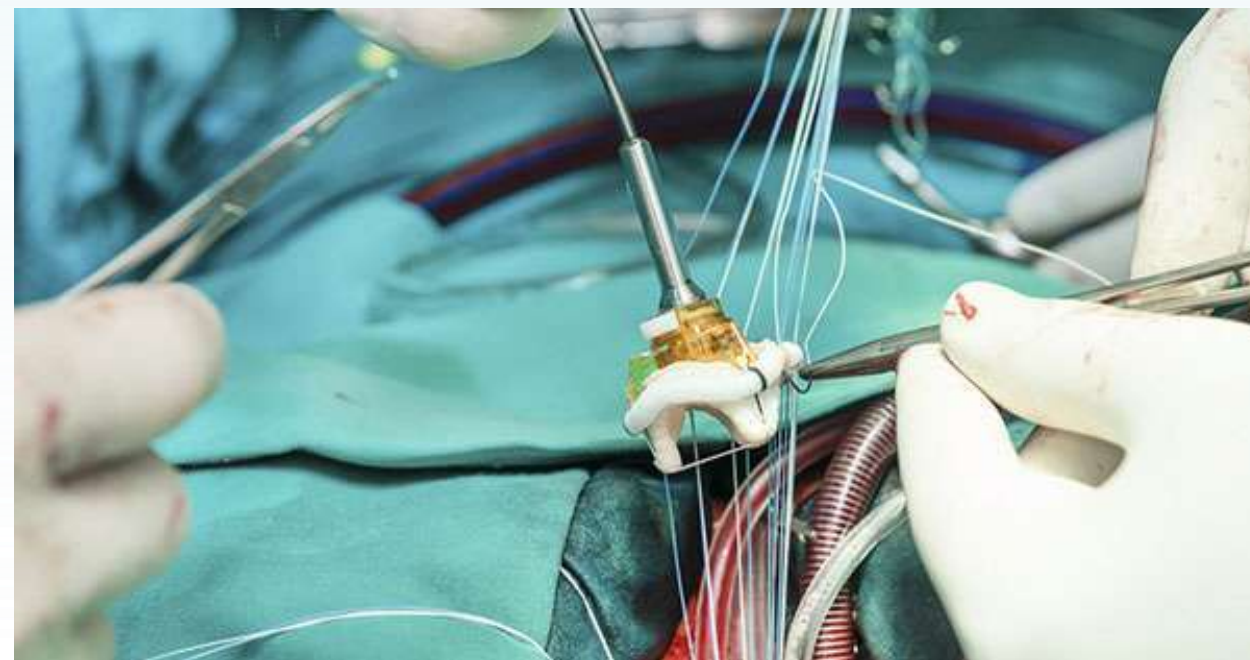


STS SCORE

PERIOPERATIVE OUTCOME	ESTIMATE %
Operative Mortality	0.704%
Morbidity & Mortality	4.33%
Stroke	0.54%
Renal Failure	0.902%
Reoperation	2.64%
Prolonged Ventilation	1.9%
Deep Sternal Wound Infection	0.038%
Long Hospital Stay (>14 days)	1.8%
Short Hospital Stay (<6 days)*	65.1%

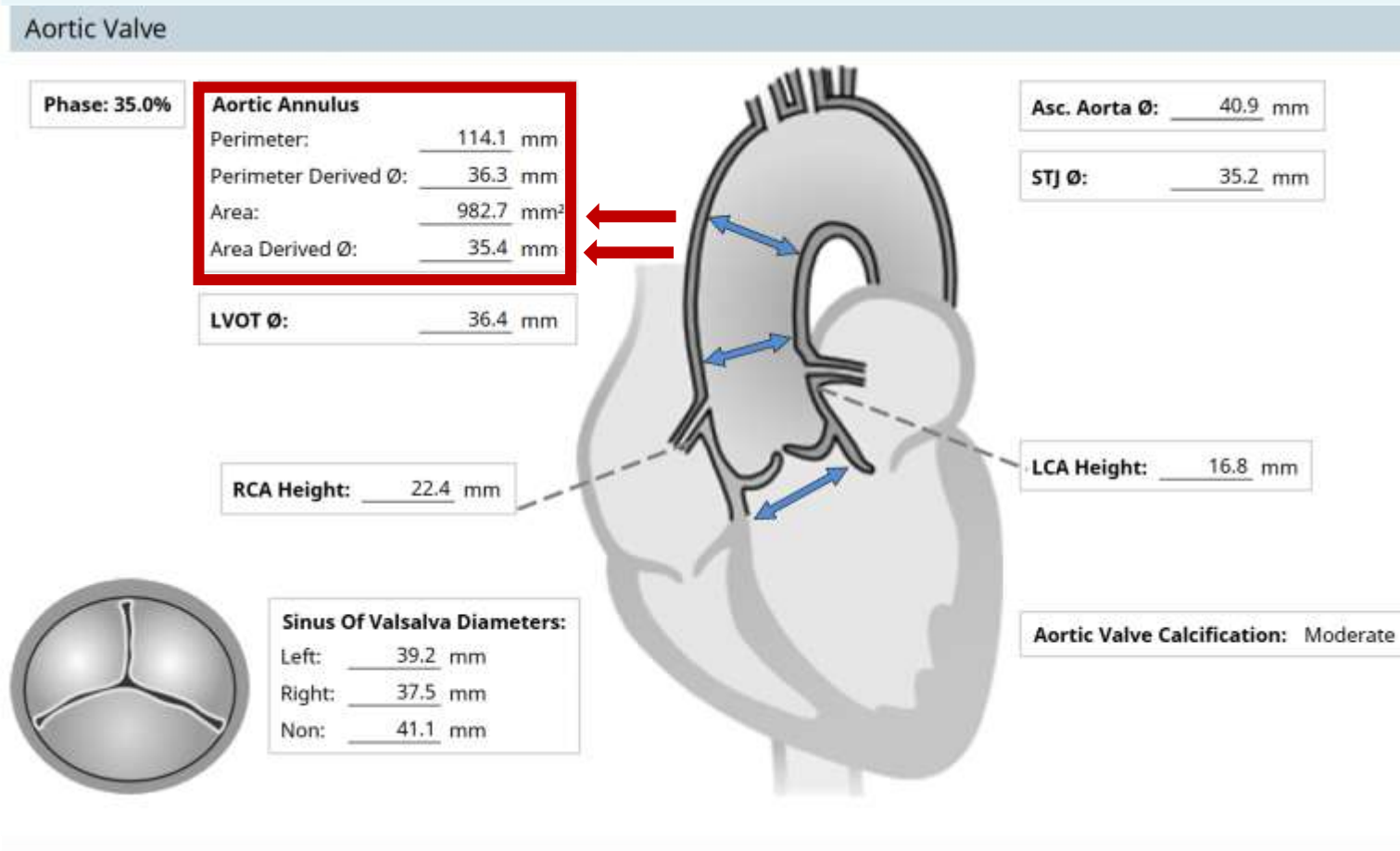
*higher values reflect a better outcome

SE PROPONE 1ERA
OPCION PARA AVR

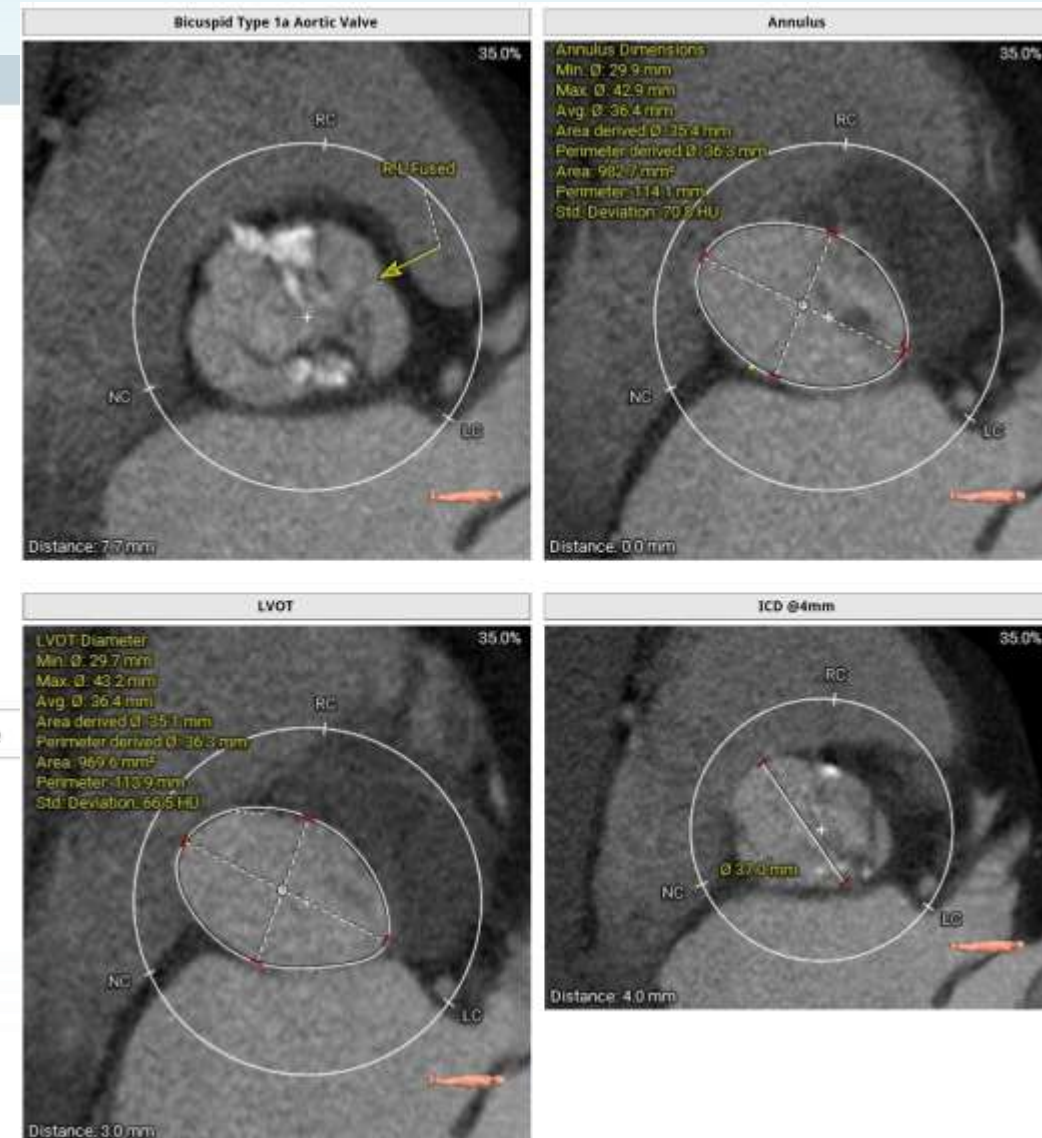


PACIENTE NO ACEPTA CIRUGIA ABIERTA Y ACEPTA COMO OPCION “TAVR”.

ANGIOTAC

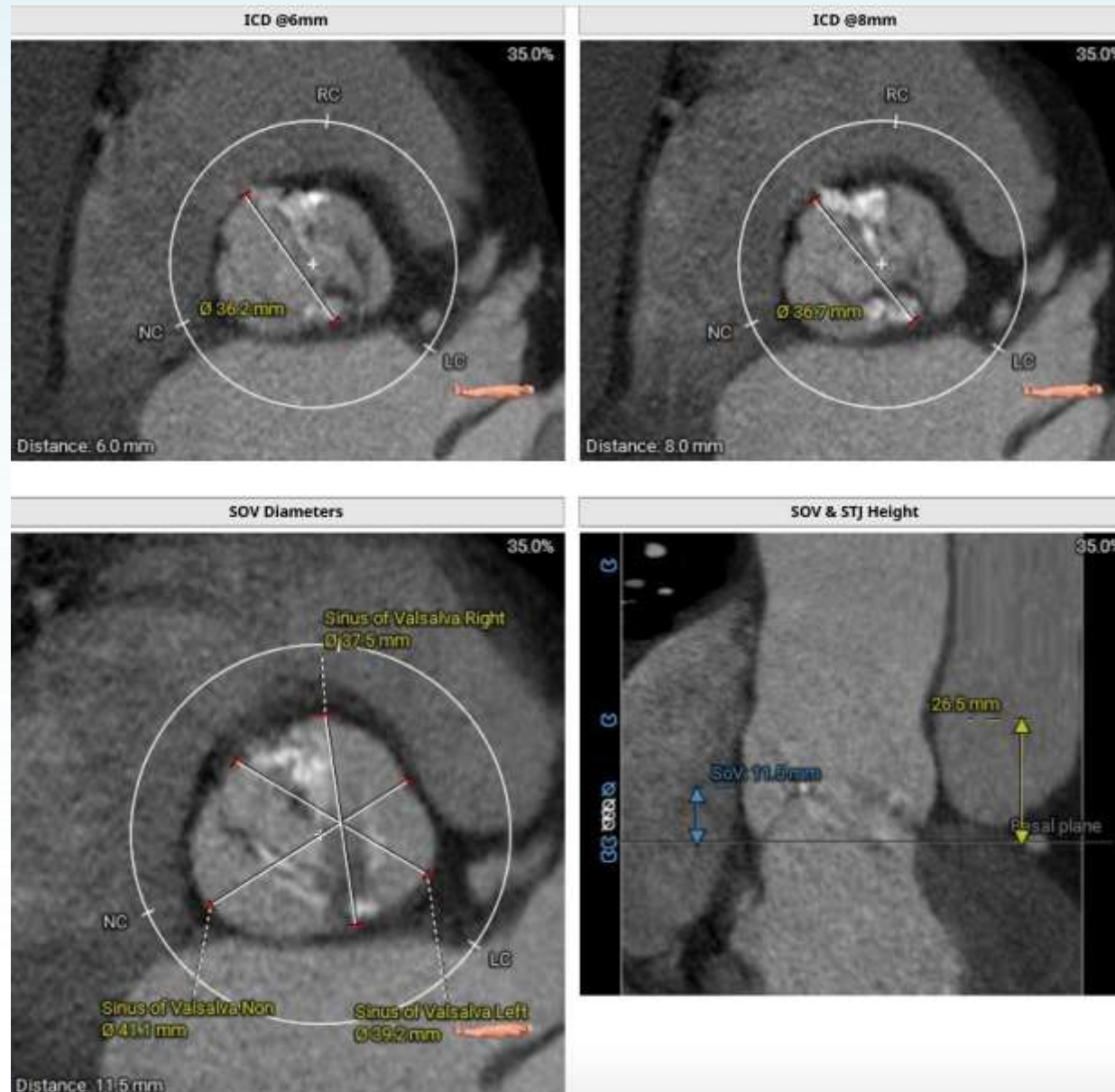


DIAMETRO INTERCOMISURAL: 36-37 MM

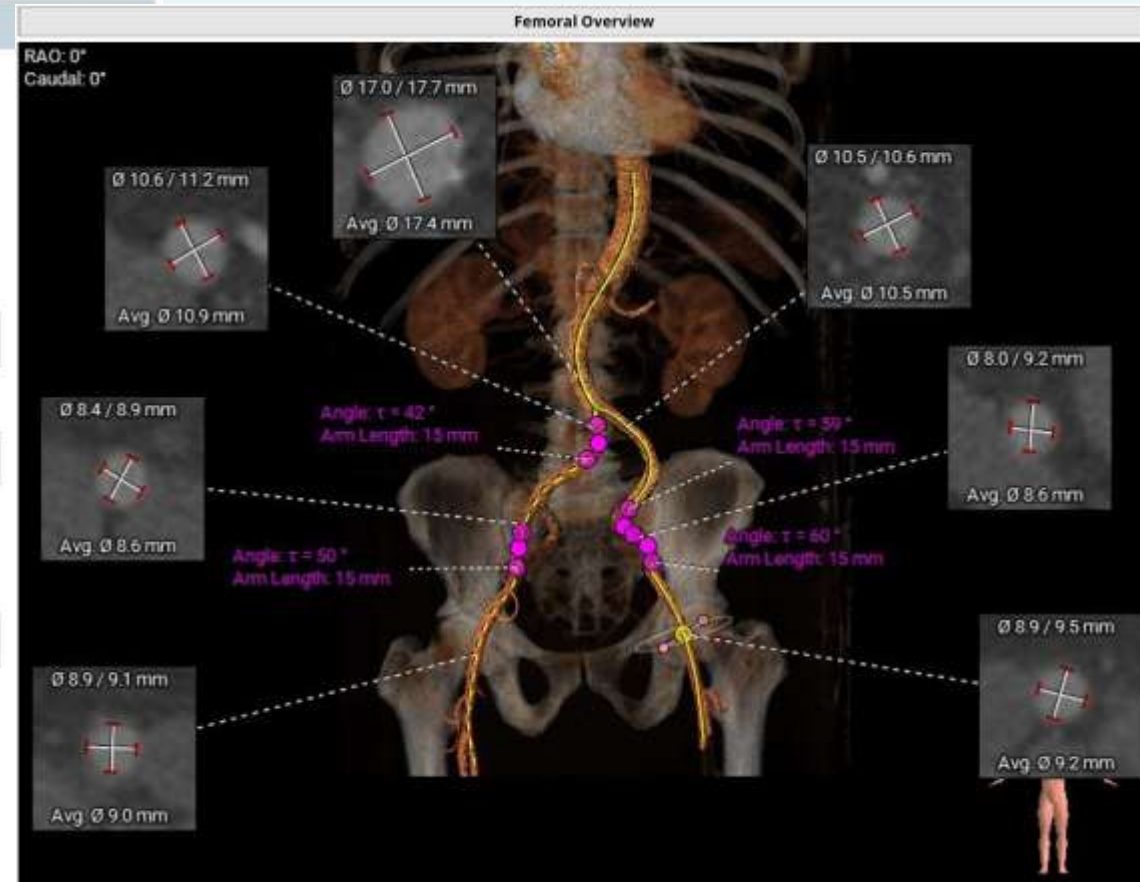
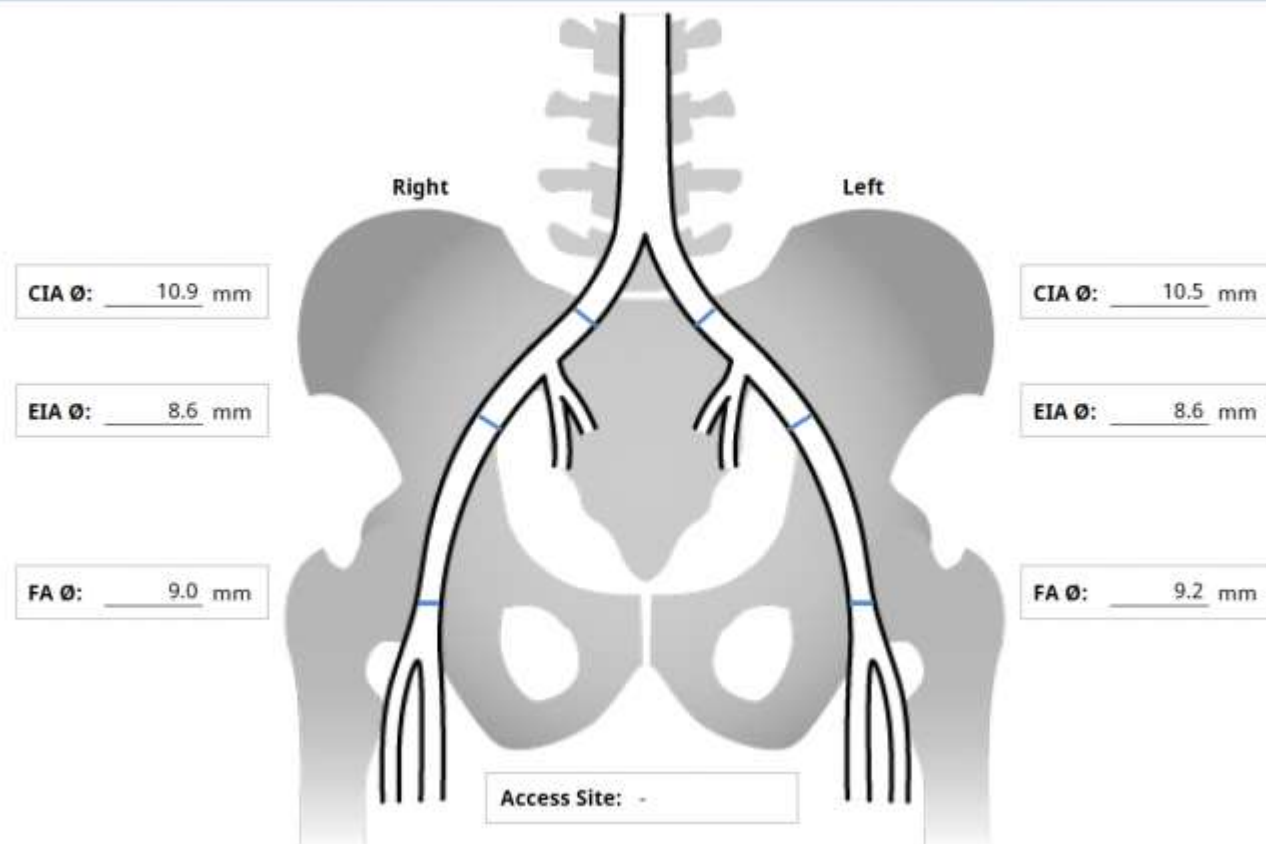




ANGIOTAC



Femoral



ACCESOS FEMORALES

QUE PROTESIS UTILIZAR?

Aortic Annulus	
Perimeter:	114.1 mm
Perimeter Derived Ø:	36.3 mm
Area:	982.7 mm²
Area Derived Ø:	35.4 mm

MEDTRONIC AUTOEXPANDIBLE EVOLUT R /PRO + 34 MM	EDWARDS BALON EXPANDIBLE SAPIEN 3 /SAPIEN 3 ULTRA 29 MM	ABBOTT AUTOEXPANDIBLE NAVITOR 29 MM	BIOSENSORS AUTOEXPANDIBLE ALLEGRA 34 MM
DIAMETRO: 26-30 MM PERIMETRO 81-94 MM	DIAMETRO: 26-29.5 AREA: 540-683 MM²	DIAMETRO: 25-27 MM PERIMETRO: 79-85 MM AREA: 479-573 MM²	DIAMETRO: 27-30 MM PERIMETRO: 85-94 MM AREA: 575-707 MM²

SE DECIDE IMPLANTE DE VALVULA BALON EXPANDIBLE:

Aortic Annulus

Perimeter:	<u>114.1</u>	mm
Perimeter Derived Ø:	<u>36.3</u>	mm
Area:	<u>982.7</u>	mm ²
Area Derived Ø:	<u>35.4</u>	mm

MERIL BALON EXPANDIBLE MYVAL XL 32 MM

DIAMETRO: 29.9-32.7 MM
AREA: 700-840 MM²
+
3 o 4 ML?

MERIL BALON EXPANDIBLE MYVAL XXL 35 MM

DIAMETRO: 32.7-35.9 MM
AREA: 840-1010 MM²
+
1 o 2 ML?



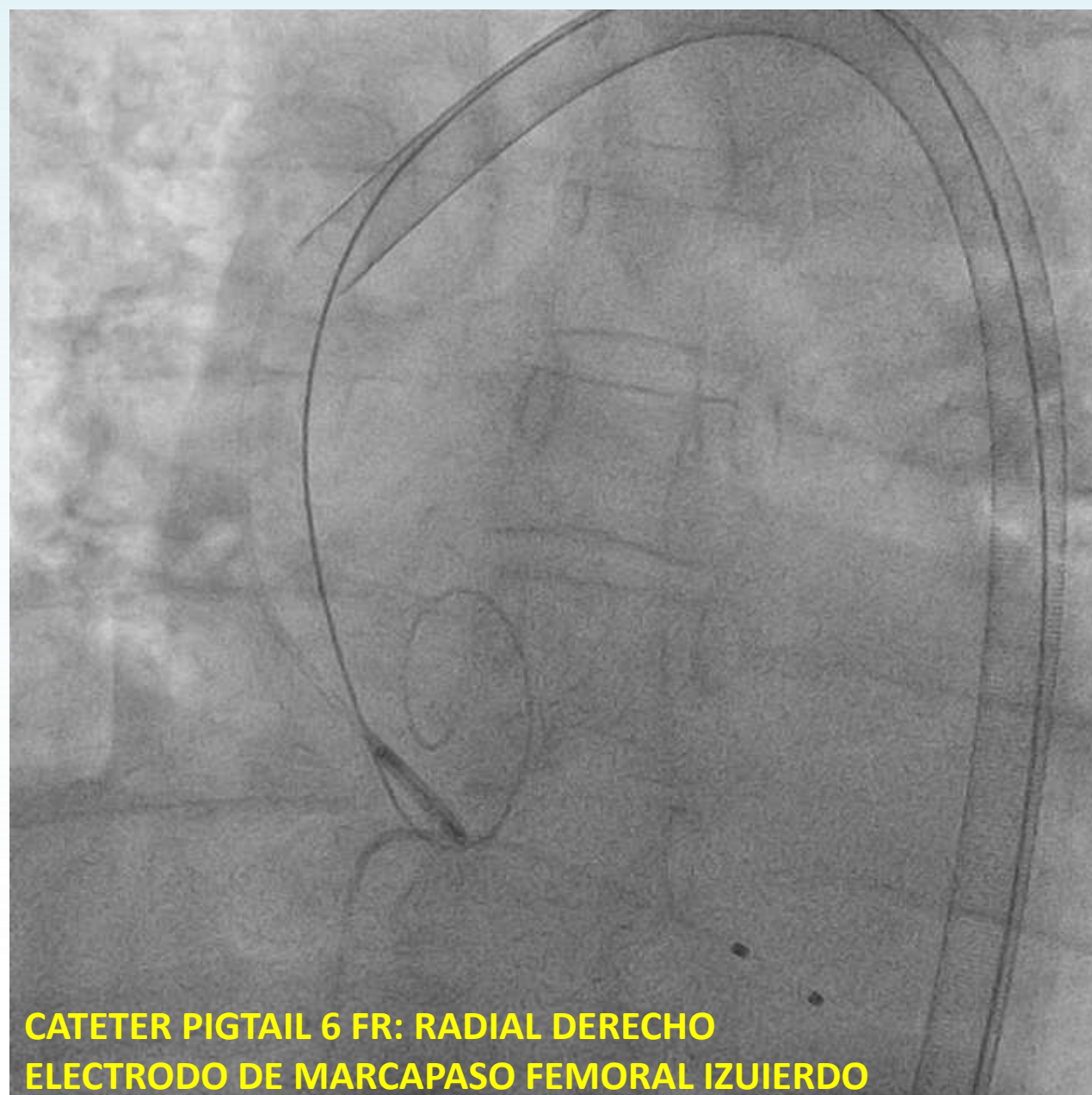
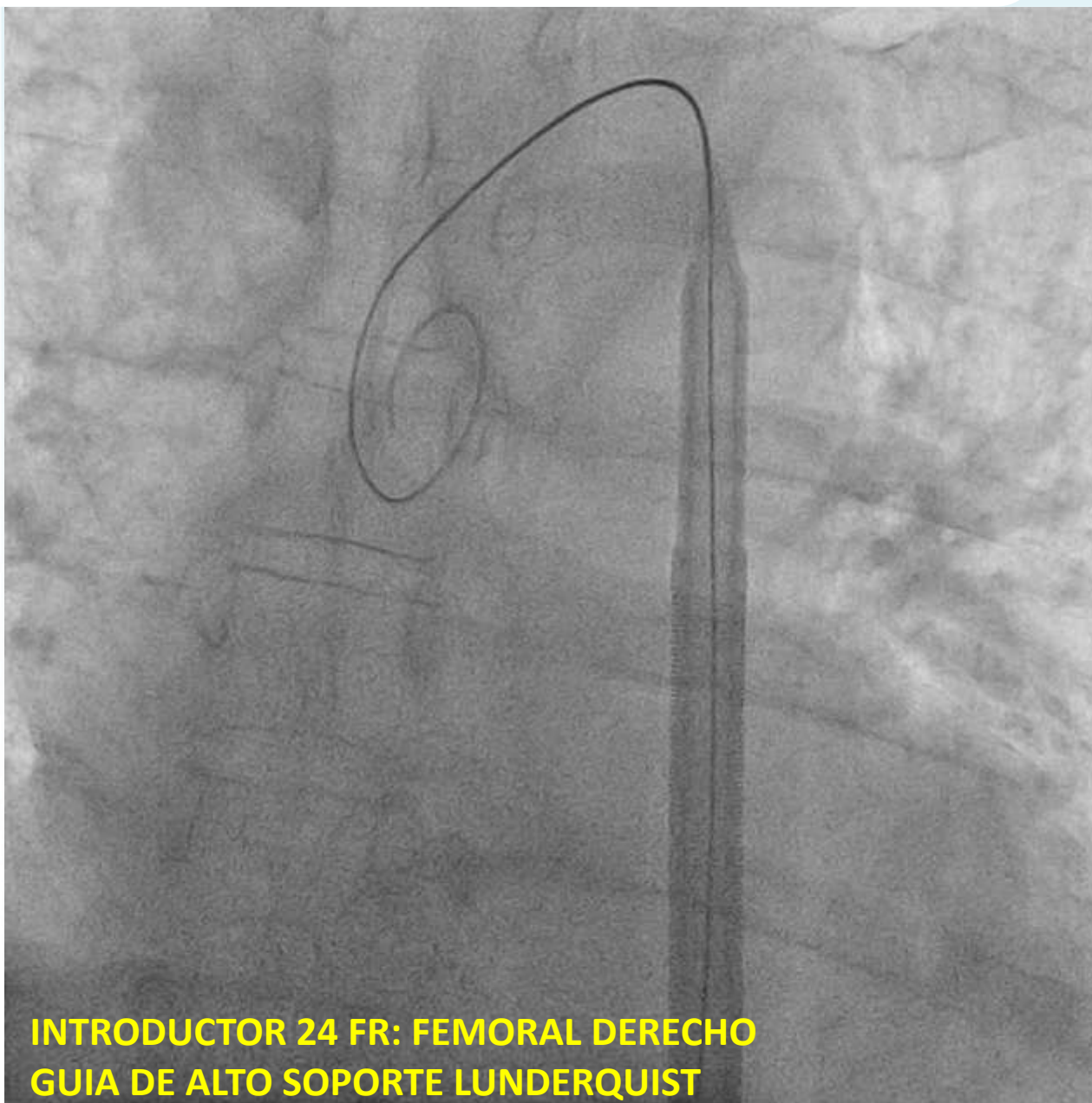
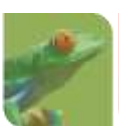


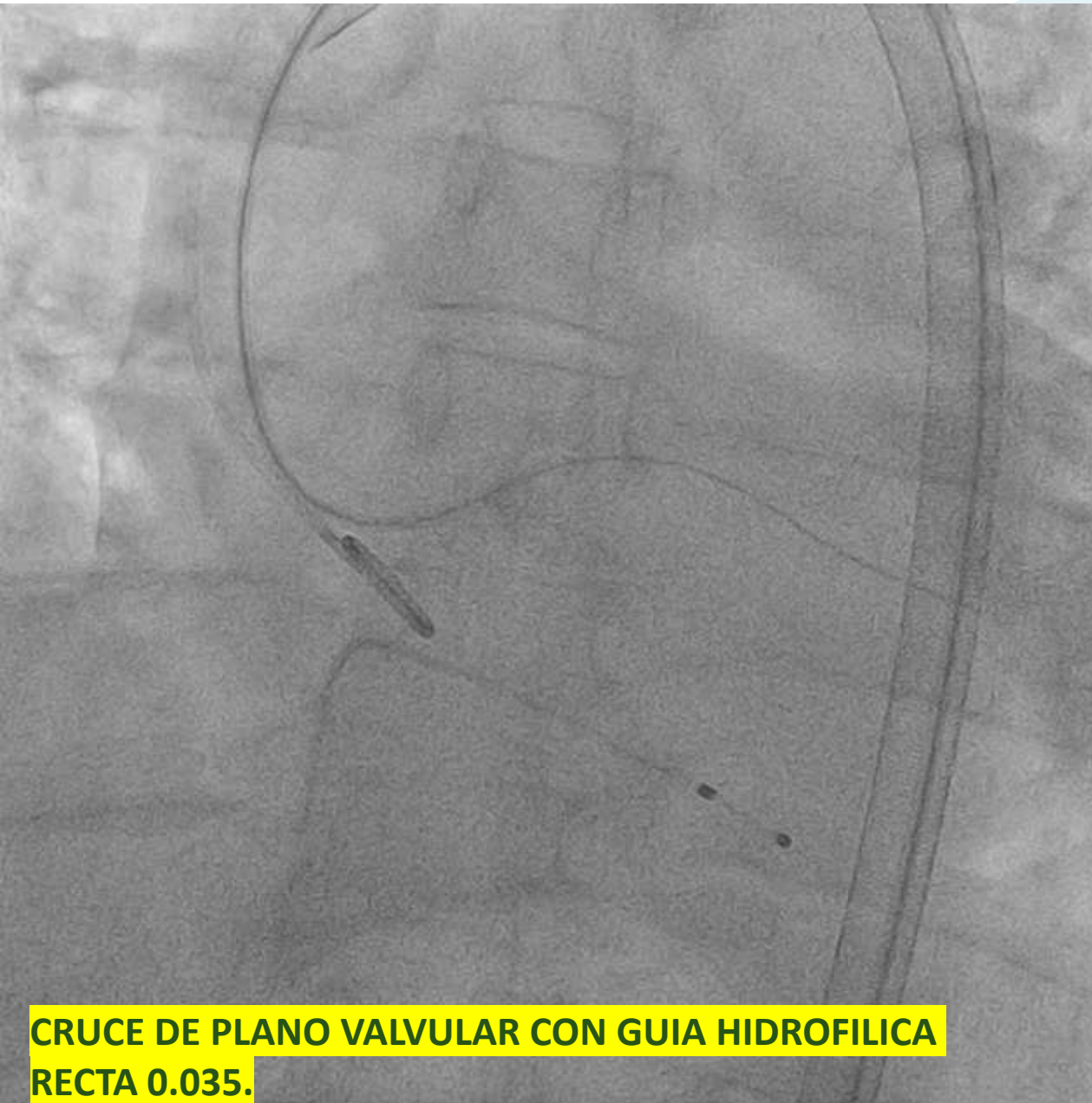
EQUIPO DE HOSPITAL DEL VALLE:

CARDIOLOGOS INTERVENCIONISTAS: DR. MANUEL ESPINOZA – DR. MAX AGUILAR.

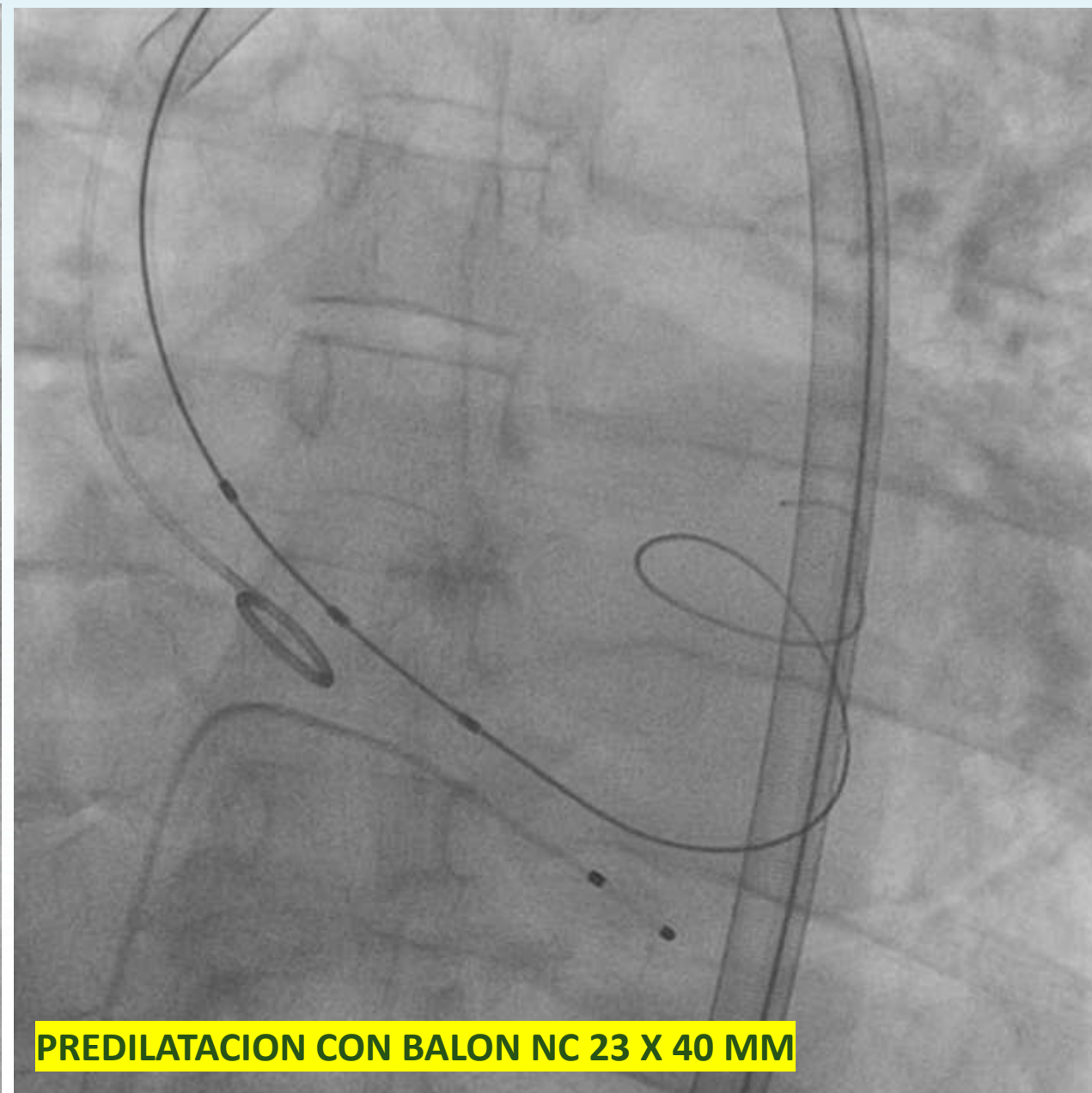
CIRUJANO CARDIOVASCULAR: DR. OCTAVIO FAJARDO.

ANESTESIOLOGIA: DR. PEDRO CASTRO.

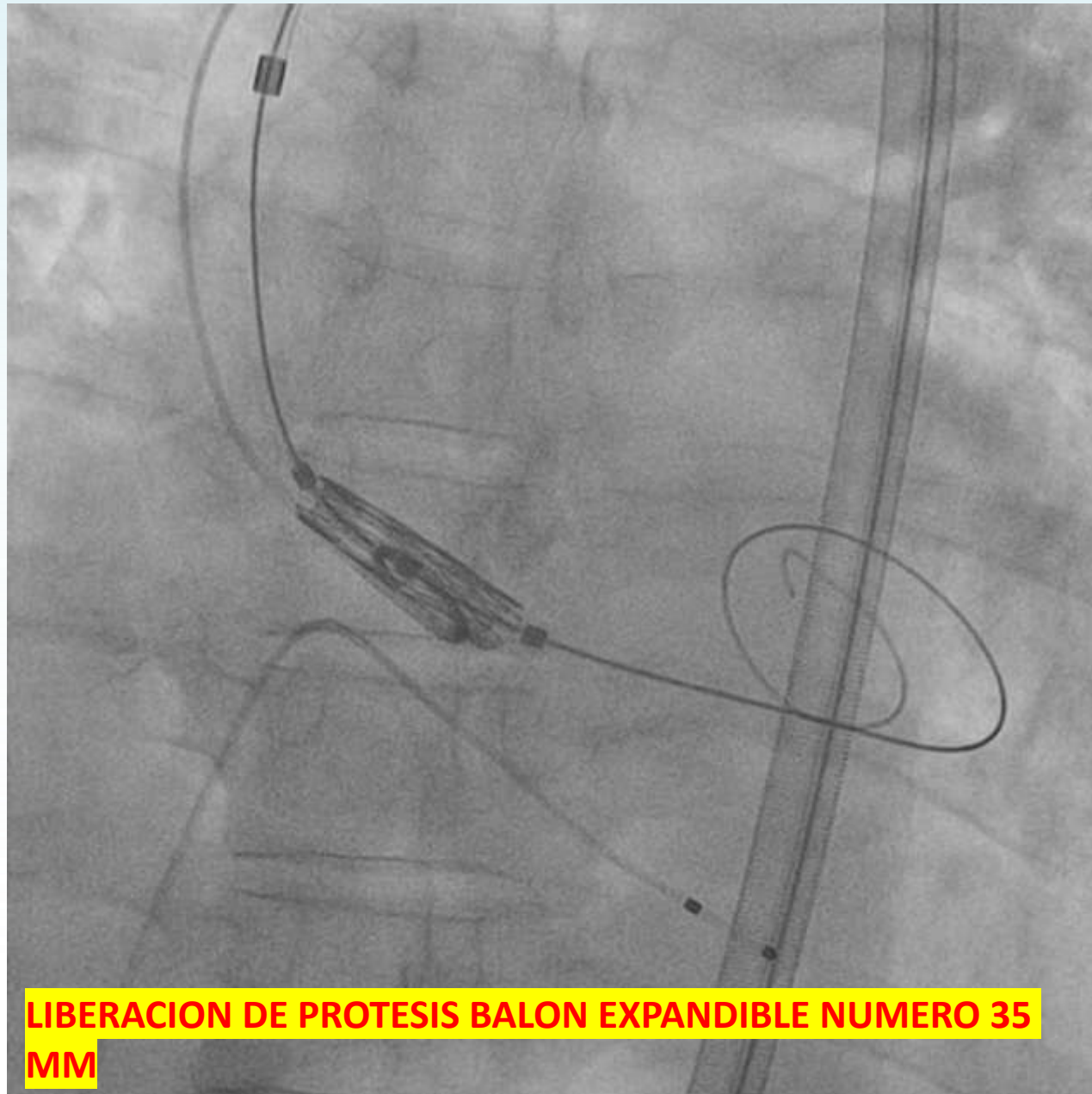
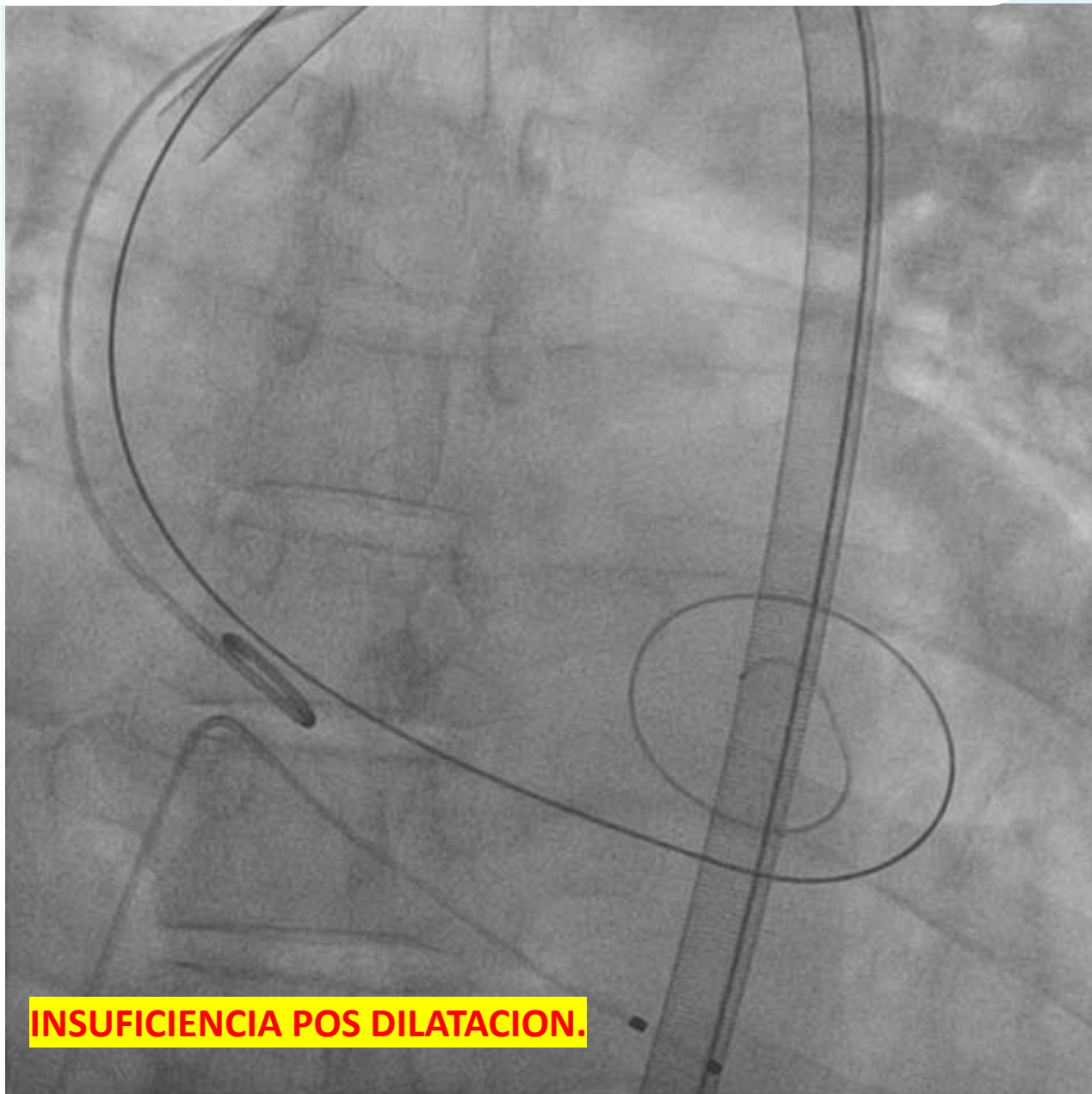




**CRUCE DE PLANO VALVULAR CON GUIA HIDROFILICA
RECTA 0.035.**

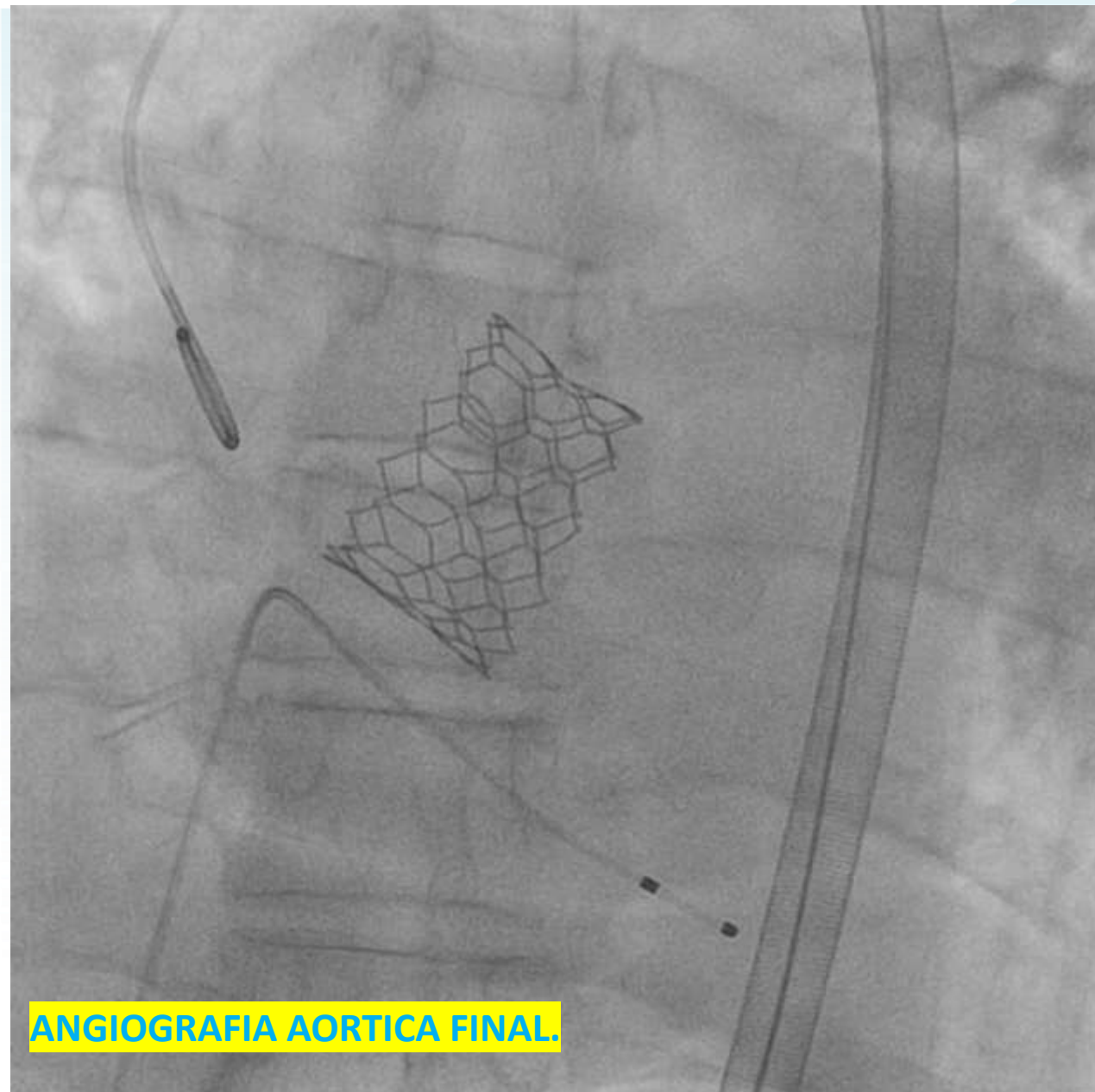


PREDILATACION CON BALON NC 23 X 40 MM

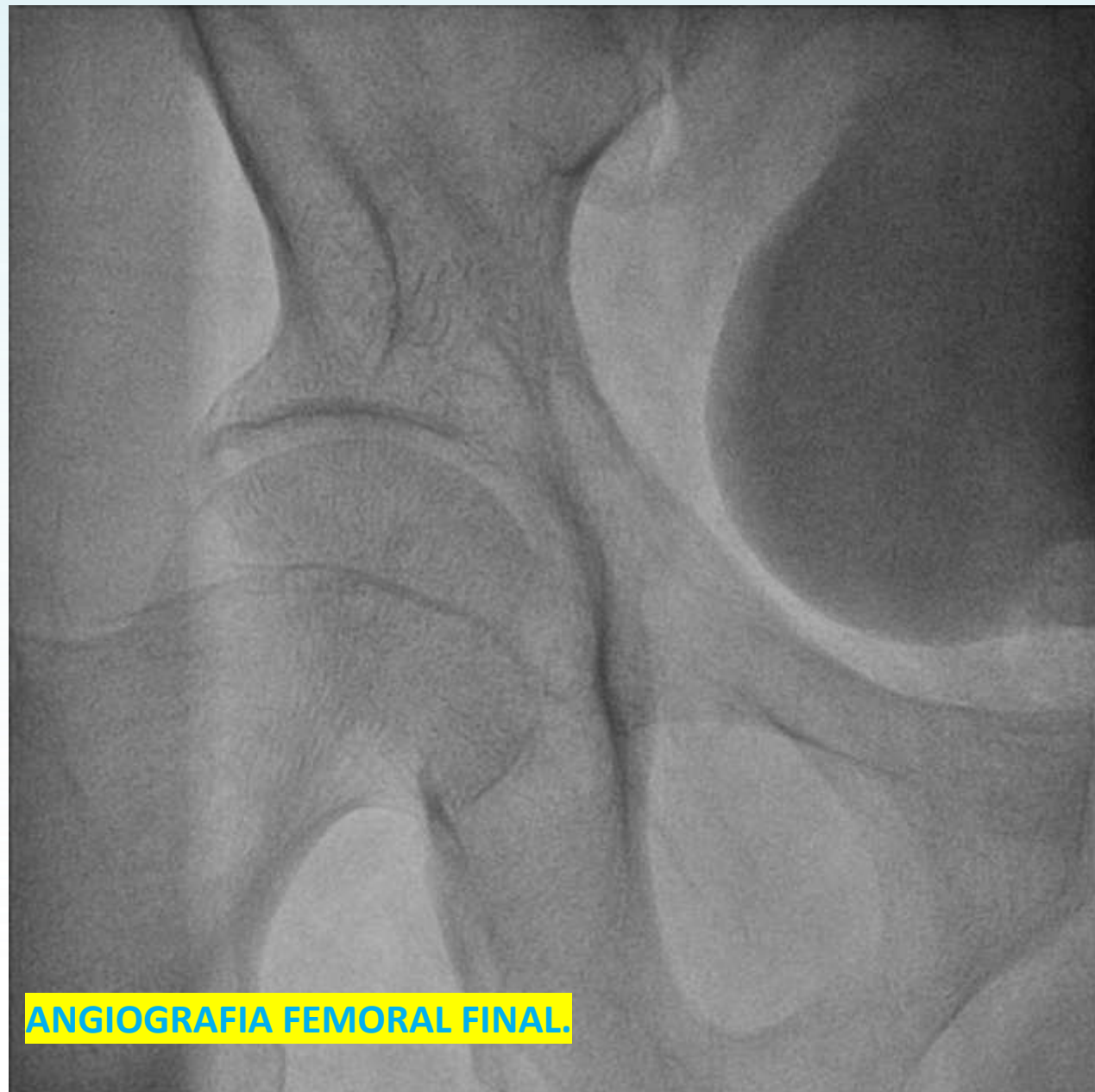




XIII CONGRESO INTERNACIONAL DE CARDIOLOGIA
CARDIOLOGIA INTERVENCIONISTA - LII JORNADA ACCI-SOLACI
DE LA PREVENCIÓN A LA INTERVENCIÓN



ANGIOGRAFIA AORTICA FINAL.



ANGIOGRAFIA FEMORAL FINAL.



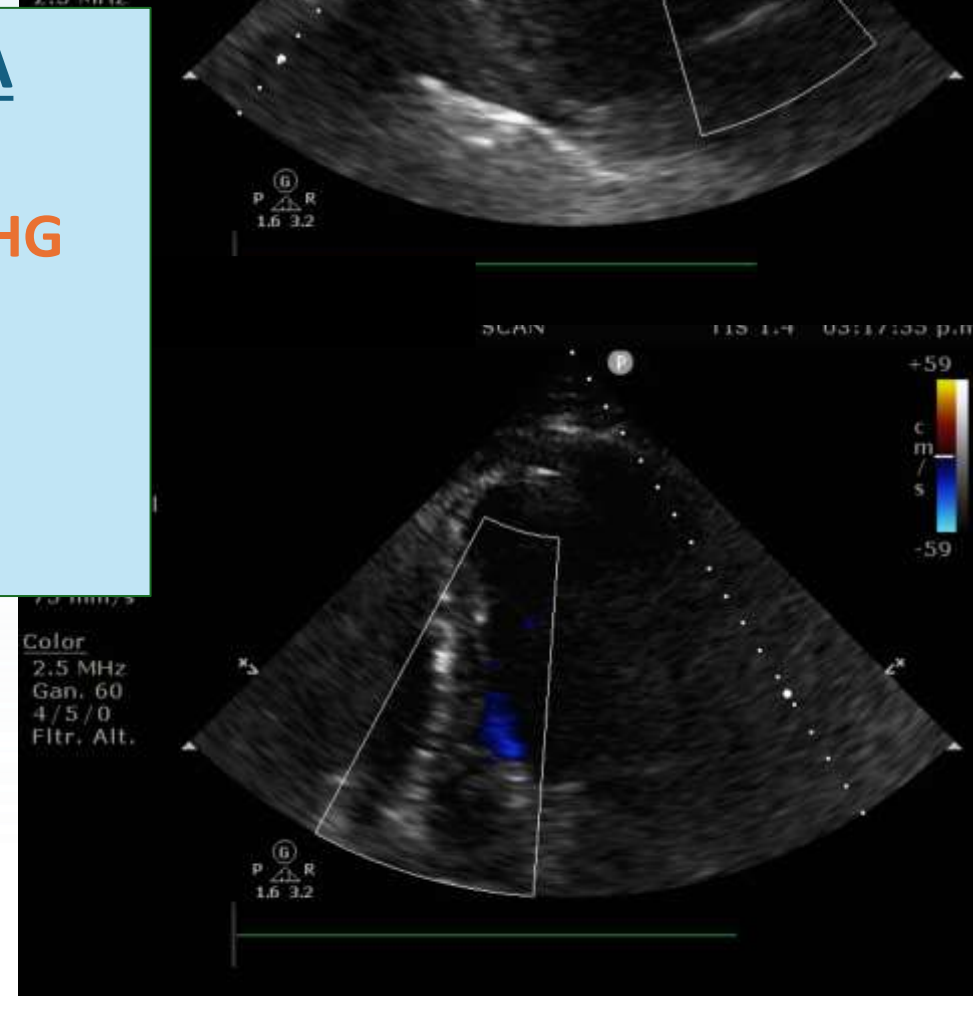
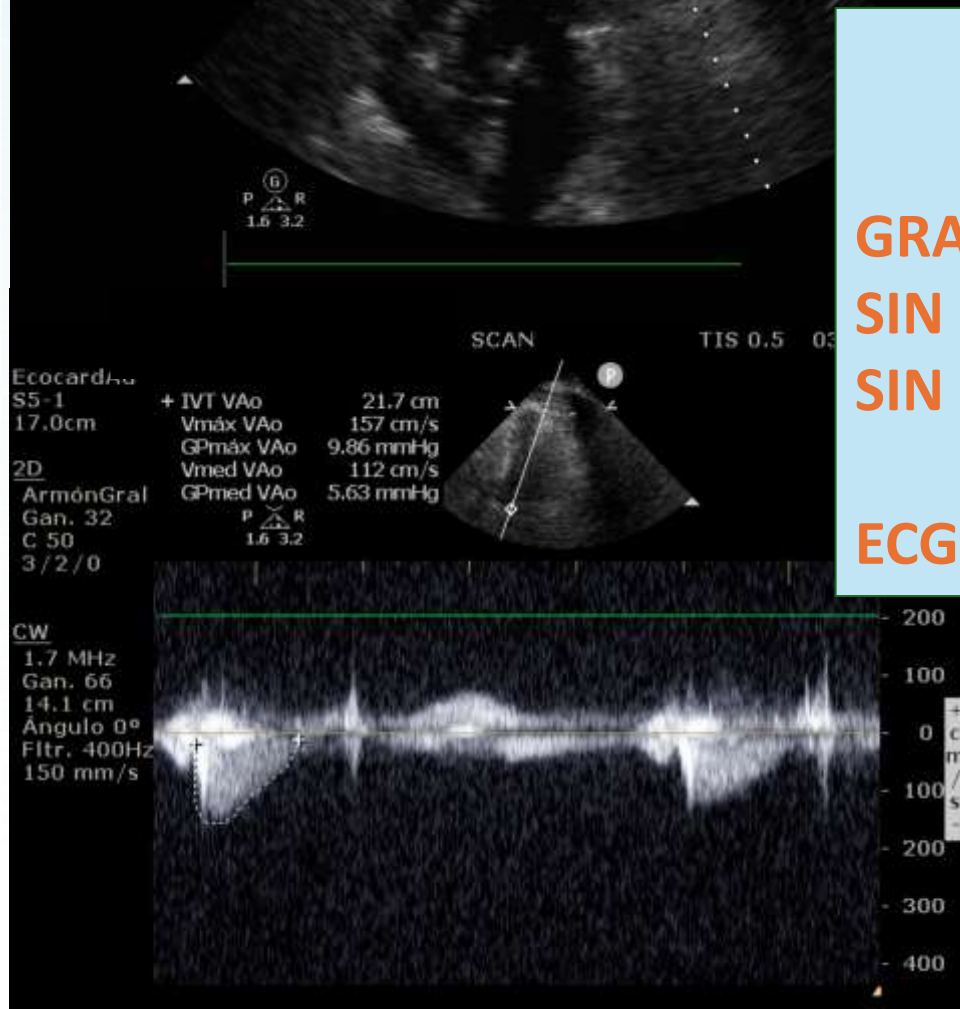
XIII CONGRESO INTERNACIONAL DE CARDIOLOGIA
CARDIOLOGIA INTERVENCIONISTA - LII JORNADA ACCI-SOLACI
DE LA PREVENCIÓN A LA INTERVENCIÓN



ECOCARDIOGRAMA POS TAVR

GRADIENTE MEDIO: 5 MMHG
SIN FUGAS
SIN INSUFICIENCIA

ECG FINAL: CON FA.



ALTA MEDICA EN 24 HORAS

ACTUALMENTE ESTABLE EN CLASE FUNCIONAL I NYHA.

ELECTROCARDIOGRAMA EN RITMO SINUSAL.



Gracias