



## **PRESENTACIÓN DE CASO IMPLANTE DE VALVULA AORTICA PERCUTANEA MYVALVE**

# HISTORIA CLÍNICA

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81 AÑOS. MASCULINO. 1.70M. 87KG. IMC 30.

**ANTECEDENTES:** HIPERTENSIÓN ARTERIAL  
DIABETES  
EXTABACO  
CIRUGÍA PRÓSTATA

**SINTOMAS:** DISNEA II DESDE HACE UN AÑO  
NIEGA ANGINA Y SINCOPE

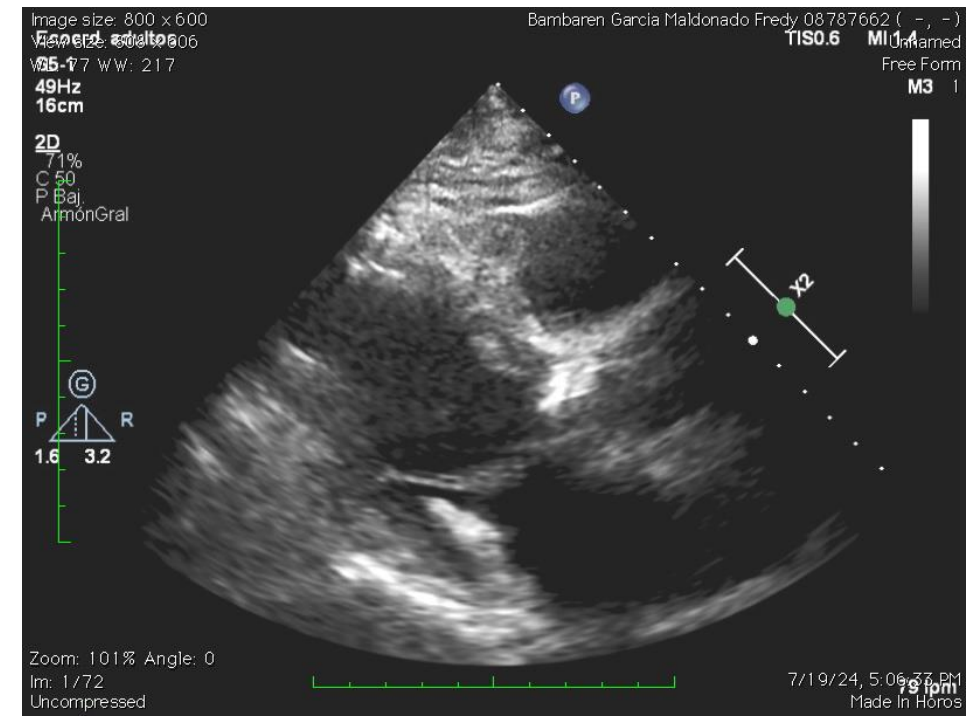
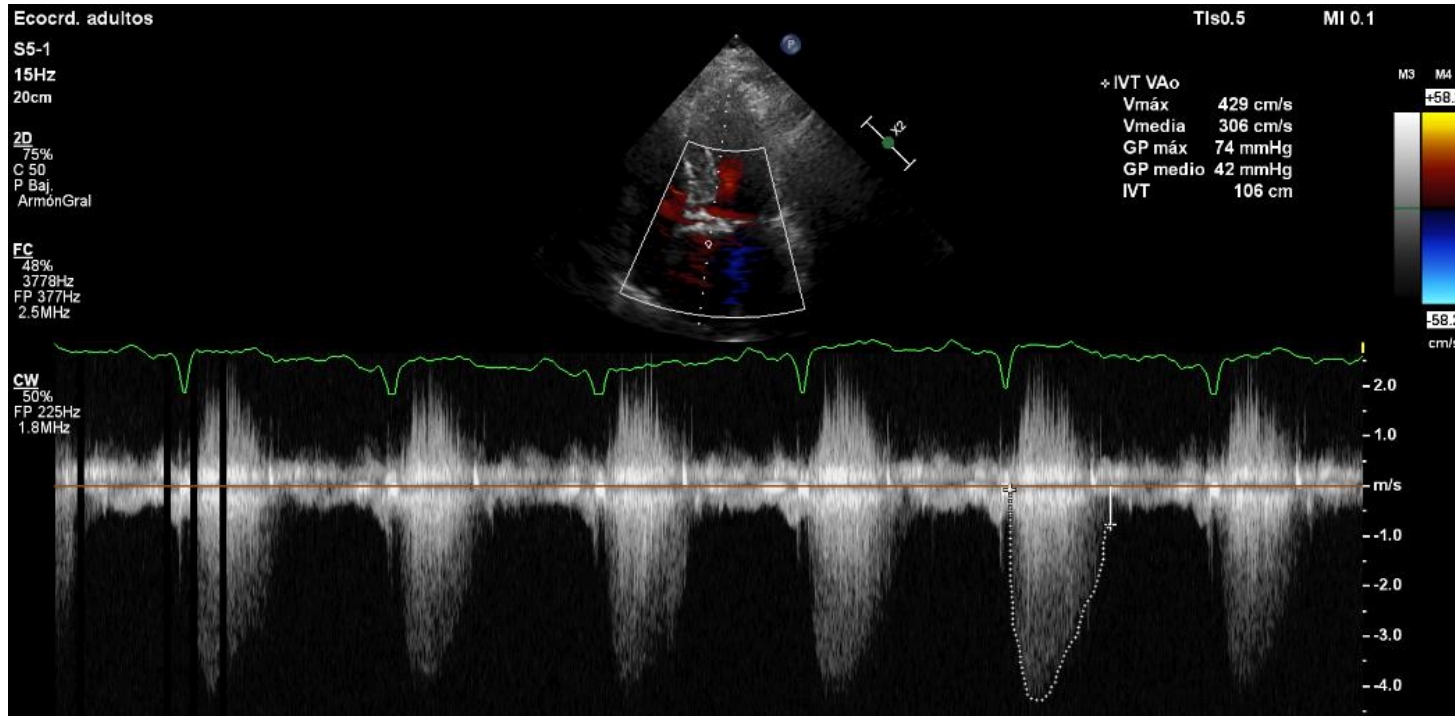
**TRATAMIENTO:** LOSARTAN 50MG CADA 12HRS. METFORMINA 850MG CADA 24HRS.

<b>LABORATORIO:</b>	HEMOGLOBINA 15.8g/dL	LEUCOCITOS 8870uL	PLAQUETAS 305,000 uL
	CREATININA 0.93mg/dL	GLUCOSA 112mg/dL	ALBUMINA 4,08g/dL
	INR 1	EXAMEN ORINA NORMAL	

# ELECTROCARDIOGRAMA PRE TAVI

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**FEVI 60%.**  
**SIV/PP 14/14**  
**VAO: V 4,2 GM 42**  
**ESTENOSIS AORTICA SEVERA**  
**HVI MODERADA**  
**IM MODERADA A SEVERA**

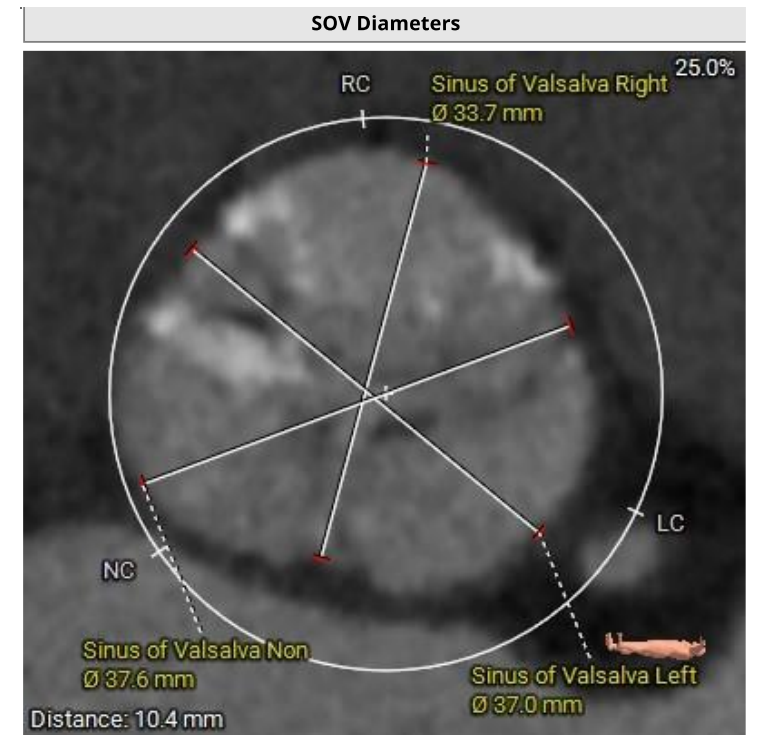
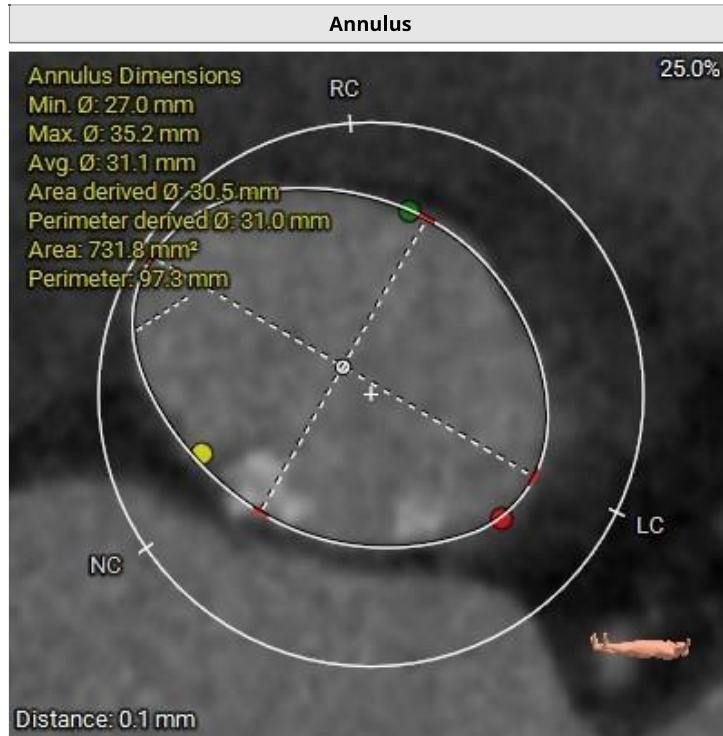
# CATETERISMO CARDIACO

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AD	VD	AP	CAP	VI	AO	GC	IC	RVS	RVP
11	30/11	30/18 (20)	15		103/68	5.6	2.6	12.7 W	1 W

# TOMOGRAFIA

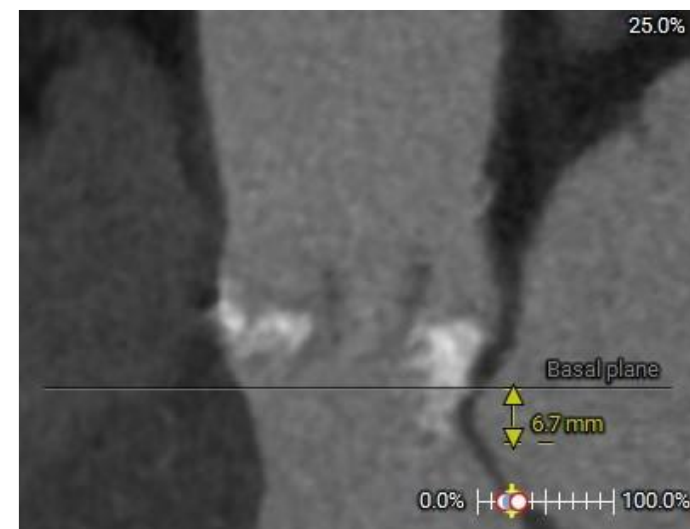
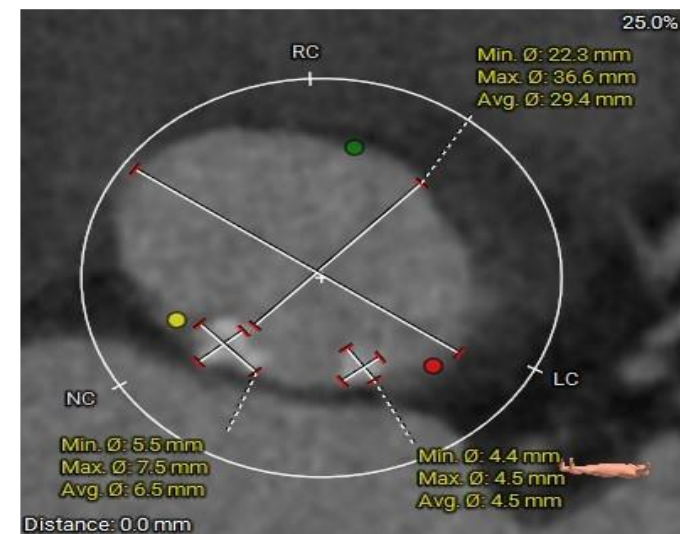
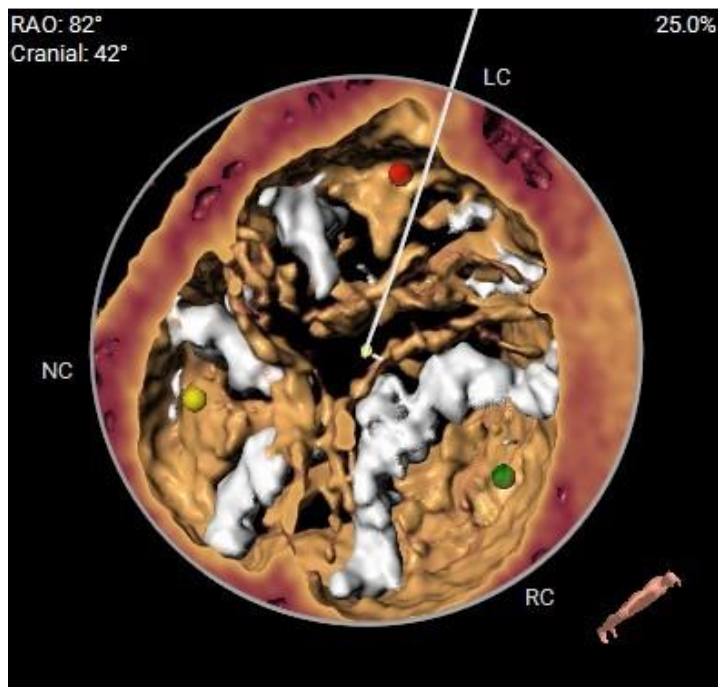
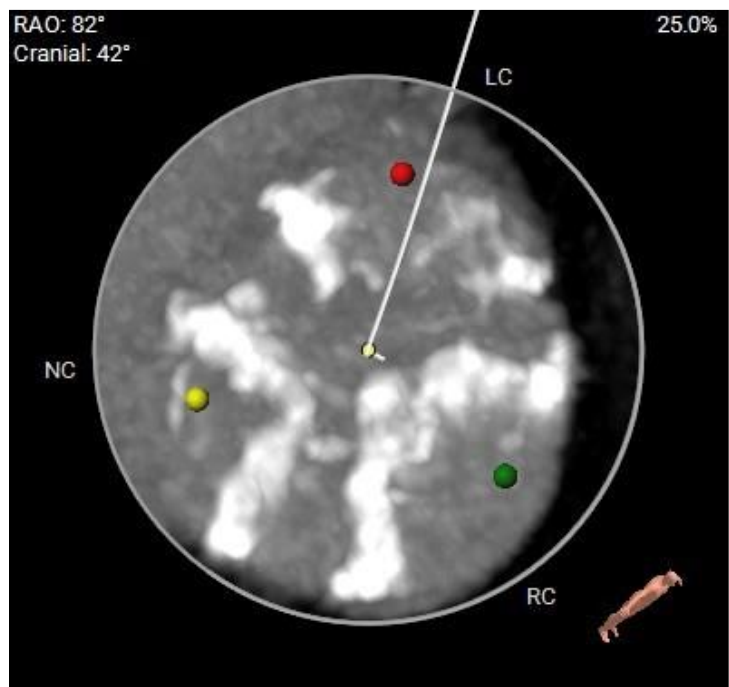


Aortic Annulus	
Perimeter:	97.3 mm
Perimeter Derived Ø:	31.0 mm
Area:	731.8 mm <sup>2</sup>
Area Derived Ø:	30.5 mm

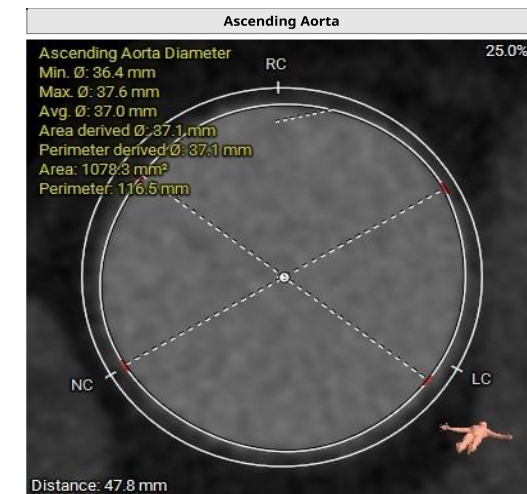
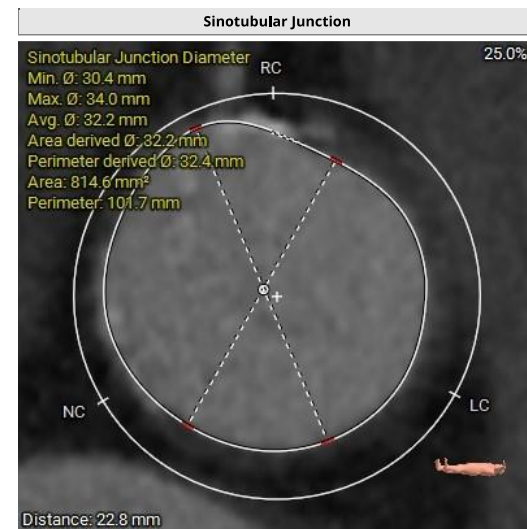
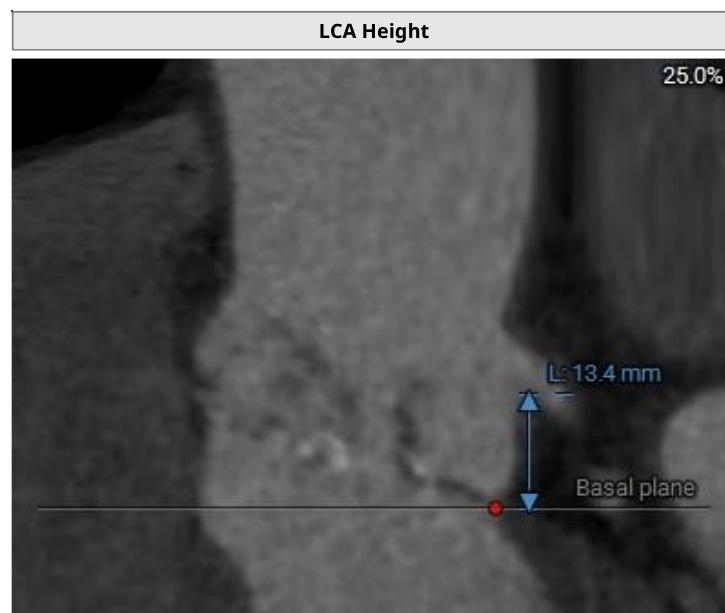
LVOT Ø:	30.9 mm
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Sinus Of Valsalva Diameters:	
Left:	37.0 mm
Right:	33.7 mm
Non:	37.6 mm

# TOMOGRAFIA

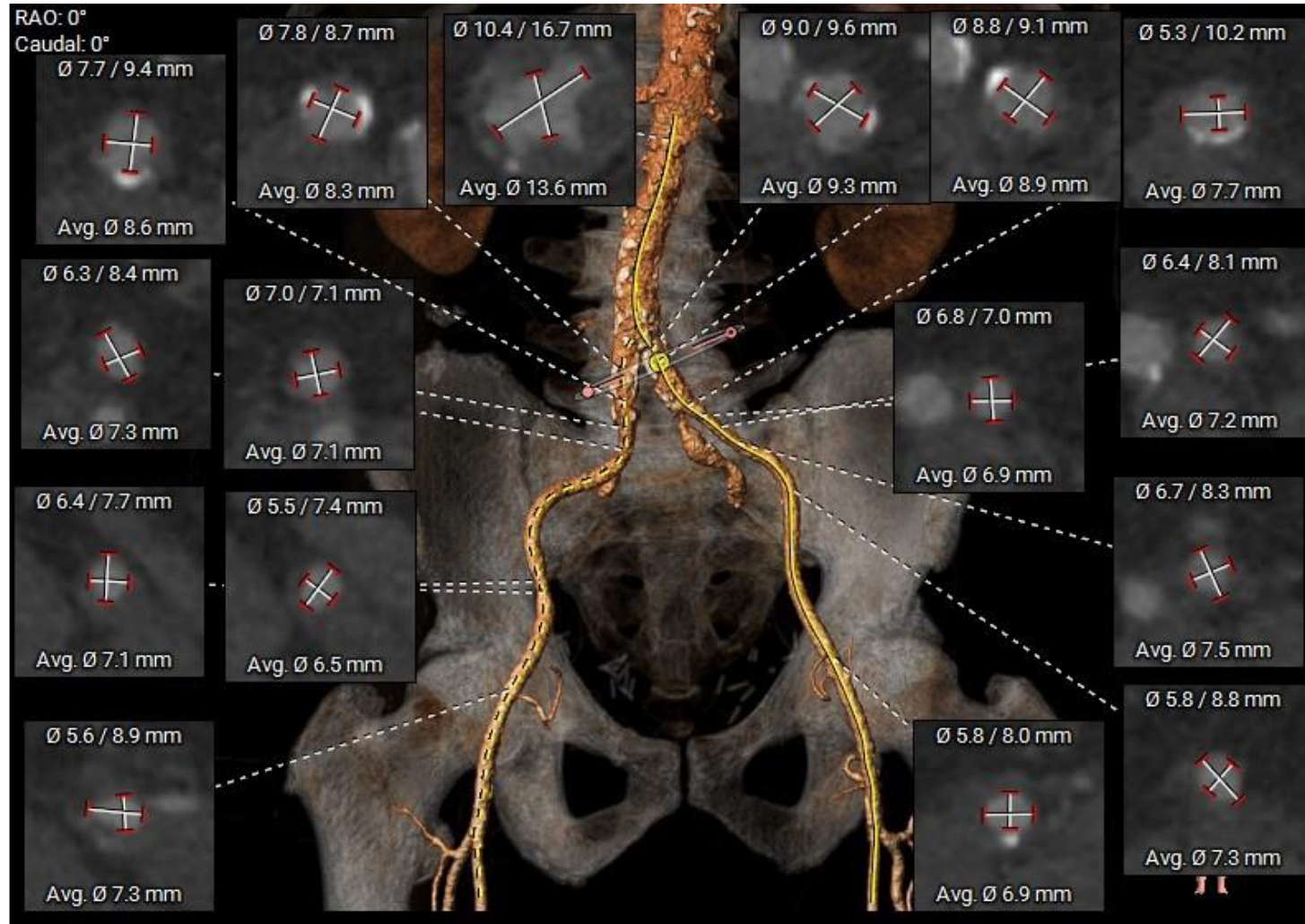


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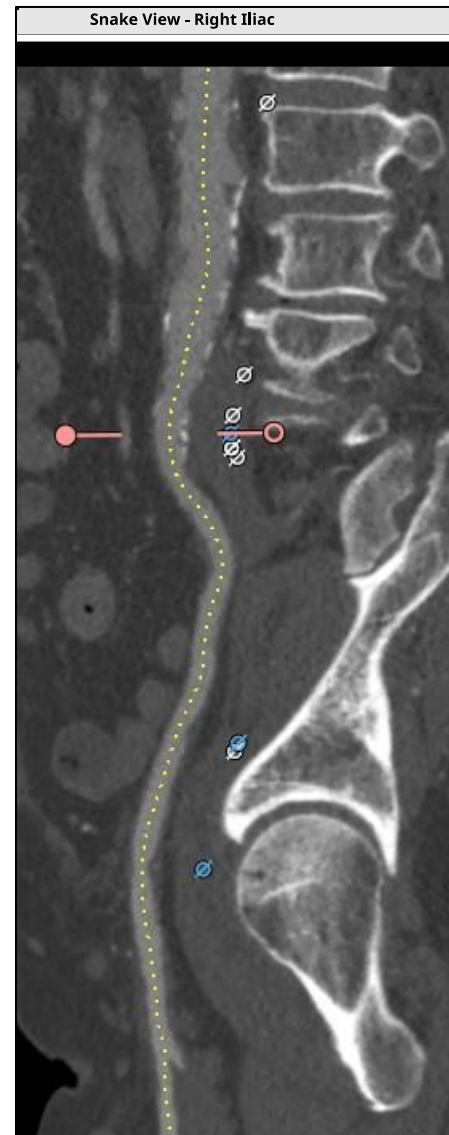













# TOMOGRAFIA



# TOMOGRAFIA



# TOMOGRAFIA

Myval THV Matriz de medidas e especificações Técnicas	Area 314 mm <sup>2</sup>	Area 363 mm <sup>2</sup>	Area 415 mm <sup>2</sup>	Area 471 mm <sup>2</sup>	Area 531 mm <sup>2</sup>	Area 594 mm <sup>2</sup>	Area 661 mm <sup>2</sup>	Area 731 mm <sup>2</sup>	Area 804 mm <sup>2</sup>
	17.35 mm  20 mm	18.35 mm  21.5 mm	17.85 mm  23 mm	18.75 mm  24.5 mm	18.85 mm  26 mm	19.25 mm  27.5 mm	20.35 mm  29 mm	20.9 mm  30.5 mm	21.14 mm  32 mm
Perímetro	62,83mm	67.54mm	72.26mm	76.97mm	81.68mm	86.39mm	91.11mm	95.82 mm	100.53 mm
Área nativa do anel aórtico	270-330 mm <sup>2</sup>	314-380mm <sup>2</sup>	360-440mm <sup>2</sup>	410-500mm <sup>2</sup>	460-560mm <sup>2</sup>	510-630mm <sup>2</sup>	570-700mm <sup>2</sup>	630-770mm <sup>2</sup>	700-840mm <sup>2</sup>
Diâmetro derivado da área	18.5-20.5 mm	20-22mm	21.4-23.7mm	22.8-25.2mm	24.2-26.7mm	25.5-28.3mm	26.9-29.9 mm	28.3-31.3mm	29.9-32.7mm
Anel nativo medidas por TEE	16-19 mm	17.5-20.5mm	18-22mm	19.5-23.5mm	21-25mm	22.5-26.5mm	24-28 mm	25.5-29.5mm	27-31mm

Aortic Annulus	
Perimeter:	97.3 mm
Perimeter Derived Ø:	31.0 mm
Area:	731.8 mm <sup>2</sup>
Area Derived Ø:	30.5 mm
LVOT Ø:	30.9 mm

Artéria Femoral Comum* Ø (mm)	Myval THV Ø (mm)
≥ 5.50 mm	20 mm, 21.5 mm, 23 mm, 24.5 mm
≥ 6.00 mm	26 mm, 27.5 mm, 29 mm
≥ 6.50 mm	30.5 mm, 32 mm

\* O Ø da AFC deve ser derivado da TCMS. Excluindo Ca<sup>2+</sup> + circunferencial

# JUNTA MEDICA

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ESTENOSIS AORTICA SEVERA SINTOMATICA

INSUFICIENCIA MITRAL MODERADA A SEVERA

81 AÑOS, HTA, DM

IMPLANTE DE VÁLVULA AÓRTICA PERCUTÁNEA

# PLAN PARA EL IMPLANTE

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ANESTESIA GENERAL

ACCESO FEMORAL DERECHO + COLOCACIÓN DE SUTURA PERUCUTANEA

MARCAPASO TRANSITORIO POR LA GUIA

PIGTAIL POR ACCESO RADIAL DERECHO

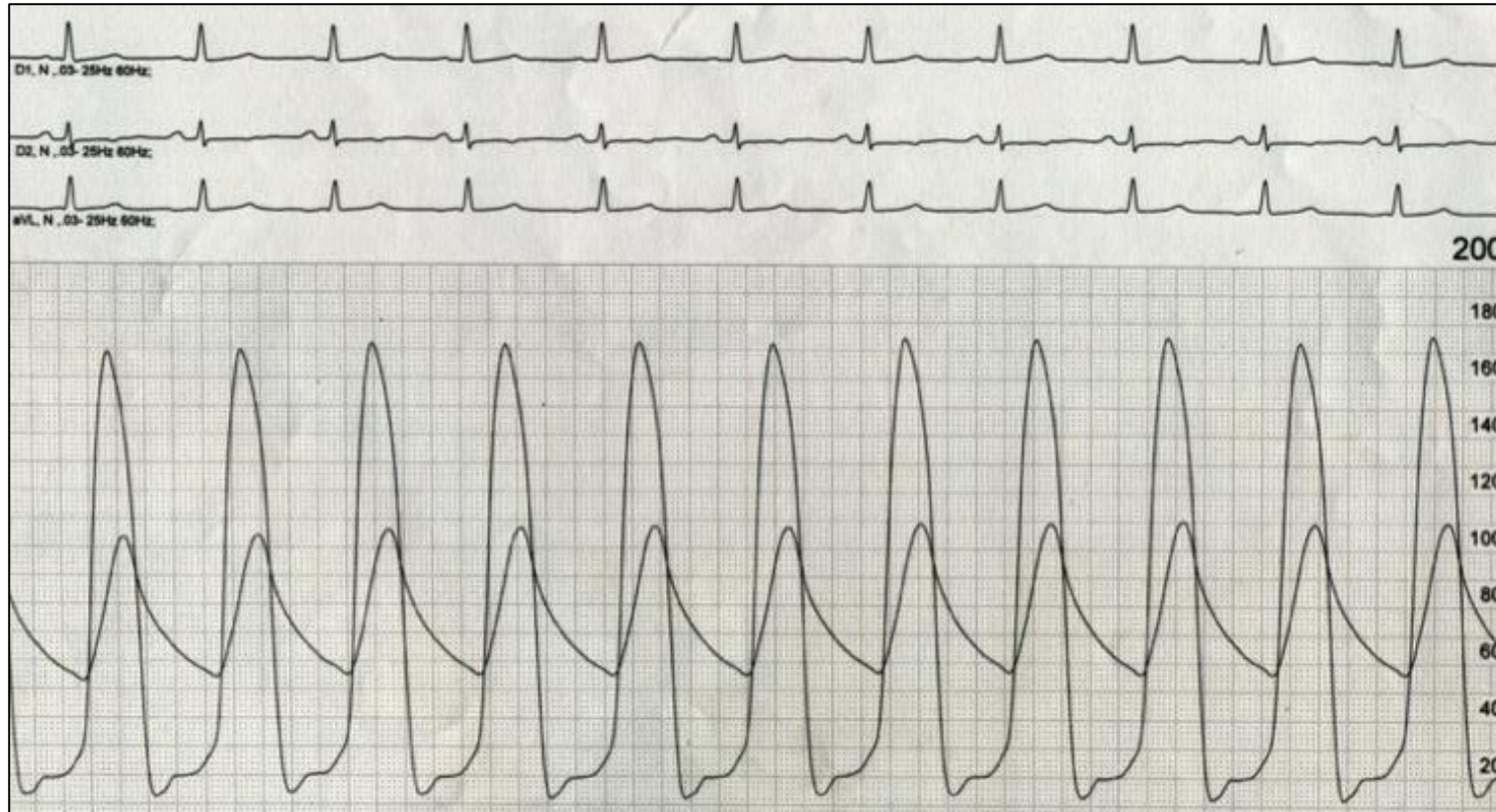
IMPLANTE DIRECTO DE MYVALVE 30.5

# IMPLANTE TAVI

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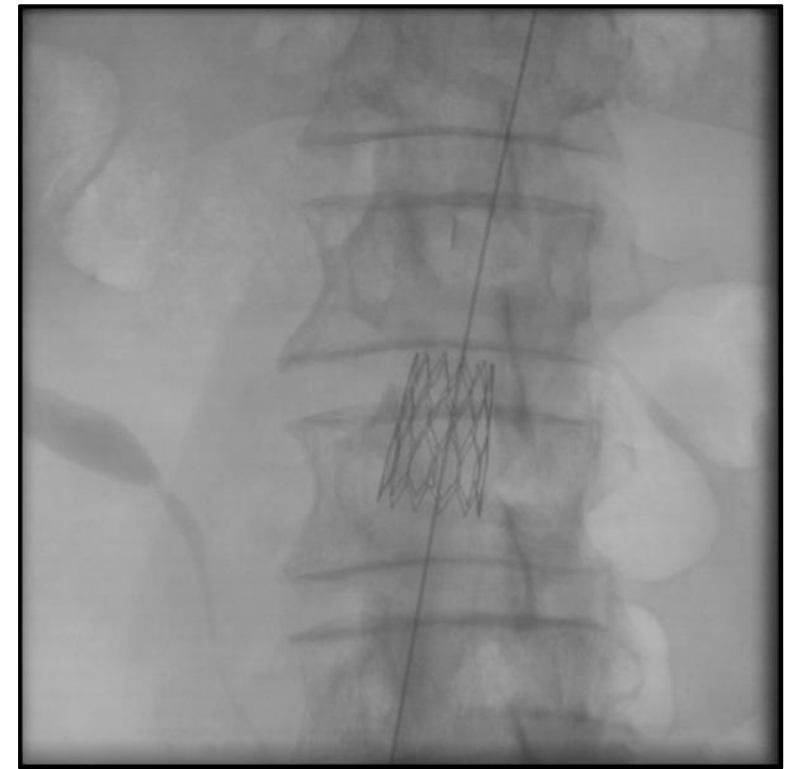
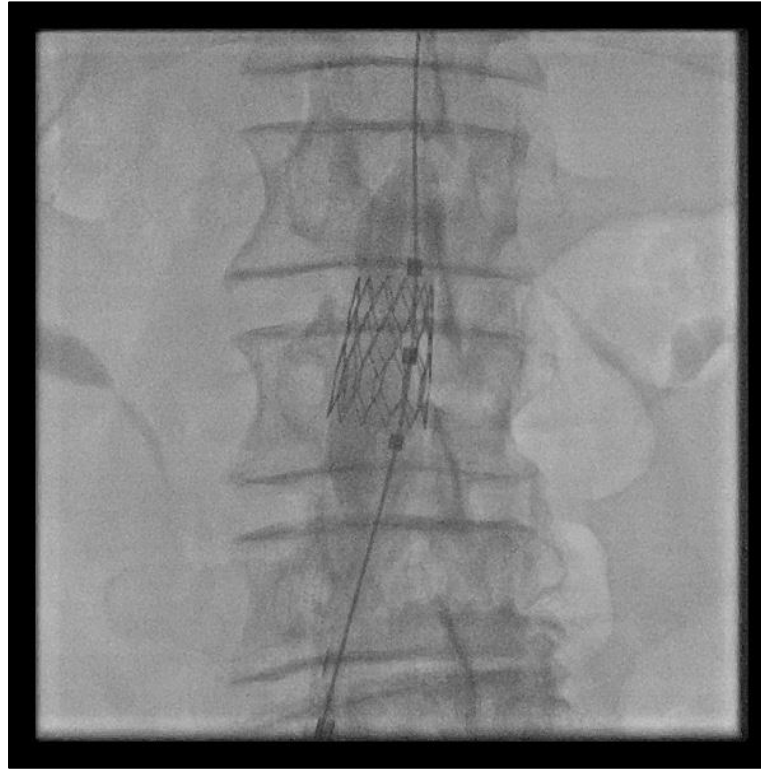
# IMPLANTE TAVI



**VI 174/25**  
**AO 109/56**  
**GRADIENTE 65MMHG**

# IMPLANTE TAVI

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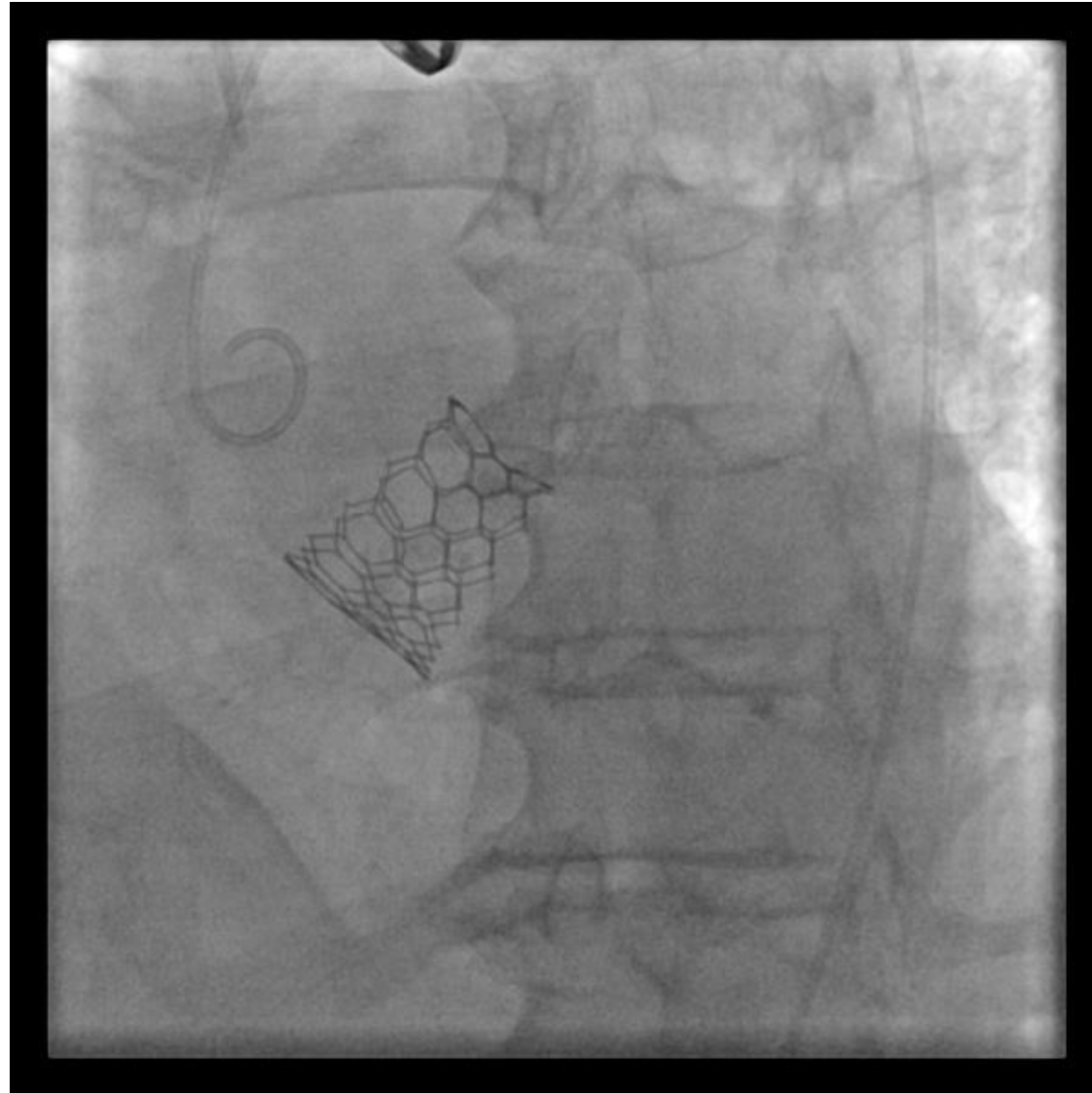
# IMPLANTE TAVI

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# IMPLANTE TAVI

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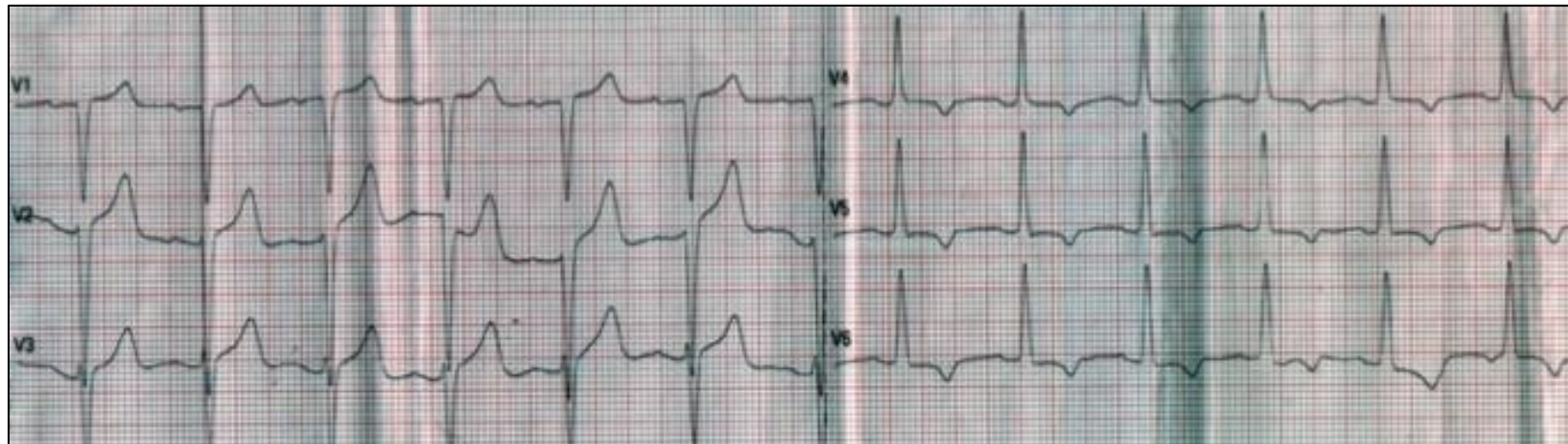
# IMPLANTE TAVI



**VI 110/27**  
**AO 110/45**  
**GRADIENTE 0 MMHG**

# ELECTROCARDIOGRAMA POST TAVI INMEDIATO

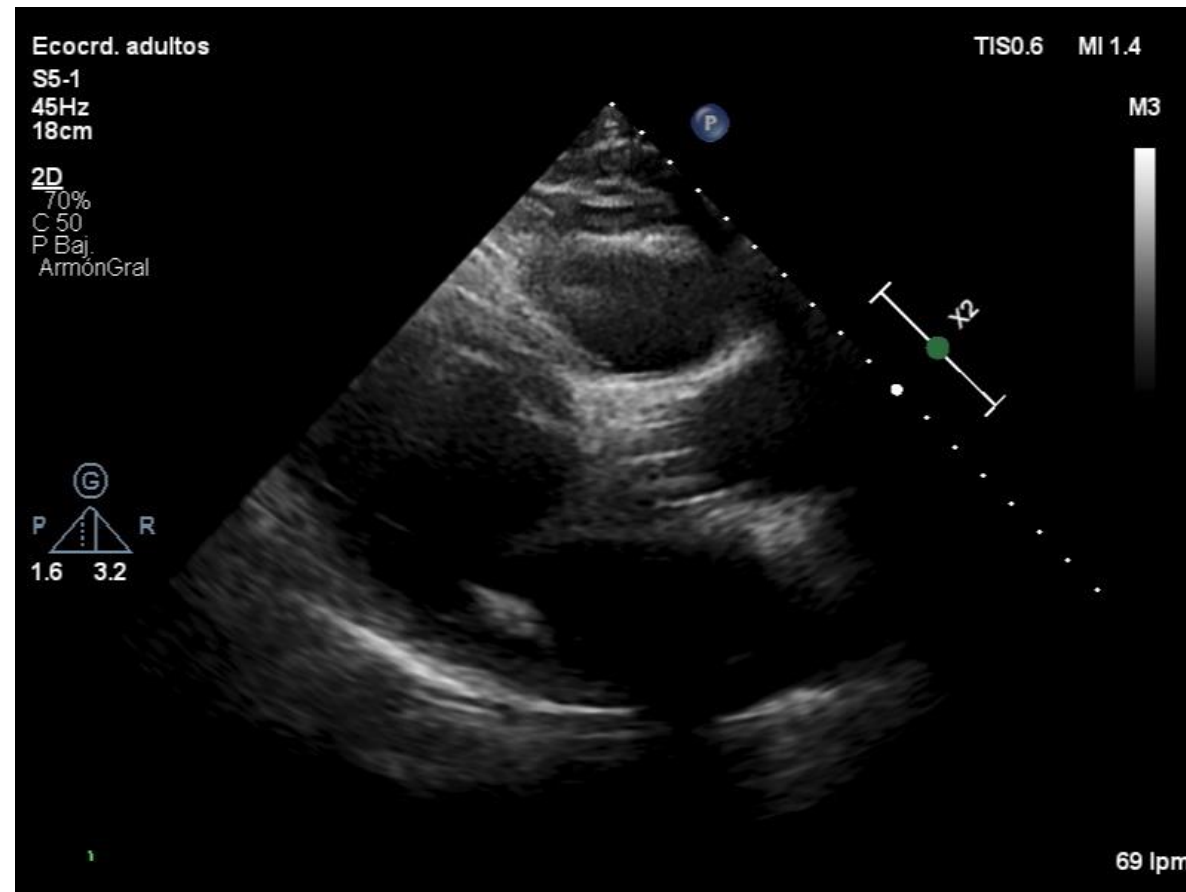
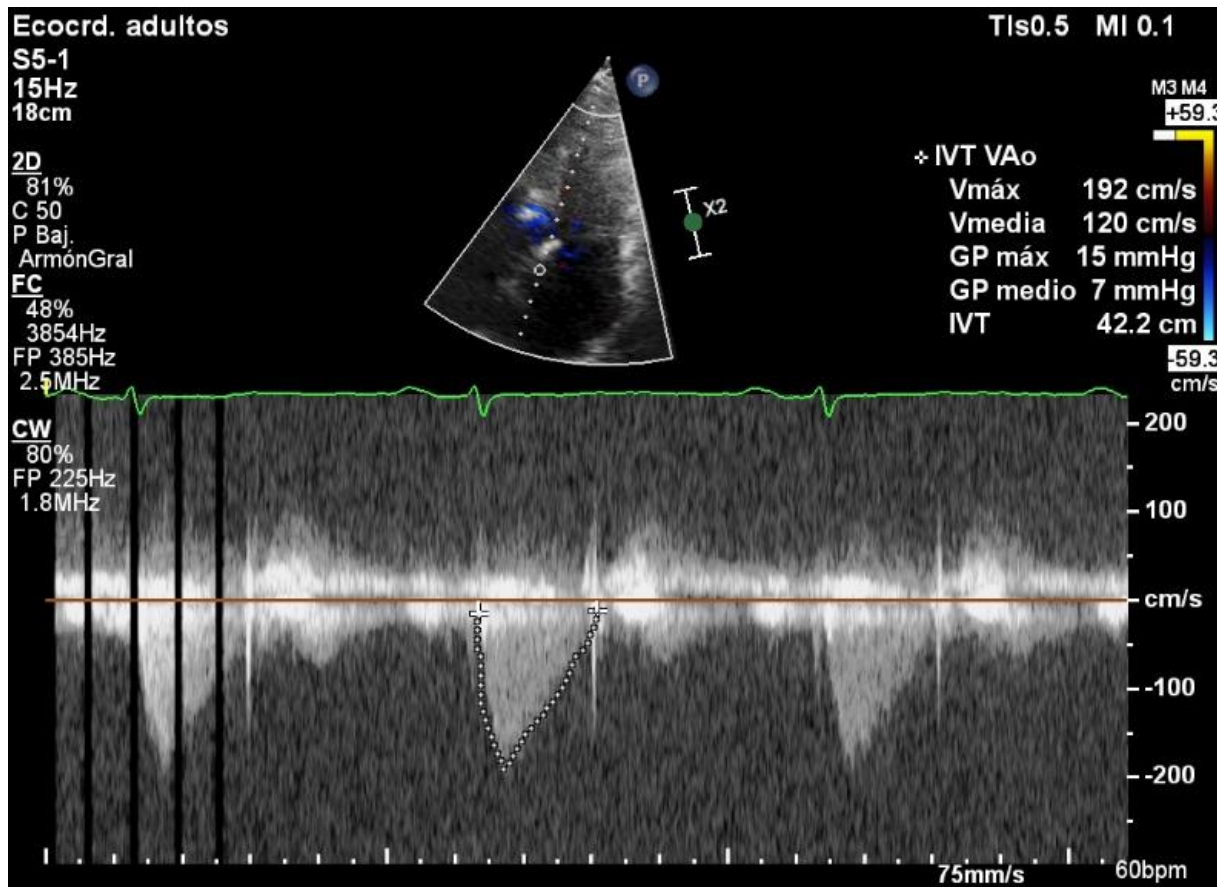
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# ELECTROCARDIOGRAMA POST TAVI 2 HRS

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**FEVI 58%.**  
**AO: V 1,9 GM 7**  
**PRÓTESIS AÓRTICA BIOLÓGICA NORMOFUNCIONANTE**  
**INSUFICIENCIA PERIPROTÉSICA POSTERIOR LEVE**  
**INSUFICIENCIA MITRAL MODERADA**

# SEGUIMIENTO

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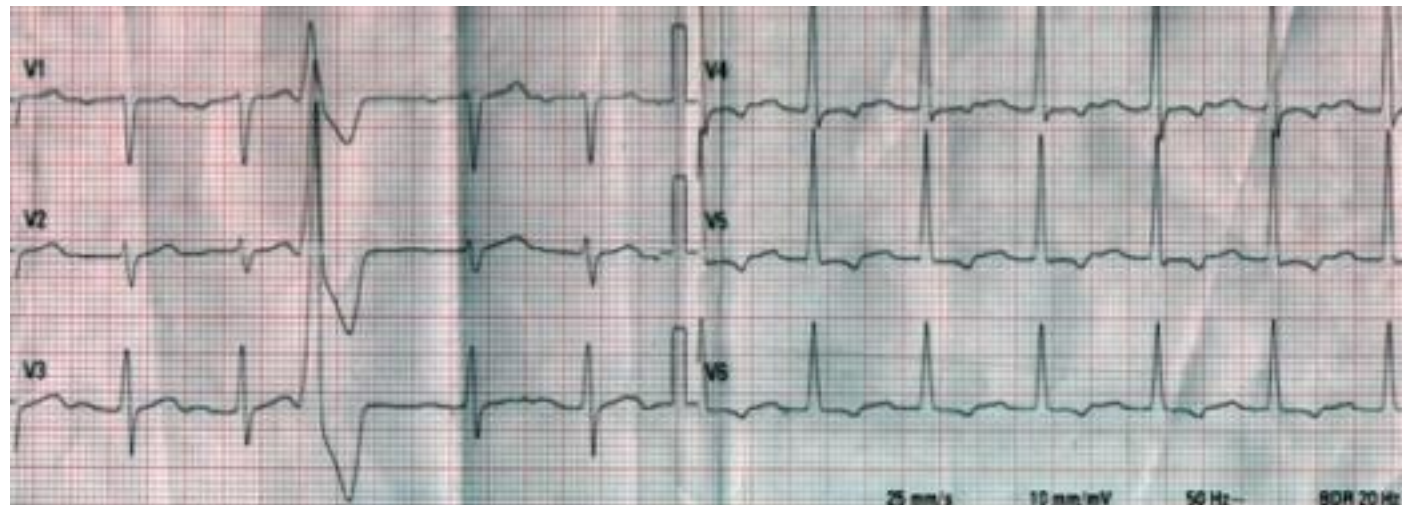
3ER DIA: **DISNEA, TOS.**

**ELEVACION MARCADORES INFLAMATORIOS: LEUCOCITOS 14690. NEUTROFILOS 11180. PCR 209**

**INFILTRADO PARENQUIMAL HTD: NEUMONIA**

# ELECTROCARDIOGRAMA POST TAVI 72 HRS

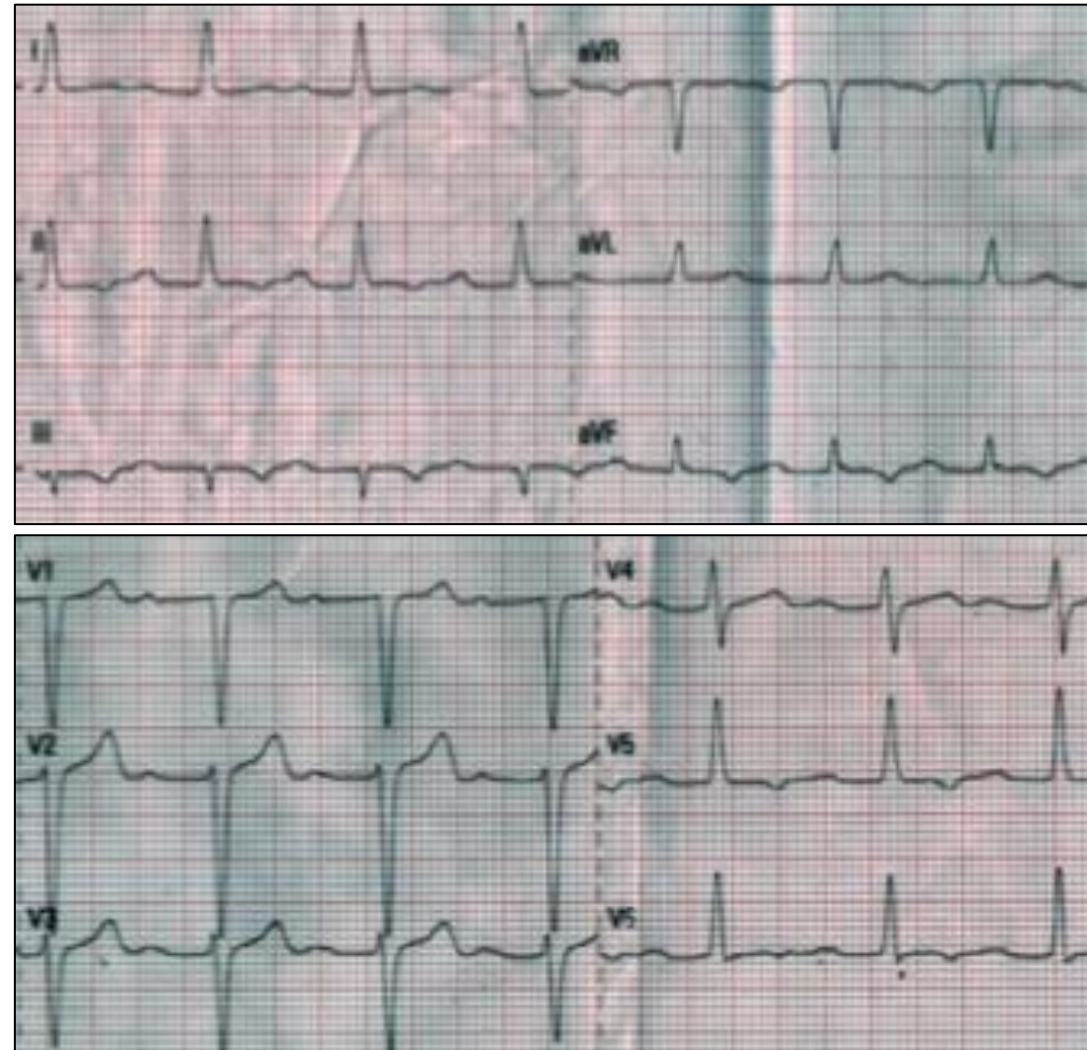
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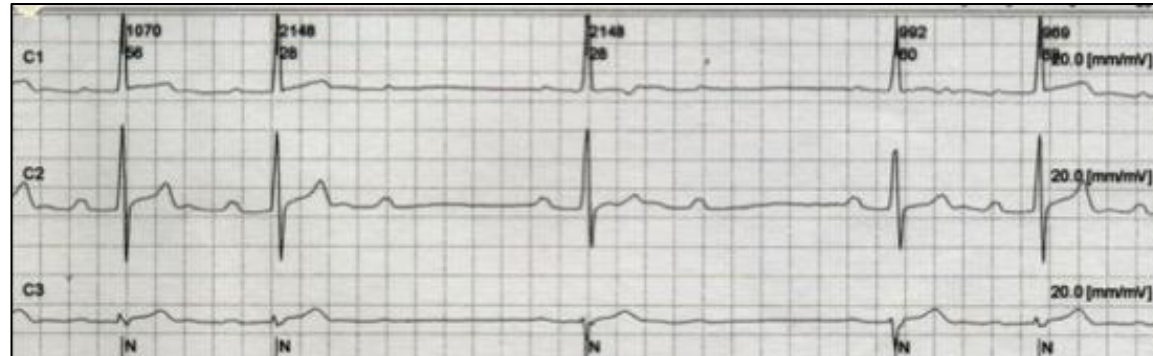
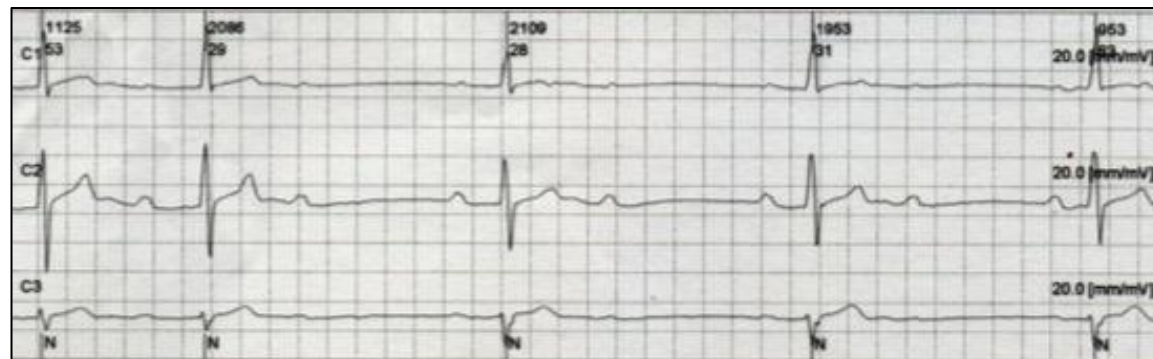
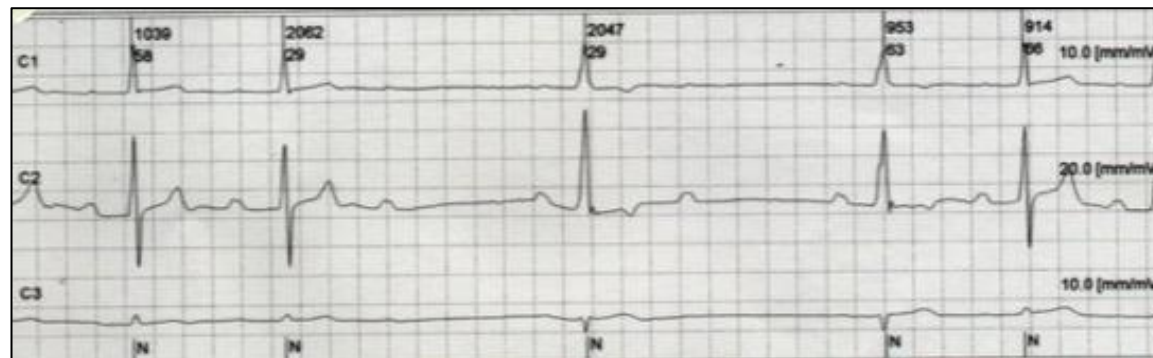


# ELECTROCARDIOGRAMA POST TAVI 6 DIAS

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# HOLTER POST TAVI 7 DIAS



# HOLTER POST TAVI 7 DIAS

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# CONCLUSIONES

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- **PACIENTE DE 81 AÑOS, HT, DM**
- **ESTENEOSIS AORTICA SEVERA SINTOMATICA**
- **IMPLANTE DE VÁLVULA AÓRTICA PERCUTANEA MYVALVE 30.5**
- **IMPLANTE DE VÁLVULA AÓRTICA PERCUTANEA MYVALVE 30.5 EN AORTA ABDOMINAL**
- **IMPLANTE DE MARCAPASO DEFINITIVO X BAV II TIPO 2:1**

LANDMARK comparison of early outcomes of newer-generation Myval transcatheter heart valve series with contemporary valves (Sapien and Evolut) in real-world individuals with severe symptomatic native aortic stenosis: a randomised non-inferiority trial

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- **NO INFERIORIDAD MYVALVE RESPECTO PROTESIS CONTEMPORANEAS (PC: SAPIEN Y EVOLUT)**
  - **MYVALVE 384 Y 384 PC. MUJERES 48%. EDAD MEDIA 80 AÑOS. STS 2,6%. 7% BICUSPIDES. 32% ANILLOS PEQUEÑOS.**
  - **OP 30 DIAS:** MORTALIDAD TODAS CAUSAS + ICTUS + SANGRADO MAYOR, FRECASO RENAL AGUDO, COMPLICACIÓN VASCULAR MAYOR, IAO MODERADA-GRAVE, MCPD.
  - **OP: MYVALVE 25% PC 27%.**
  - **MCP MYVALVE 15% VS. 17% PC**
  - **ICTUS 3% MYVALVE VS. 3% PC**
  - **IAO MODERADA GRAVE MYVALVE 3% VS. 5% PC**
  - **48% TALLAS INTERMEDIAS**
- |   |
|---|
| <b>MORTALIDAD TODAS CAUSAS MYVALVE 2% VS. PC 2%</b>     |
| <b>COMPLICACION VASCULAR MAYOR MYVALVE 2% VS. PC 2%</b> |

