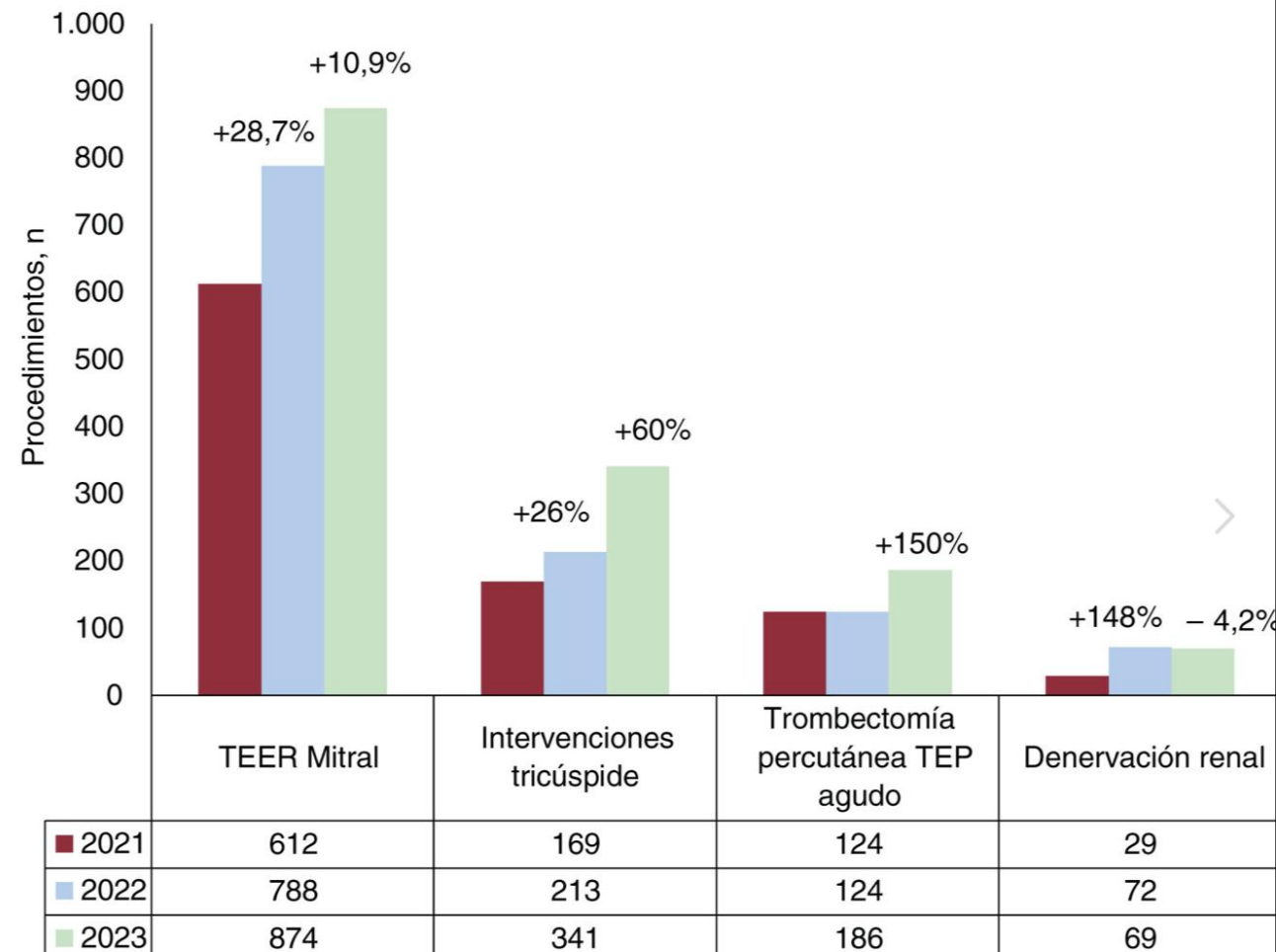
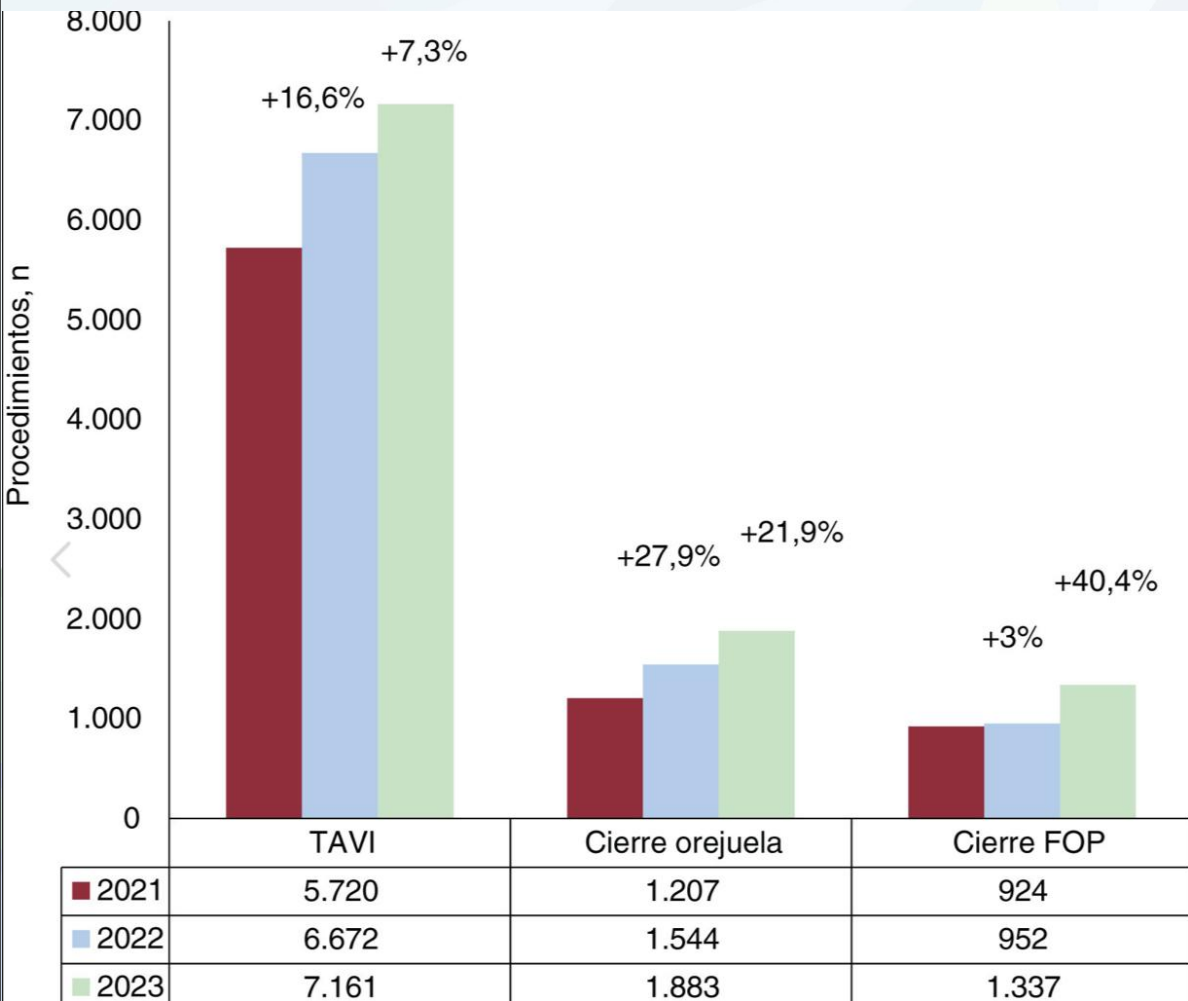


Experiencia con la Nueva Tecnologia de Catéter de Ultrasonidos Intracavitario 4D: AcuNav Lumos



Soledad Ojeda
H.U. Reina Sofía (Córdoba)

Intervencionismo Estructural

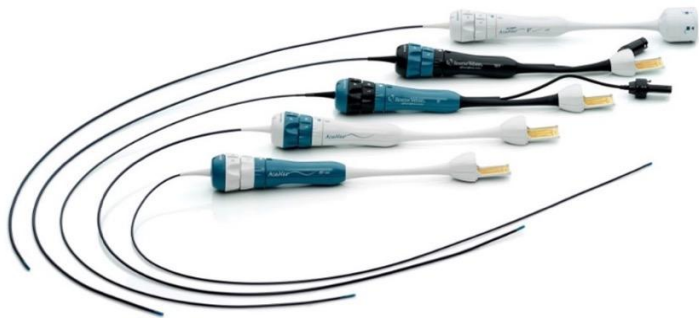


Visionary leadership

Integral to excellence

Leading the pack

As the inventors of ICE, we keep moving the bar and pushing forward. Why? Because you need optimal imaging tools to provide the best outcomes for your patients.



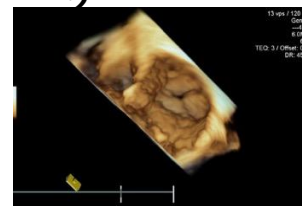
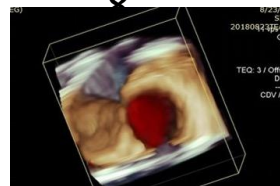
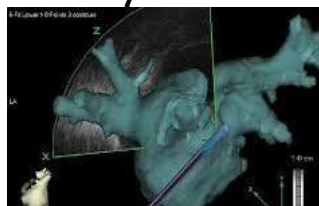
200

200

201

201

202



First
in 2D
ICE

First
in 3D
ICE

First in
4D
Volume ICE

4D ICE
second
generation

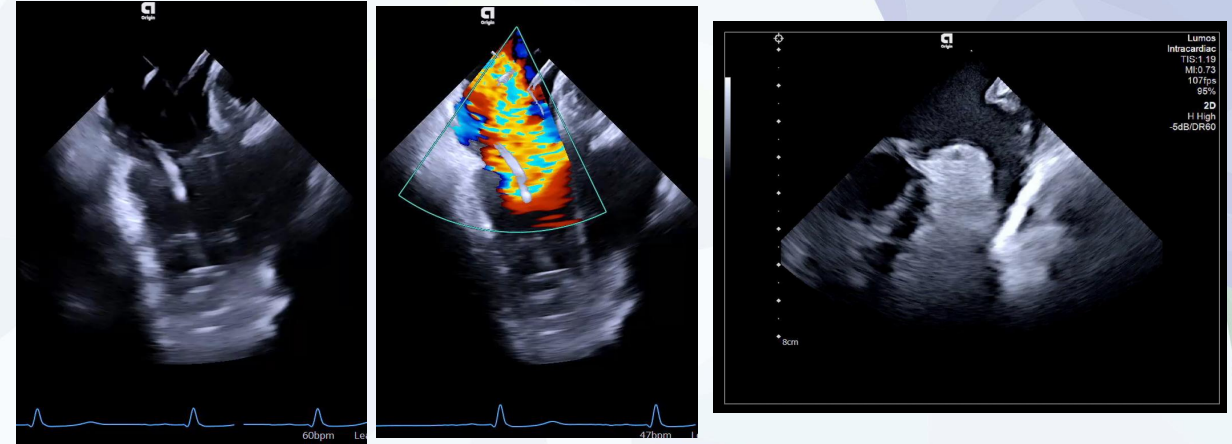
NEW ACUSON
AcuNav
Volume ICE
catheter

What's next?

- Next-generation visualization
- Greater efficiency
- Enabled with AI applications powered by ACUSON SC2000™ PRIME for reproducibility and ease of use
- Reliable data for quicker decision-making



- **Estabilidad del catéter**
- **Calidad de imagen 2D y color Mejorada**
- **4D**
- **Reconstrucción Multiplanar**
- **Visualización directa del objetivo, sin estructuras intermedias**
- **Elimina la necesidad de anestesia general e intubación orotraqueal**



Movimientos:

- Anterior y posterior
- Lateral y medial
- Horario y antihorario
- Avance y retroceso

Cierre FOP/CIA

Defect localization and
device navigation

TAVI/TAVR

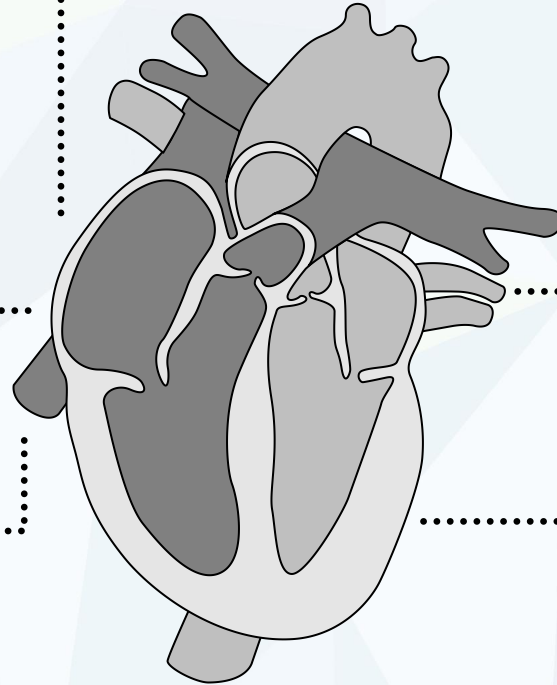
Accurate device sizing
and implantation angle

Imagen tricuspide

Anatomical assessment
and device navigation

Leaks

Leak localization and
device navigation



Orejuela

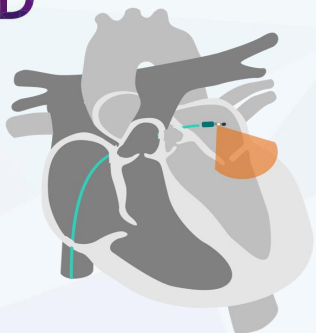
Accurate device sizing and
navigation to LAA ostia

VM Reparación reemplazo

Accurate device sizing and anchoring

Valvular pulmonar

Accurate device sizing
and device navigation

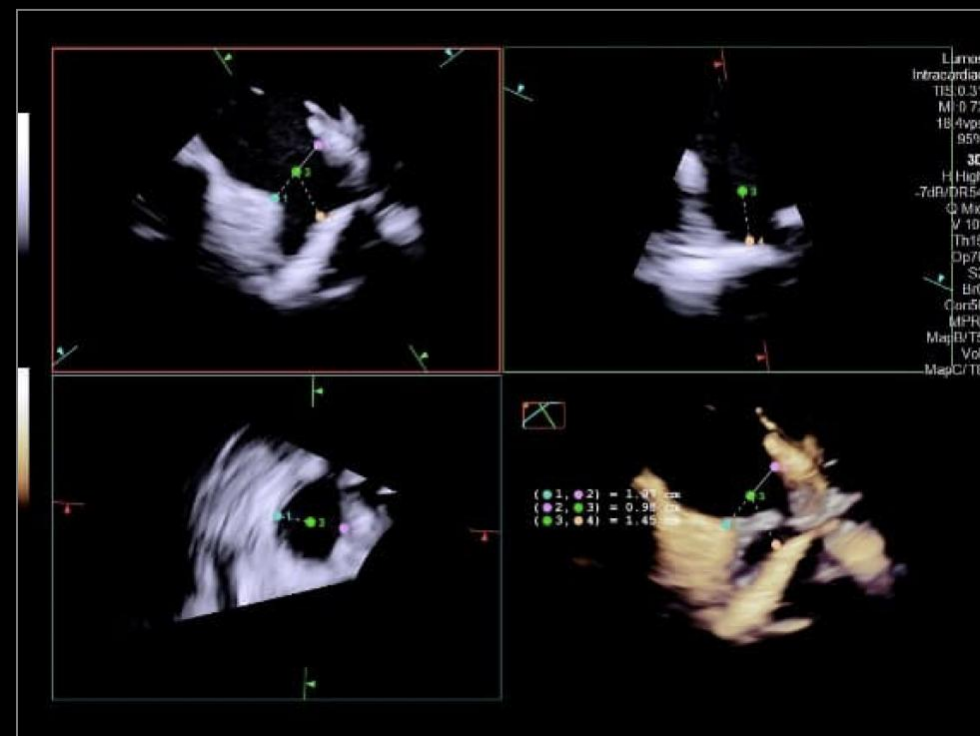


Measure, guide, and deploy in fewer ICE positions

20241022TEACHING
130 fps / 70 mm
General
---2D---
8.0MHz / 2 dB
TEQ: 2 / Offset: -2 dB
DR: 53 dB

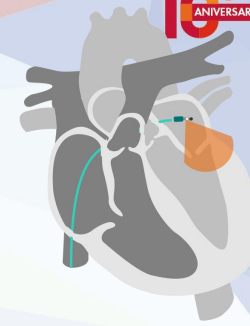


Advanced 3D measurement tools

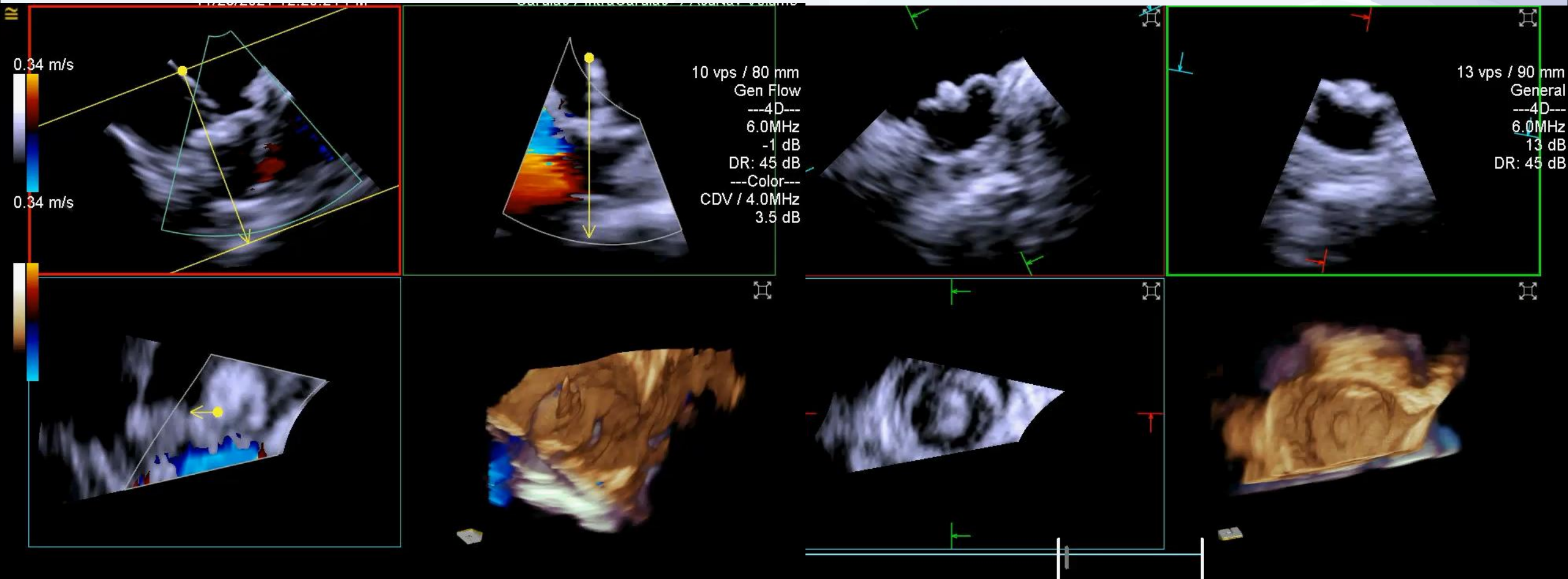


LAA ostium 3D calipers

LAA closure

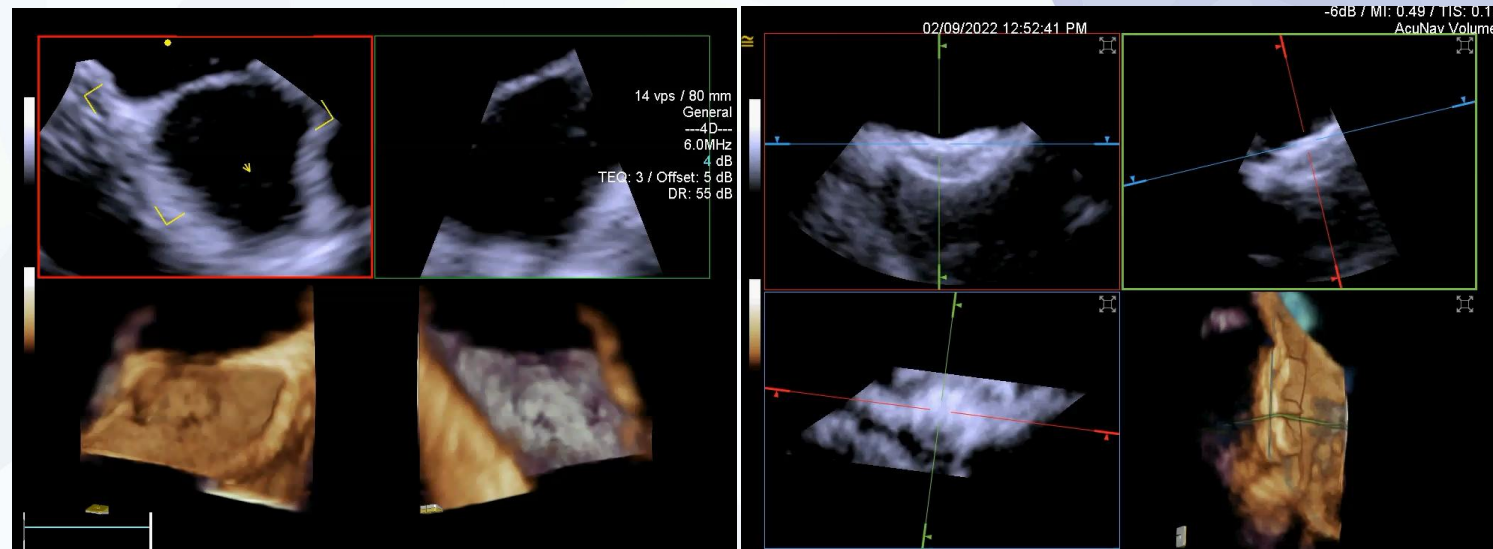
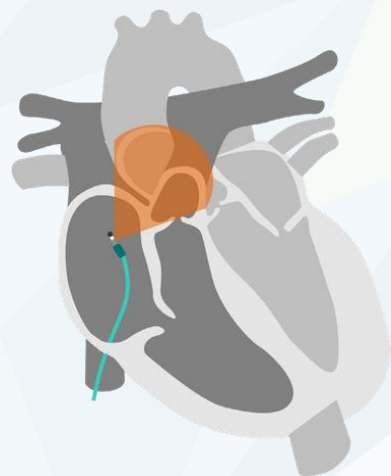


Measure, guide, and deploy in fewer ICE positions



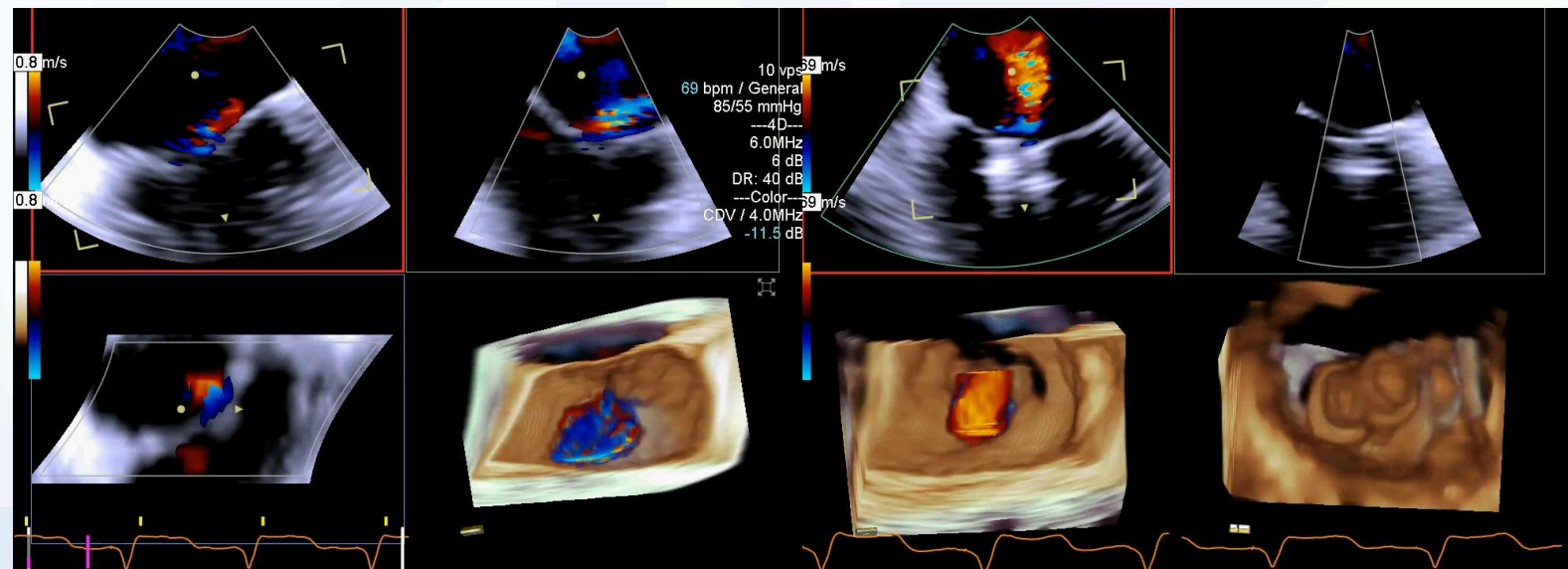
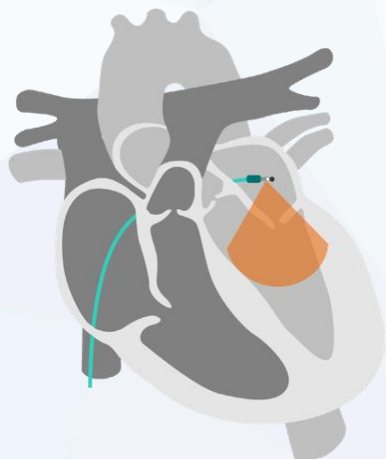
ASD/PFO closure

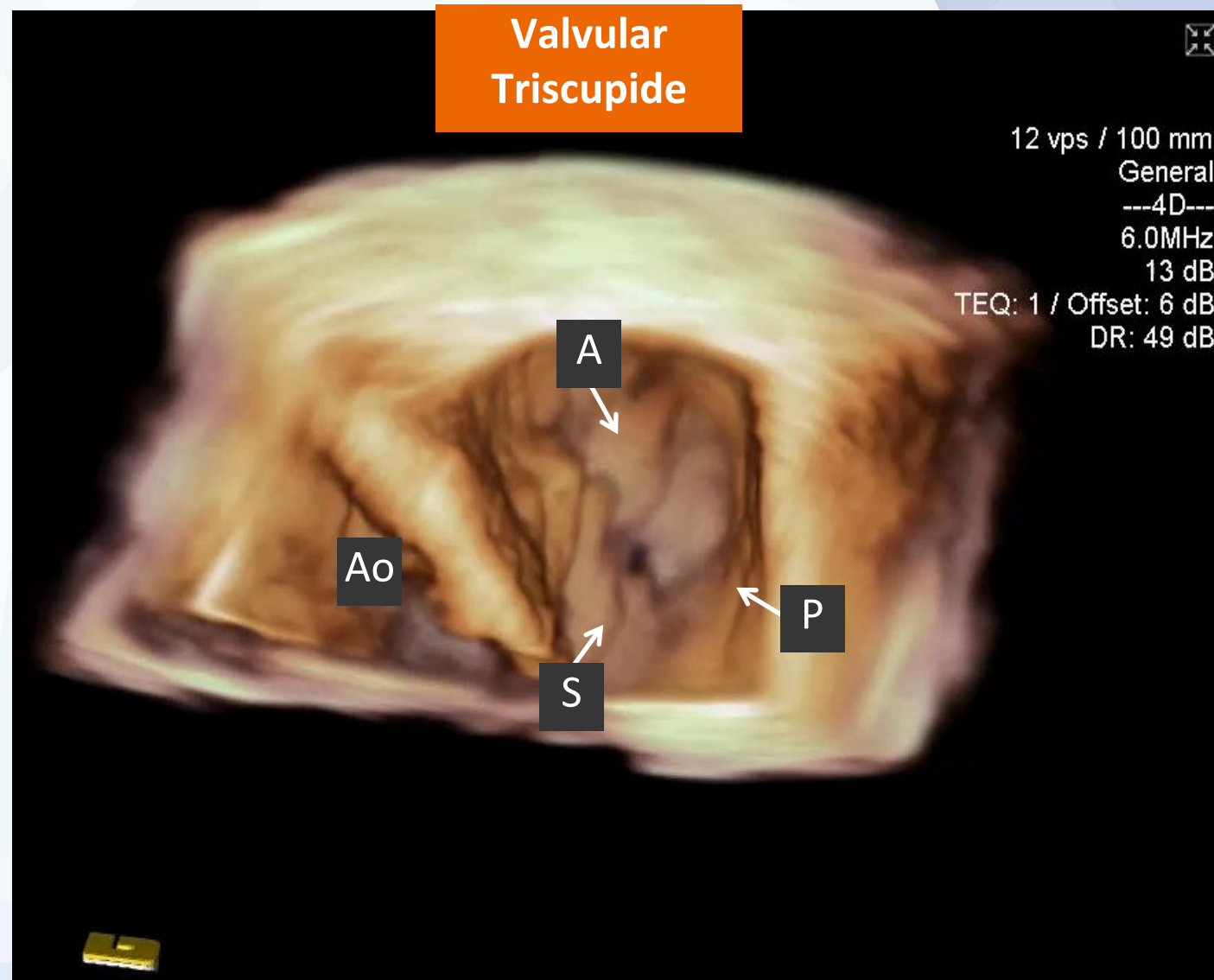
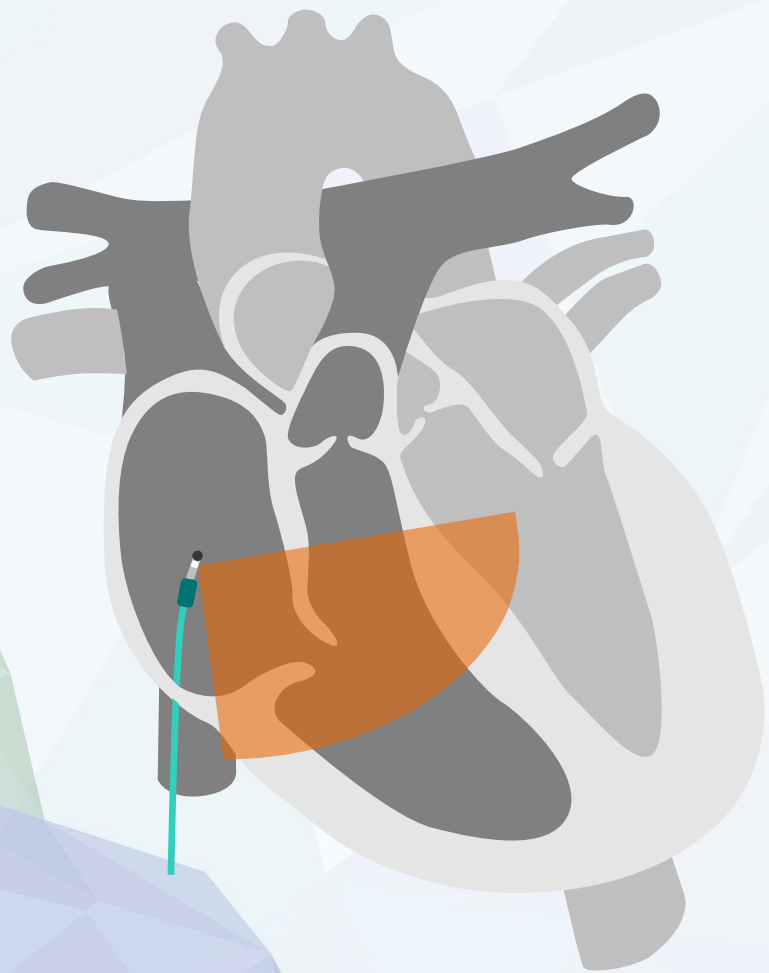
View the septal defect with 4D volume with one catheter position.



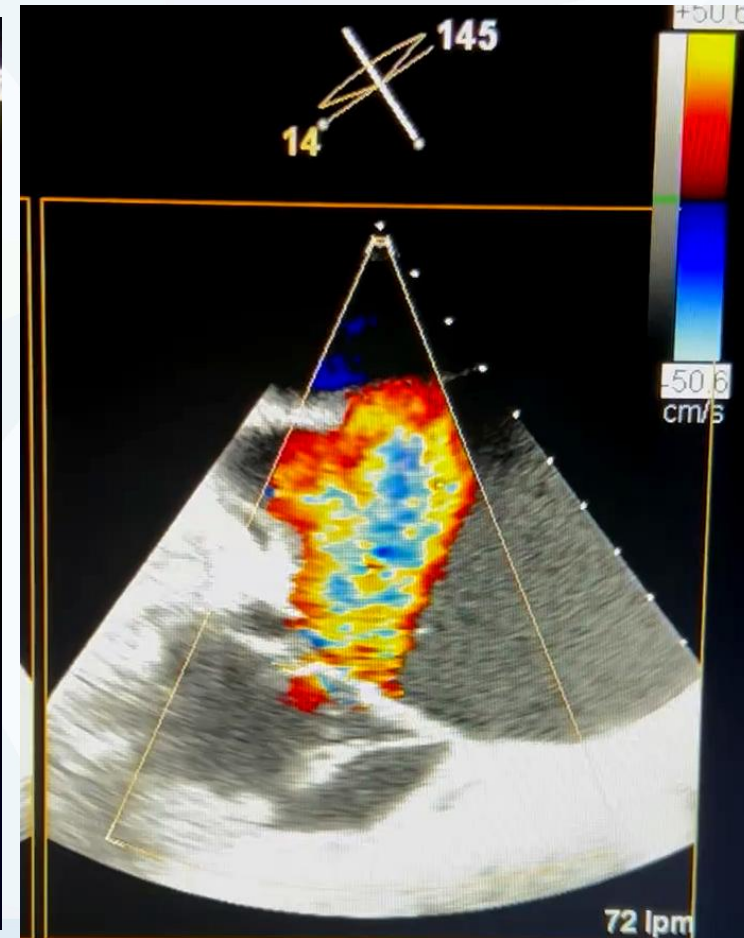
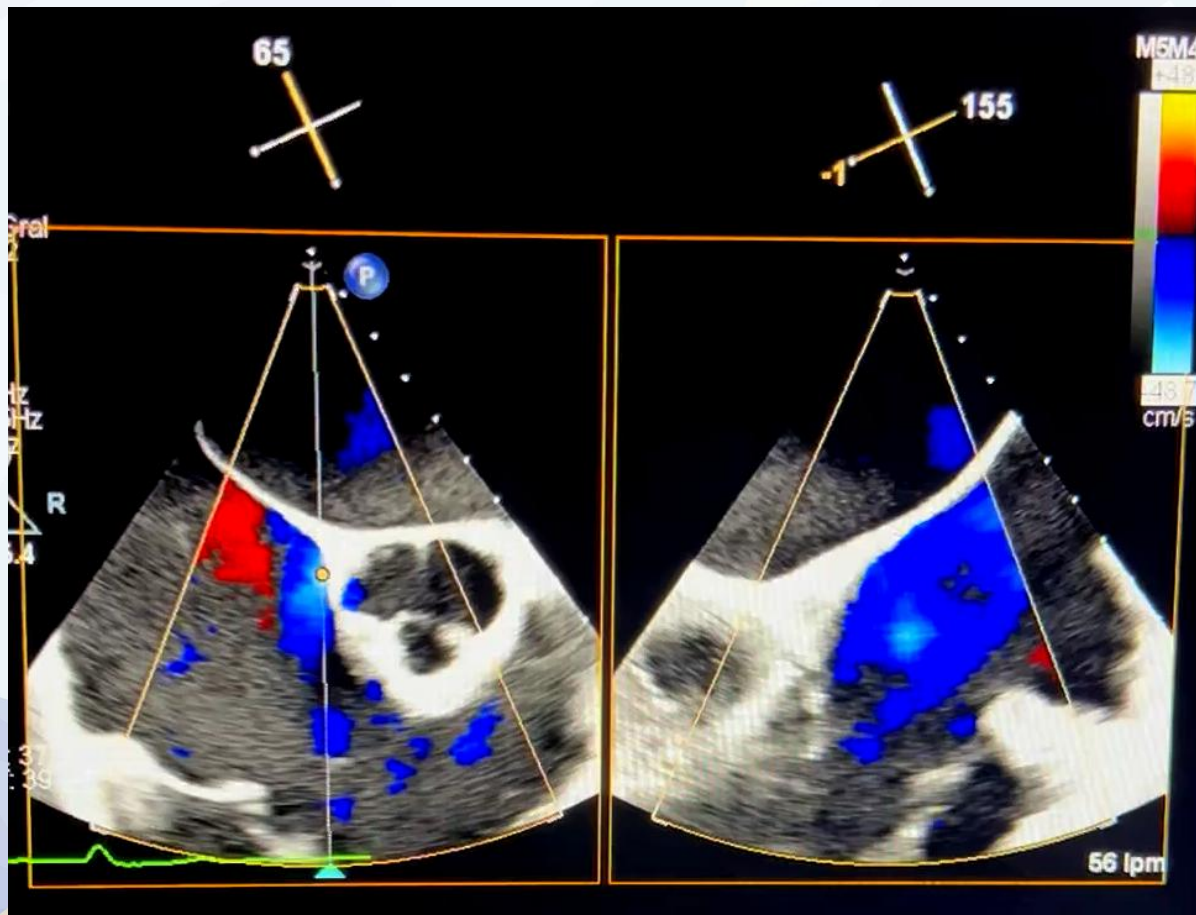
Mitral repair/ replacement

Enabling precise device placement and leaflet grasping

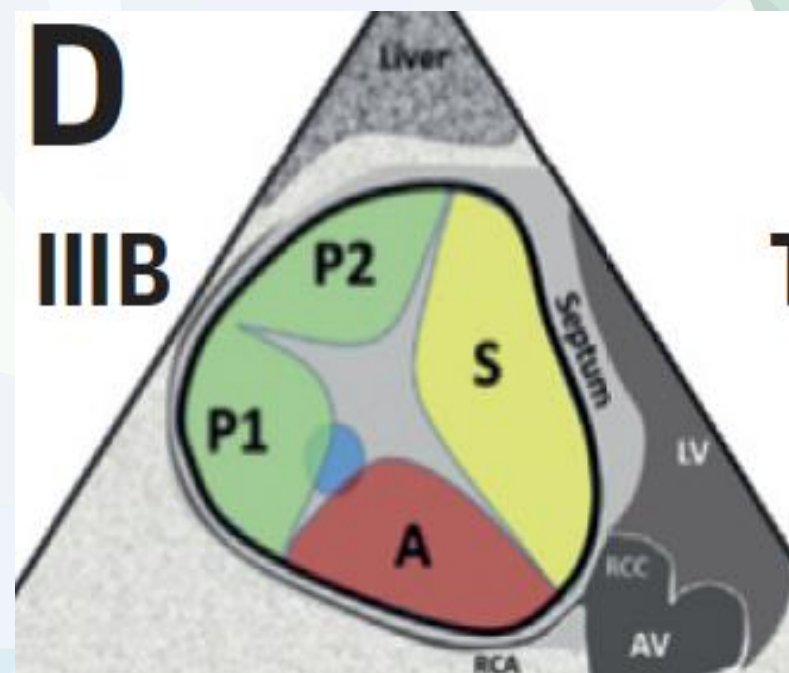
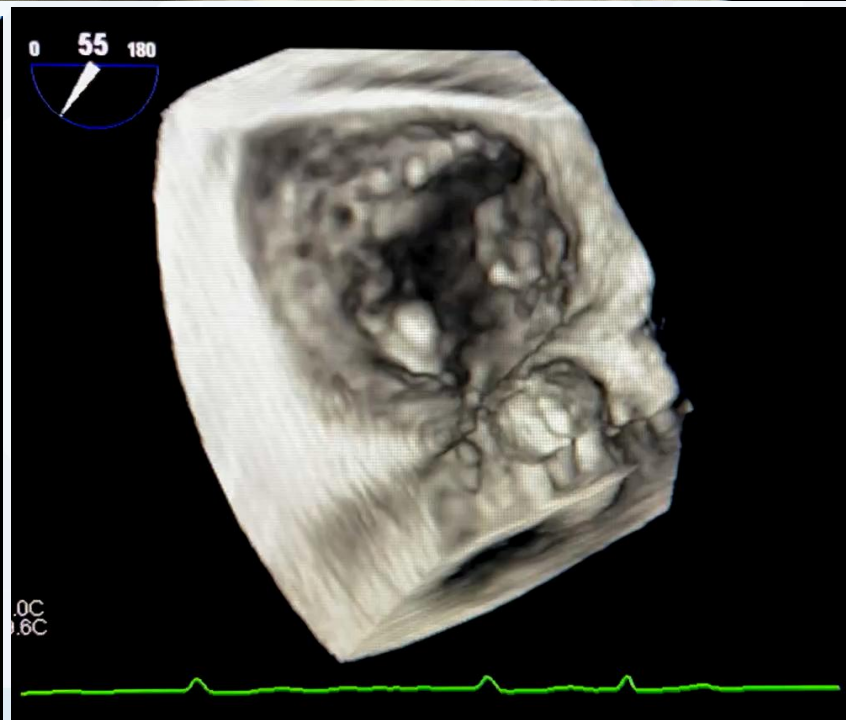
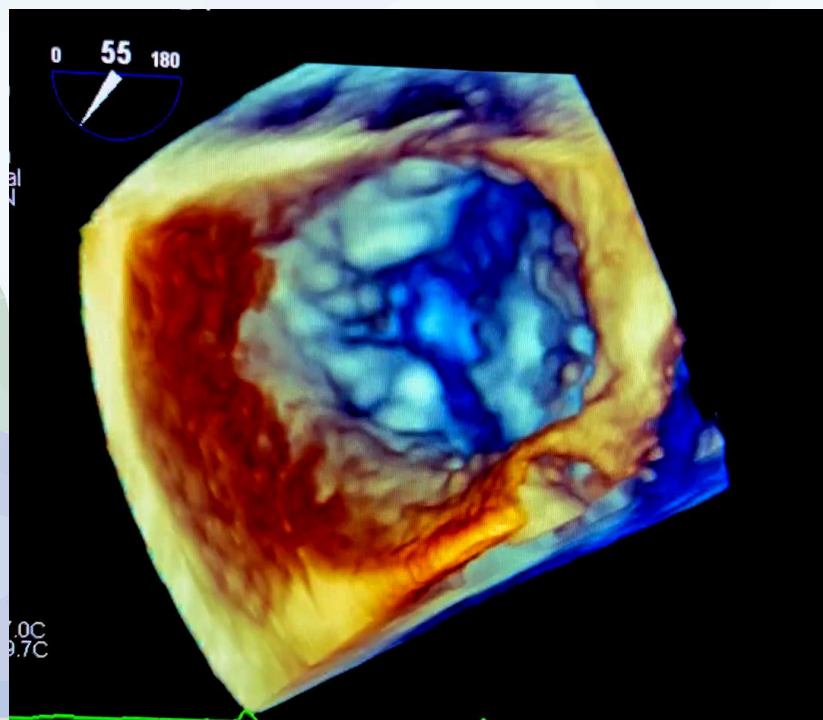
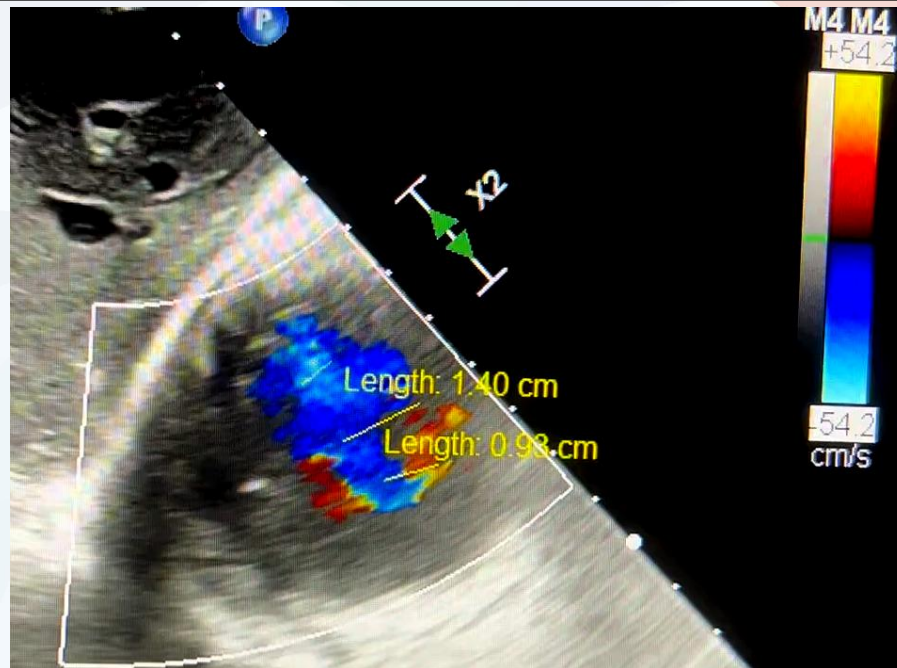




- Varón 78 años. FA
- Prótesis metálica mitral
- IT funcional auricular



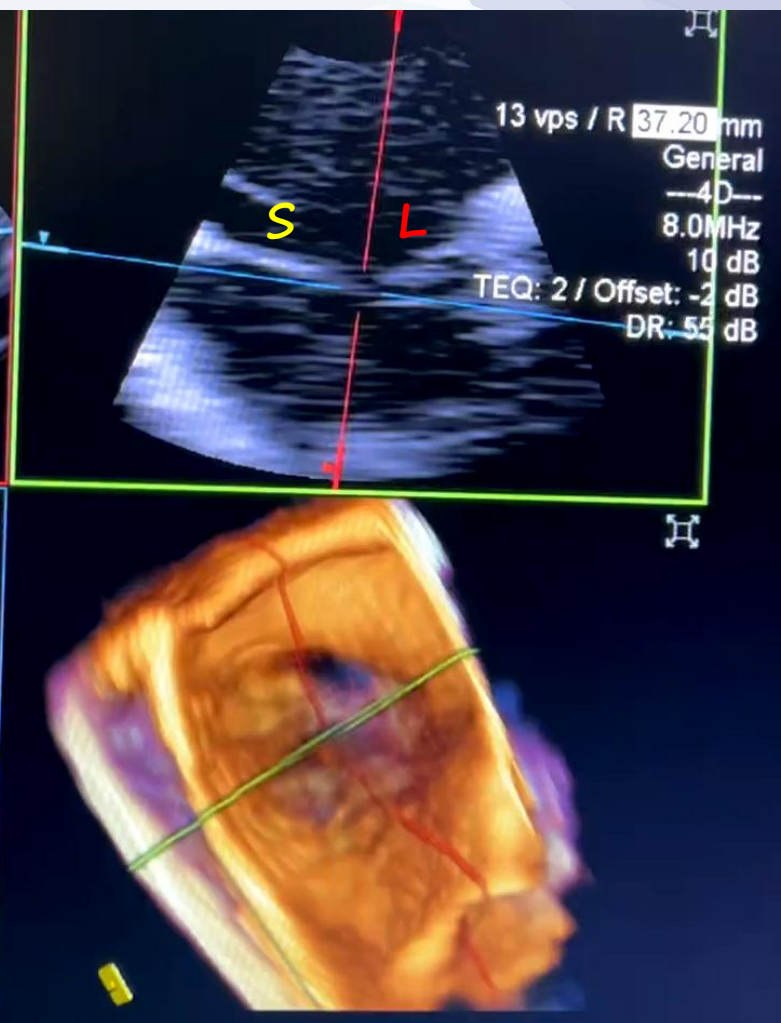
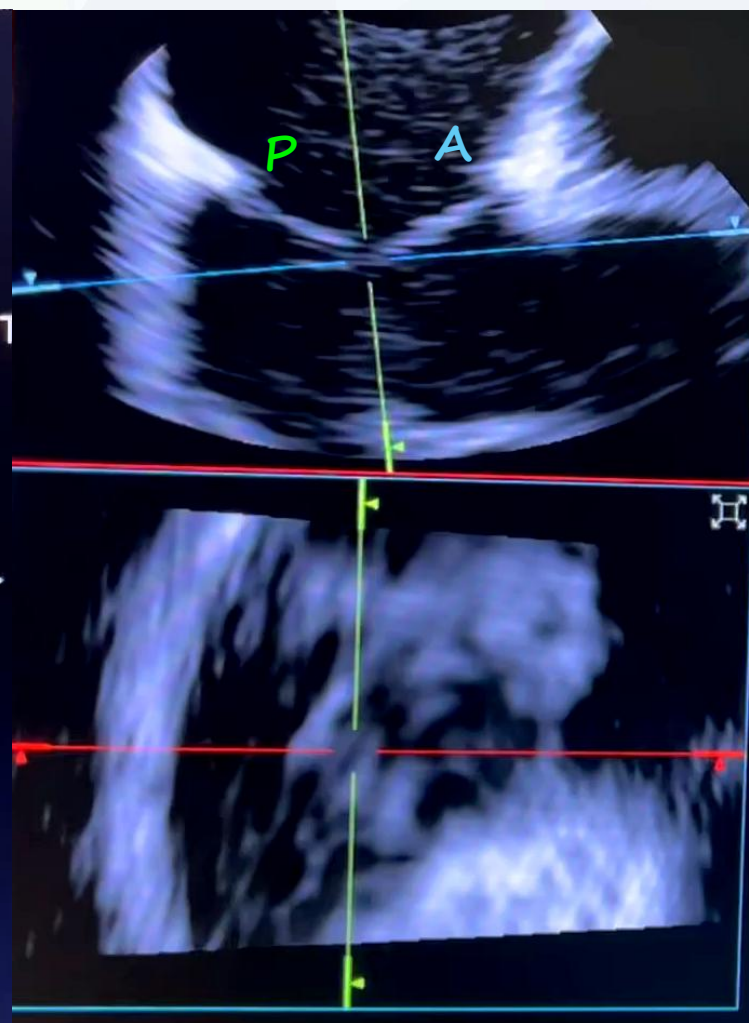
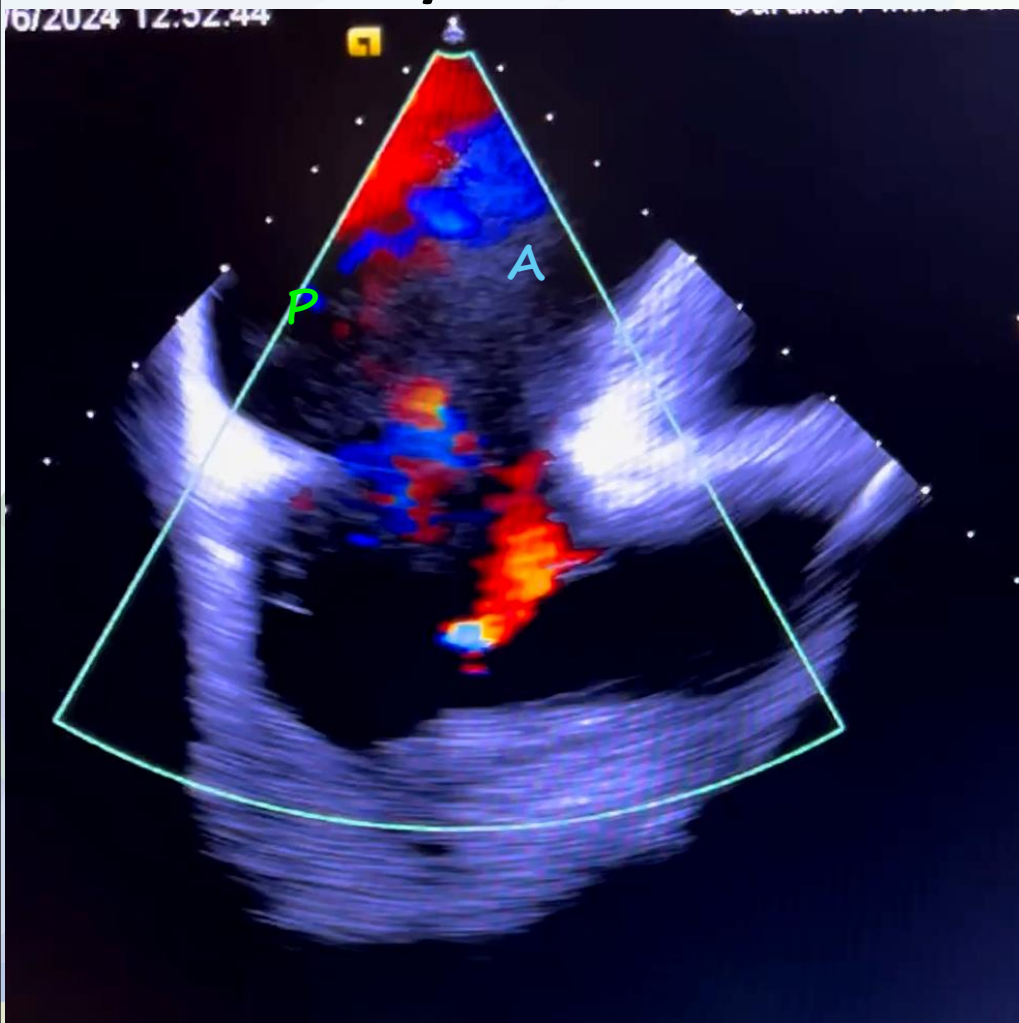
Estudio Basal



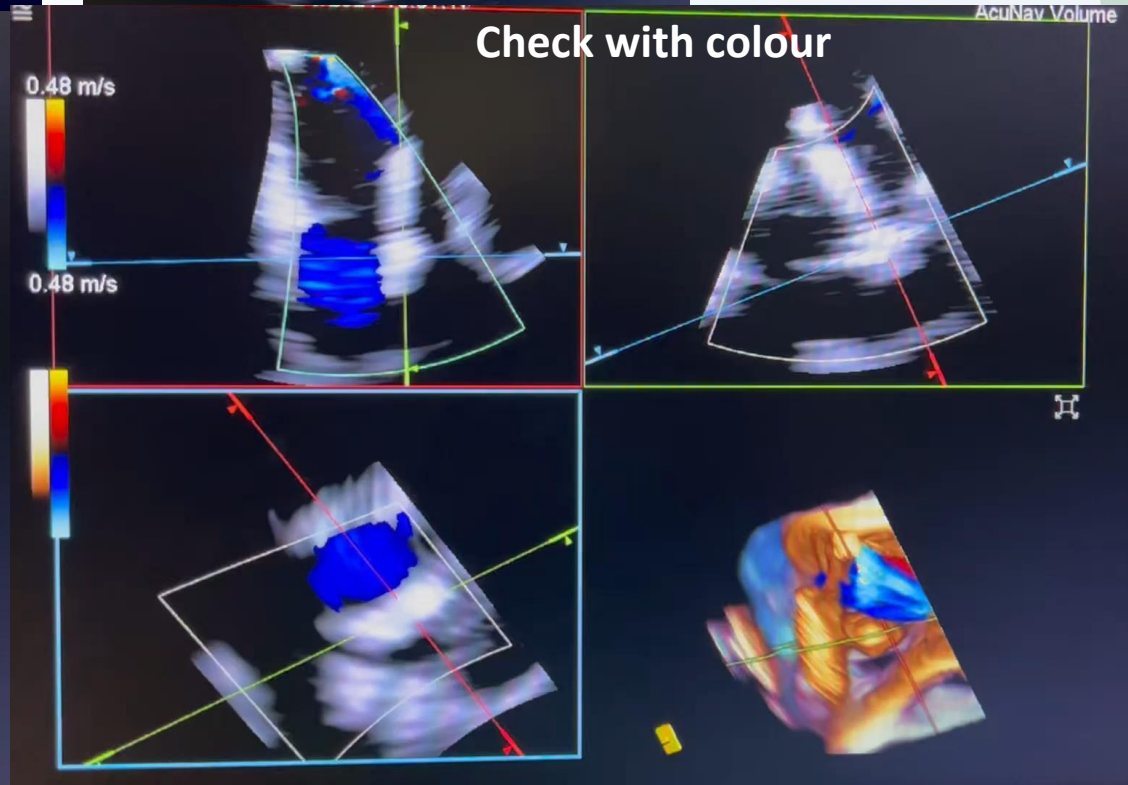
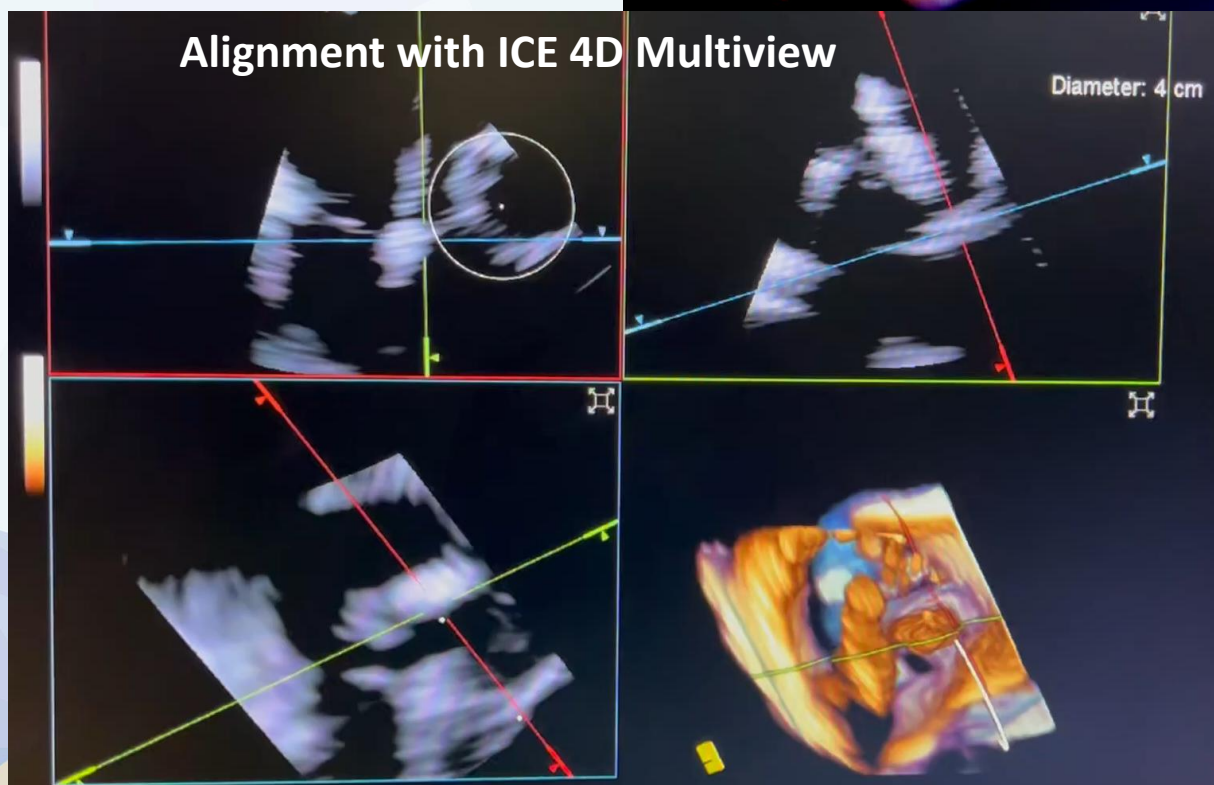
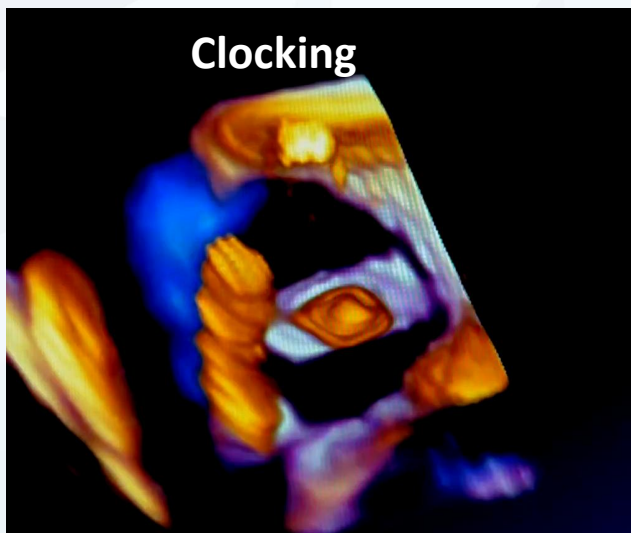
Reparación borde a borde guiada por ICE 4D

2D Inflow/Outflow View

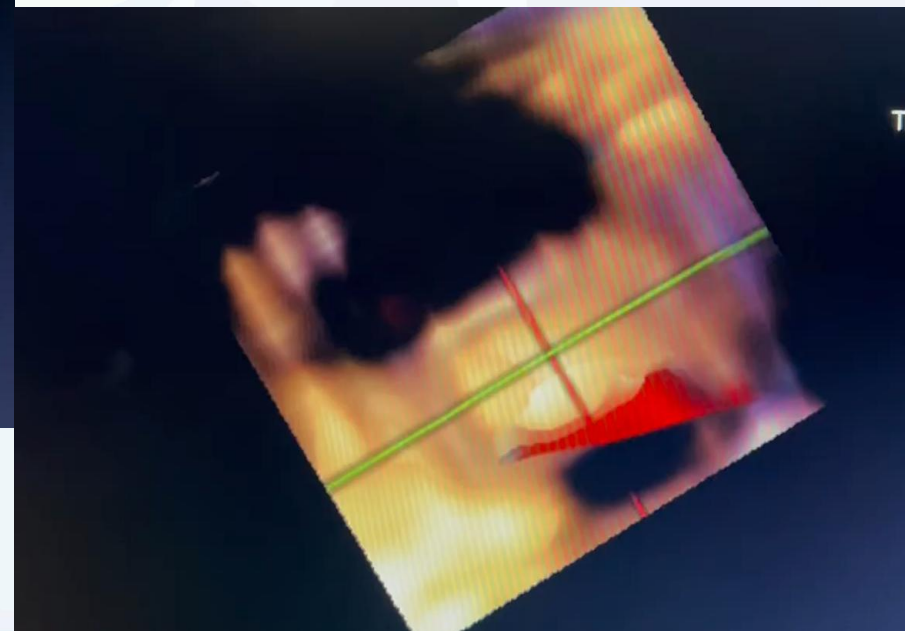
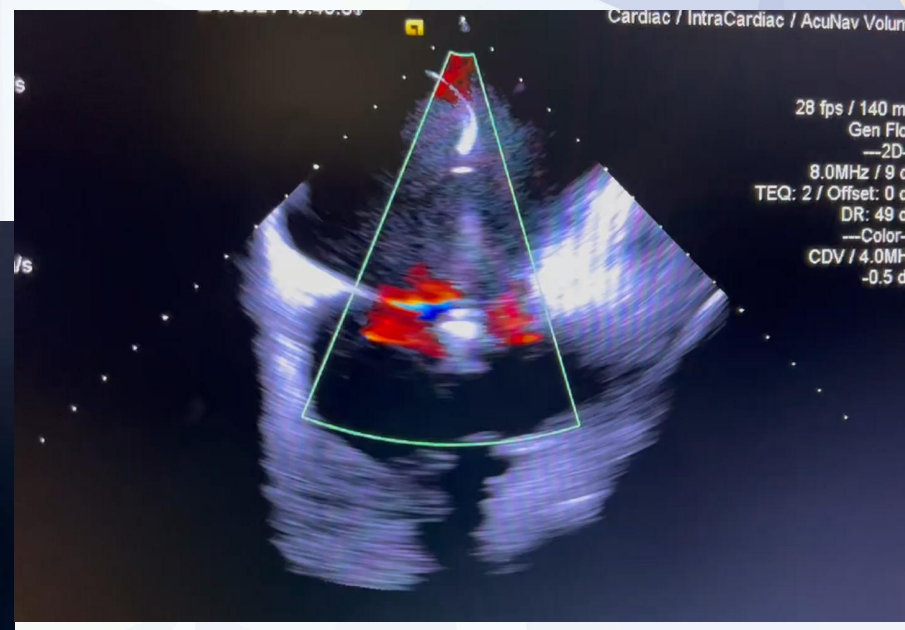
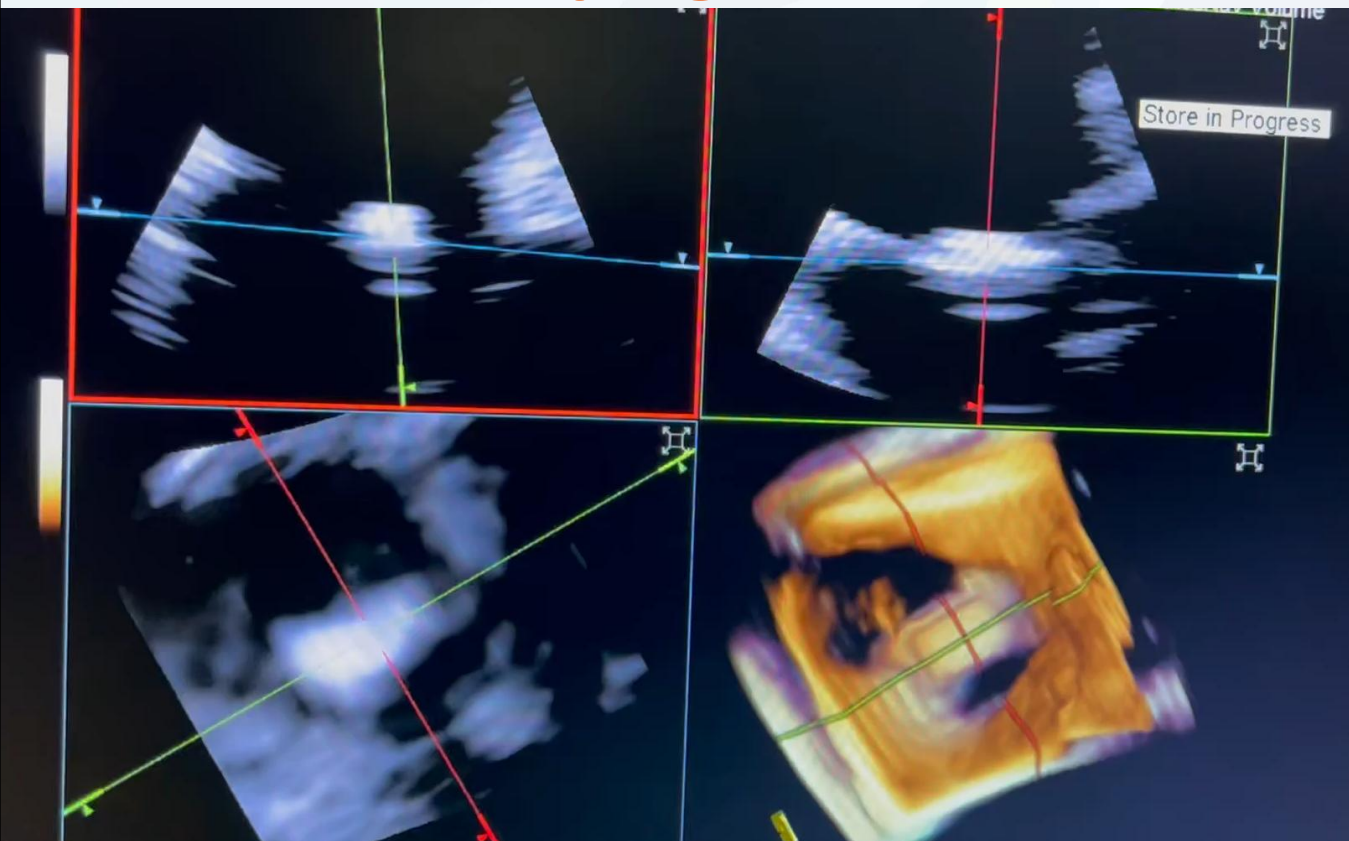
MPR



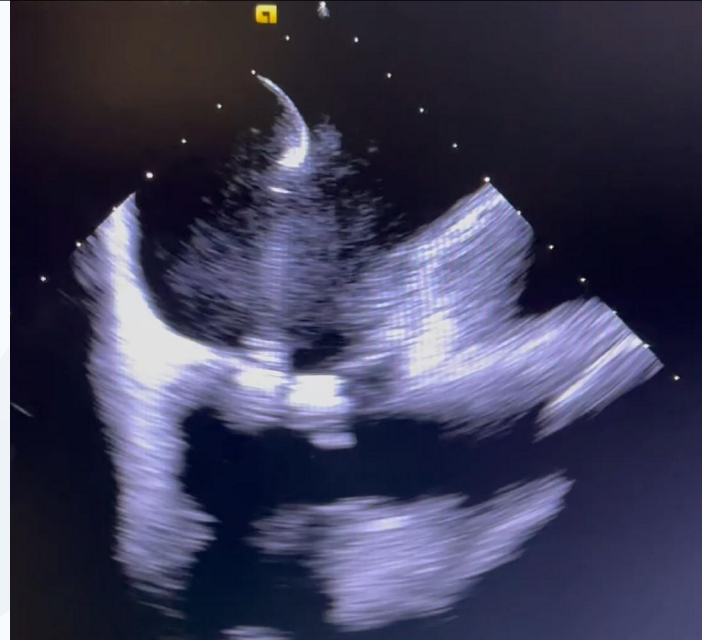
Procedimiento



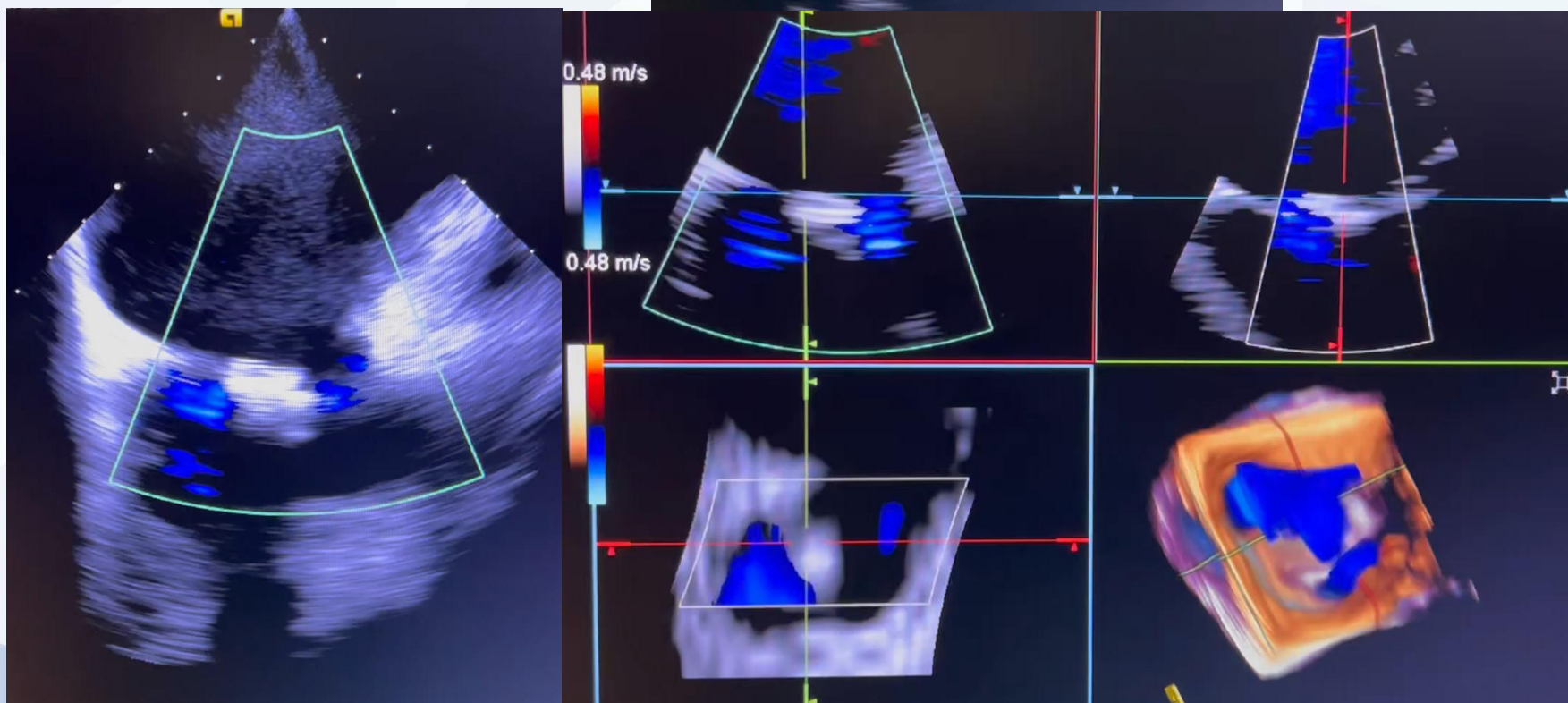
Grasping



2º Pascal



Final





- **Procedimiento minimalista**
- **Facilita en pacientes con mala ventana ETE o con contraindicación**
- **Curva de aprendizaje**