

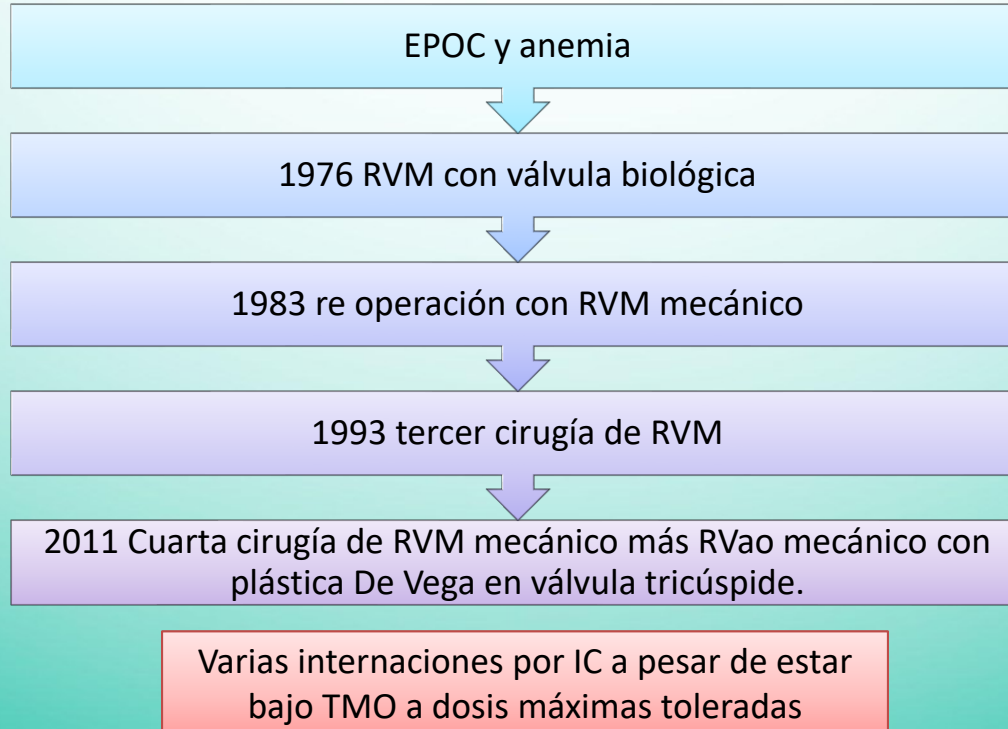


# TRATAMIENTO PERCUTÁNEO DE LEAK SEVERO DE PRÓTESIS VALVULAR MECÁNICA MITRAL.

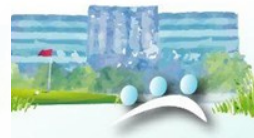
DR. JOAQUÍN CEDEÑO  
FELLOW HEMODINAMIA FUNDACIÓN FAVALORO



Pte. masculino de 78 años de edad



# ECO-DOPPLER TRANSESOFÁGICO 08/10/2022



Severa dilatación de la AI

FEVI 50% . HK Global

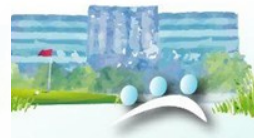
IM severa por la presencia de dos jets de regurgitación periprotésicos (leaks)

IT moderada a severa. Presenta flujo **sistólico reverso** en las venas suprahepáticas.

uno de origen posteromedial (en hora 4) de menor tamaño .

**otro lateral (en hora 8) de mayor tamaño.**





**Procedure Type: Isolated MVR**

Perioperative Outcome	Estimate %
Operative Mortality	8.83%
Morbidity & Mortality	39.9%
Stroke	1.48%
Renal Failure	11%
Reoperation	6.52%
Prolonged Ventilation	31.4%
Deep Sternal Wound Infection	0.154%
Long Hospital Stay (>14 days)	22%
Short Hospital Stay (<6 days)*	7.55%

\*higher values reflect a better outcome

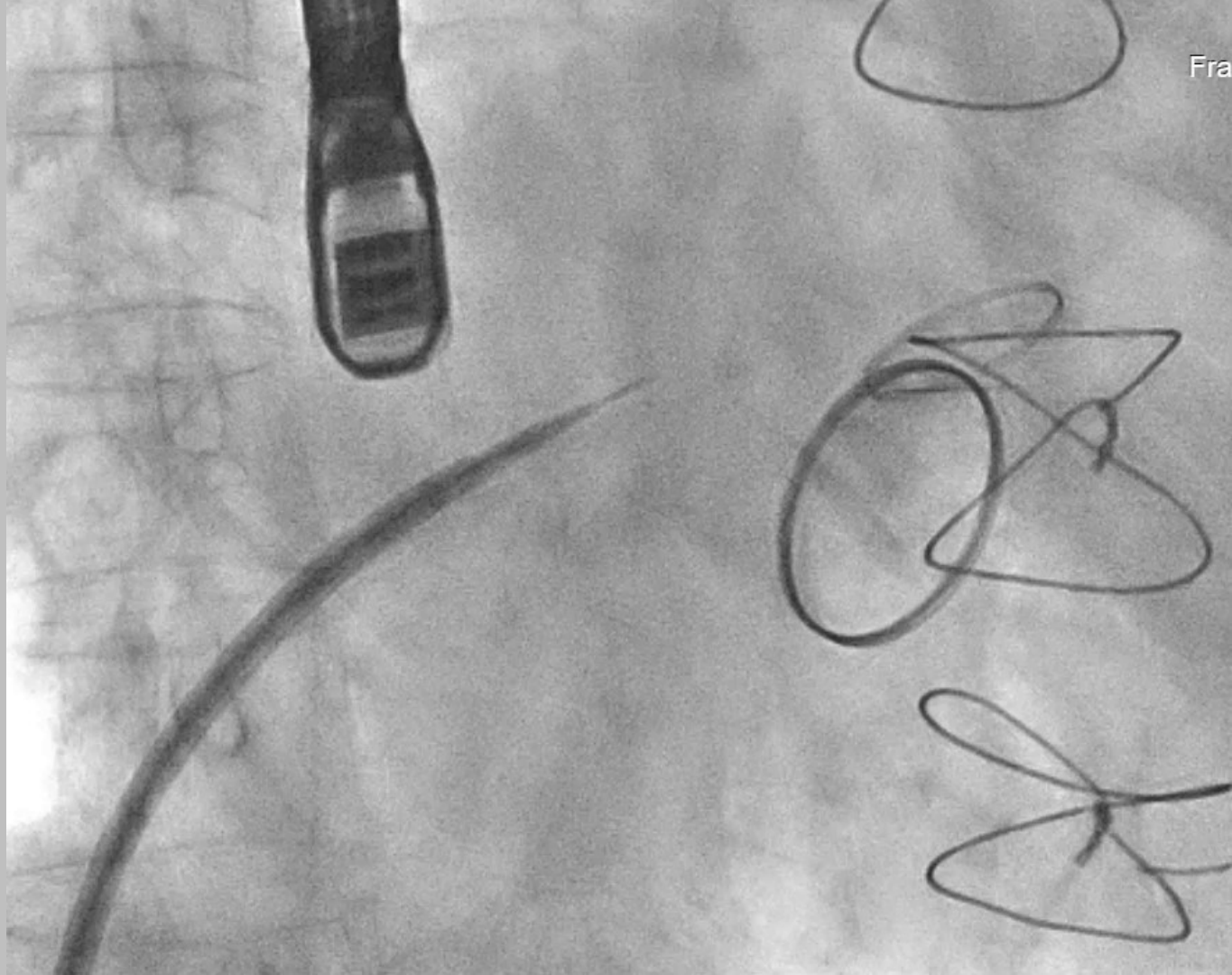
**Clinical Summary**

<b>Planned Surgery:</b>	Isolated MVR, Elective, ReOp≥4 cardiovascular surgery
<b>Demographics:</b>	78 year old, Hispanic, male, 76kg, 168cm, BMI: 26.9 kg/m <sup>2</sup>
<b>Insurance/Payor:</b>	Non-U.S. Plan
<b>Lab Values:</b>	Creatinine: 0.9 mg/dL, Hematocrit: 34%, WBC Count: 4.2 10 <sup>3</sup> /μL, Platelet Count: 129000 cells/μL
<b>PreOp Medications:</b>	ACE Inhibitors/ARBs ≤ 48 hrs
<b>Substance Abuse:</b>	Smoking status unknown, Alcohol use: Unknown
<b>Risk Factors / Comorbidities:</b>	Hypertension
<b>Pulmonary RF:</b>	Moderate CLD, Recent Pneumonia
<b>Cardiac Status:</b>	Chronic heart failure, NYHA Class II, Ejection Fraction = 51%
<b>Coronary Artery Disease:</b>	No coronary symptoms
<b>Valve Disease:</b>	Mild AR, Severe MR, Severe TR
<b>Arrhythmia:</b>	Remote A-fib
<b>Prev. Cardiac Interv:</b>	Previous valve: Aortic valve replacement, surgical/ Mitral valve replacement, surgical/ Tricuspid valve repair, surgical

Heart Team

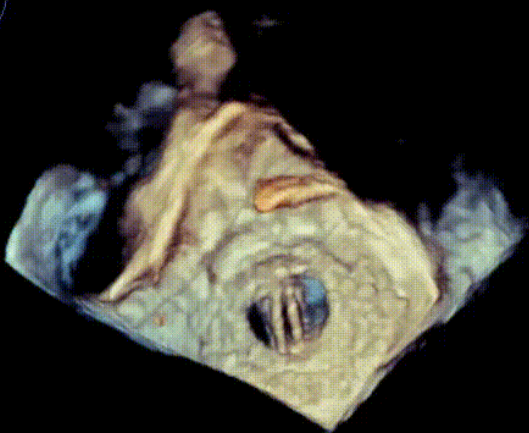


Fra



Im: 1/35  
Ecocrd. adultos  
Se: 1  
XZ 3: Latidos 3D 4  
Loss: compression (JPEG)  
19Hz  
13cm  
GRASSINO LUIS ANSELMO  
TISO 3 MI 0.7  
1.2.840.113663.1500.1.474979750.1.1.20230119.144532.931  
FUNDACION FAVALORO  
20230119.144332

Live 3D  
2D / 3D  
% 54 / 44  
C 50 / 30  
Gral.  
XRES ON



PAT T: 37.0C  
TEE T: 39.2C

WL: 128 WW: 256 [D]  
Demora Ums

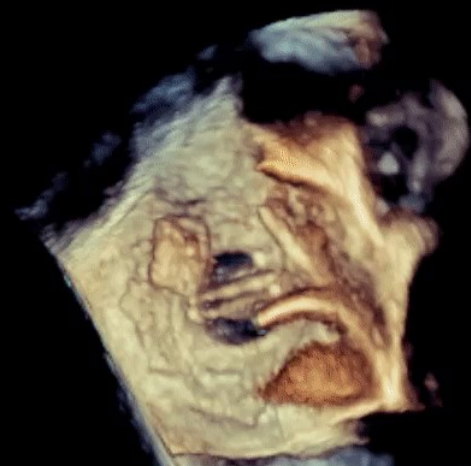
You have 20 days left in your trial period.  
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This session will end in 2 minutes.

69 lpm  
19/01/2023 03:57:31 p.m

Im: 1/44  
Ecocrd. adultos  
Se: 1  
XZ 2: Latidos 3D 4  
Loss: compression (JPEG)  
16Hz  
13cm  
Zoom 3D  
2D / 3D  
% 55 / 44  
C 50 / 30  
Gral.  
XRES ON



GRASSINO LUIS ANSELMO  
TISO 3 MI 0.7  
1.2.840.113663.1500.1.474979750.1.1.20230119.144532.931  
FUNDACION FAVALORO  
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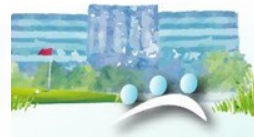


PAT T: 37.0C  
TEE T: 39.3C

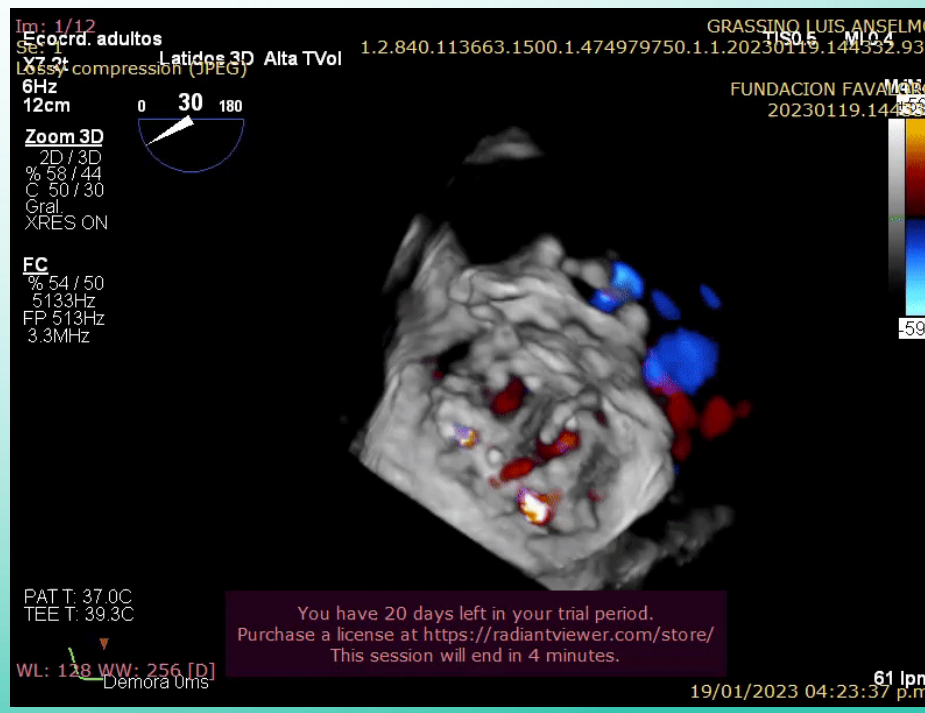
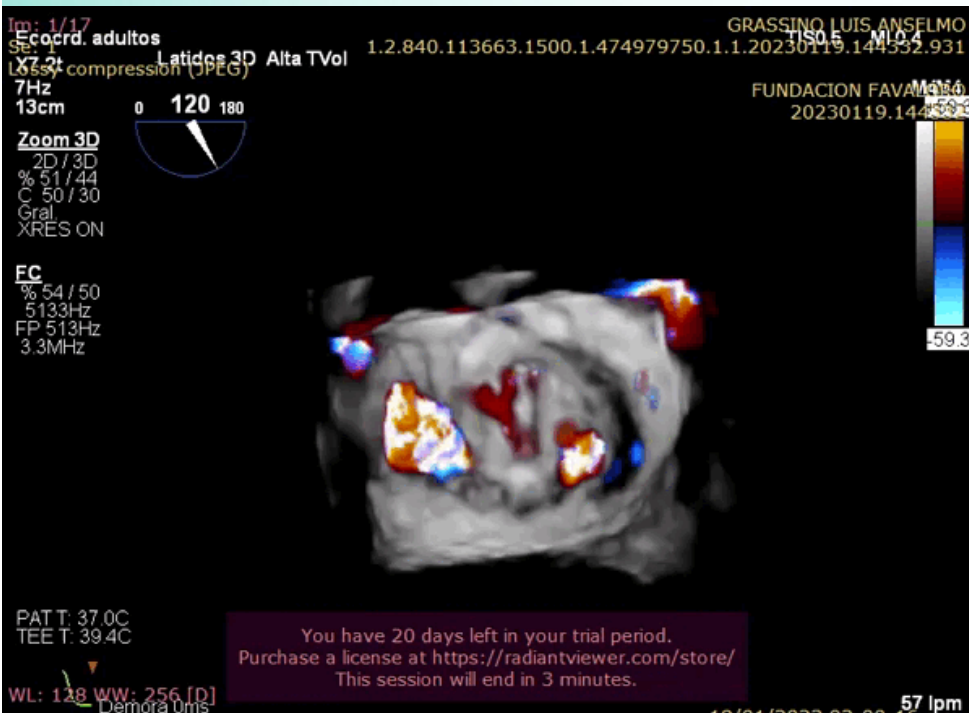
WL: 128 WW: 256 [D]  
Demora Ums

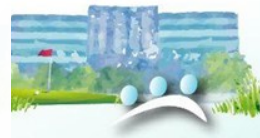
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56 lpm  
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# PRE Y POST INTERVENCIÓN





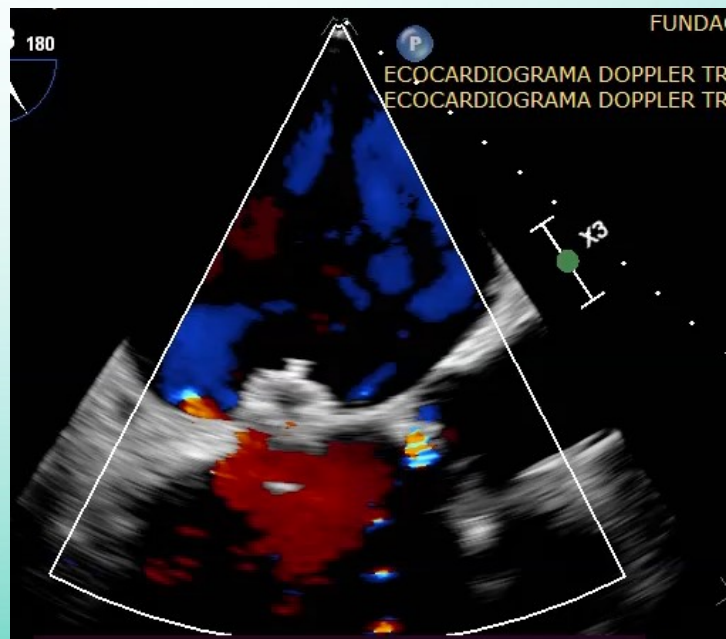
## ECO TRANSESOFÁGICO 28/04/23

FEVI 55 %.

El septum interauricular esta indemne , sin  
pasaje de flujo

Dispositivo de cierre de leak mitral de  
localización lateral, sin insuficiencia residual.

Sin derrame pericárdico







## CONTROL CLÍNICO

- SIN SIGNOS CONGESTIVOS, CON LEAK MÍNIMO.
- SIN NUEVAS INTERNACIONES NI CONSULTAS POR GUARDIA.
- RELATO DEL PACIENTE «**TUVE UN ANTES Y UN DESPUES**» DEL PROCEDIMIENTO.
- ESTOY MUCHO MEJOR. "**ME CAMBIÓ LA VIDA**".

**Muchas Gracias**