

# Facing a Challenging TV Clip

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# 64 yo F with Severe Tricuspid Regurgitation (5+)

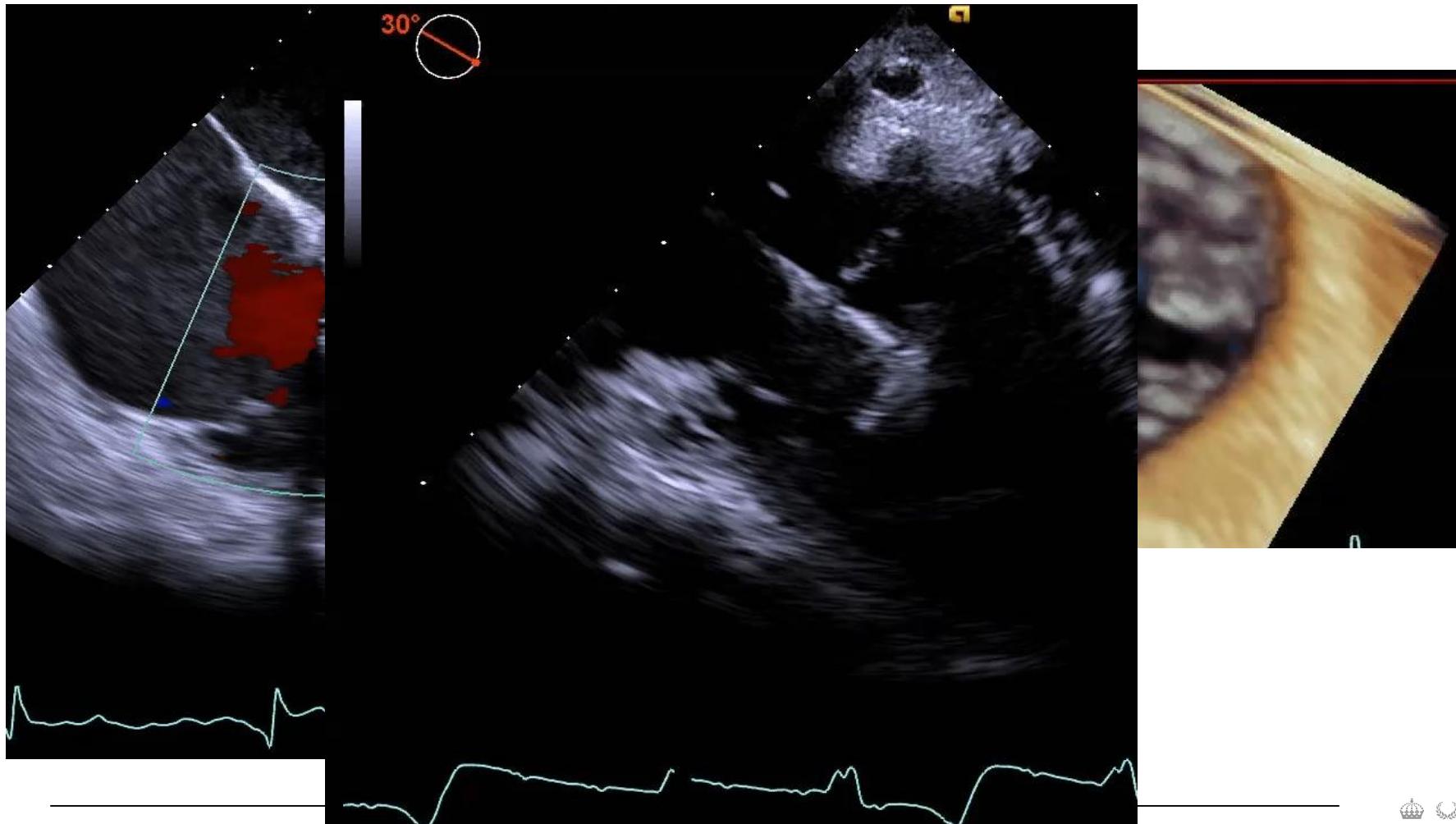
- Prior CABG with long post-op course (patent grafts)
- Lupus with lupus anti-coagulant
- Breast cancer with chest radiation
- Afib
- OSA

- NYHA III despite 80mg Torsemide daily
- PASP 42mmHg
- RV mild dysfunction

*Torrential TR by 3D PISA EROA: 0.82 (2x severe)*

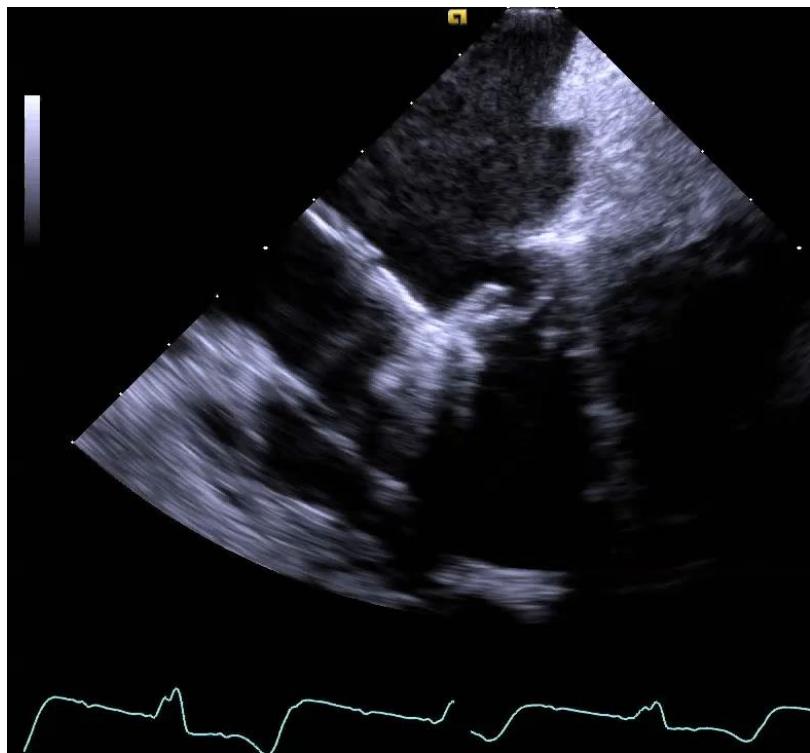


# Challenging Imaging

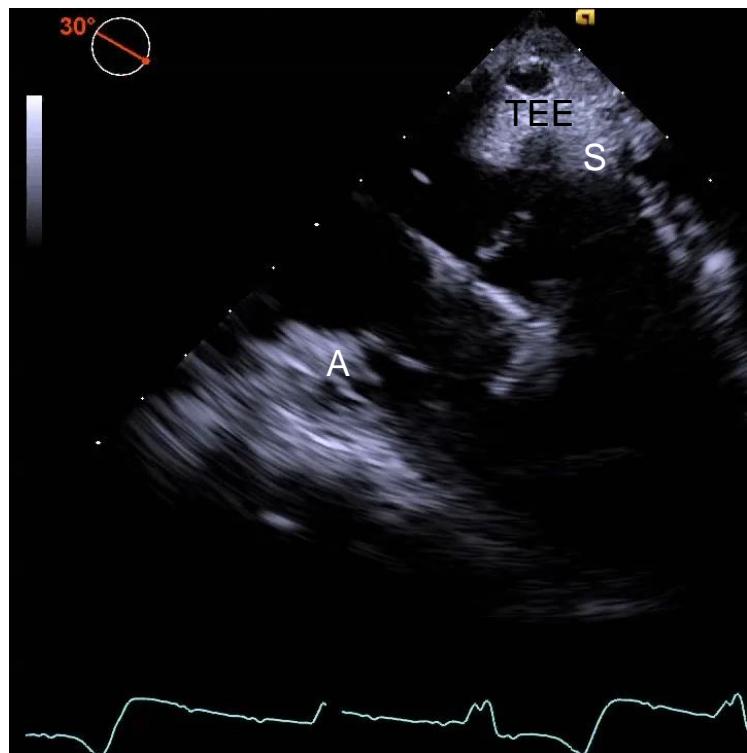


# Comparison of Images on ICE and TEE

ICE



TEE



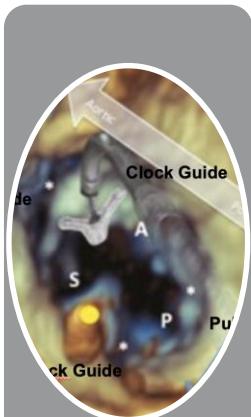
Leaflet Grasping in Modified Home View  
(same as TEE 0° view, not optimal)

# Steps



1. Turn down to valve

2DTEE/Flou  
ro to avoid septum



2. Orient clip  
and trajectory

3D Sx View  
/ME TEE



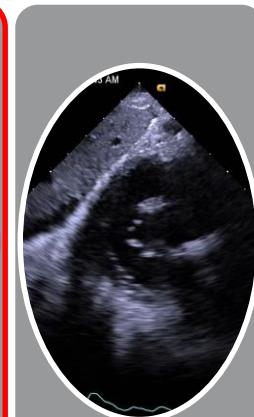
3. Enter RV  
and confirm  
location/arm

TG Short  
TEE



4. Grasp  
leaflets

2D  
ICE



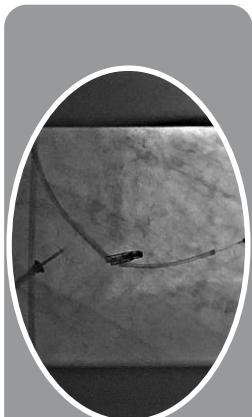
5. Confirm  
adequate  
grasp

TG Short  
TEE



6. Evaluate  
color  
change

ME  
TEE



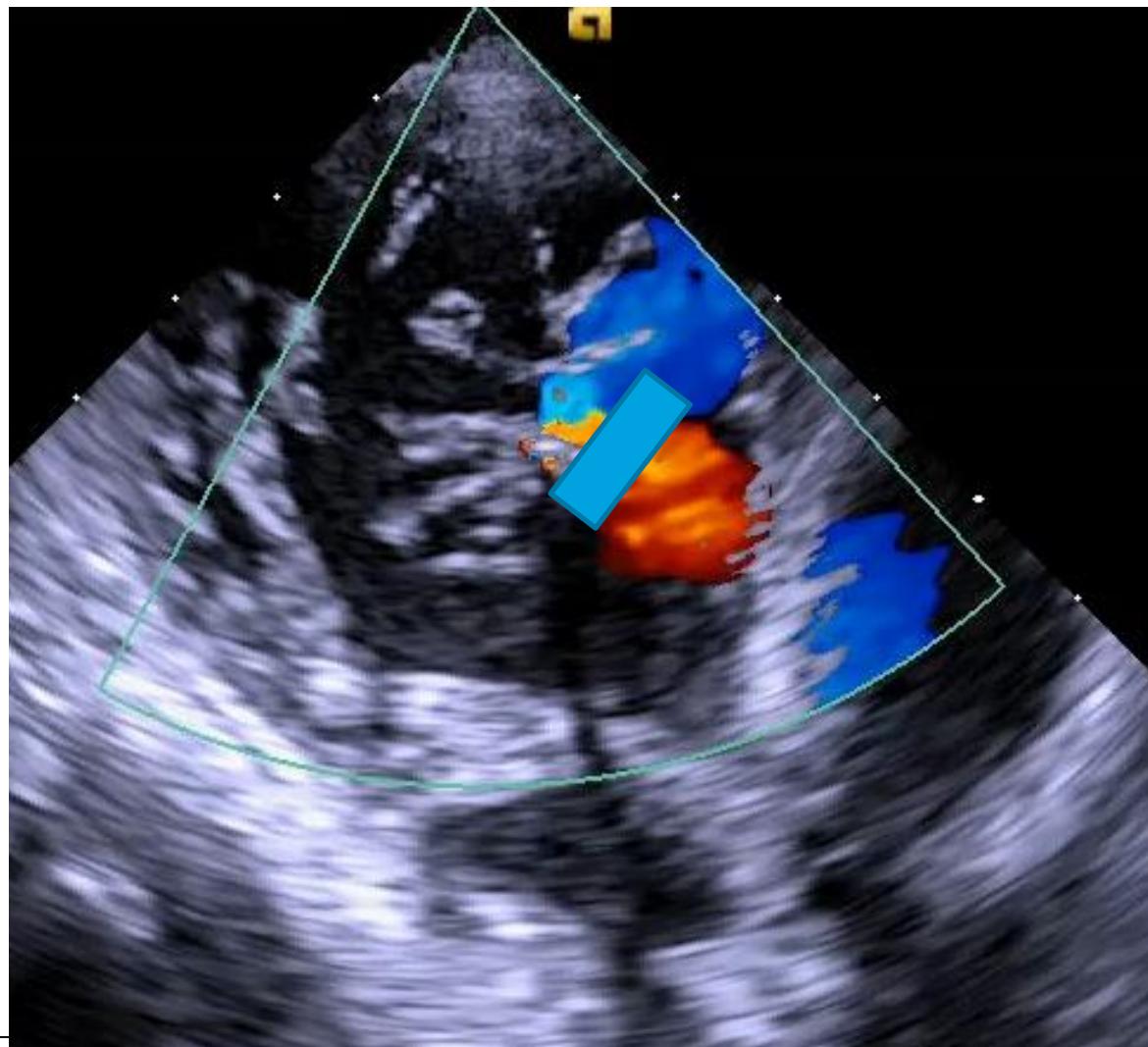
7. Release

Tricuspid Clip Flow

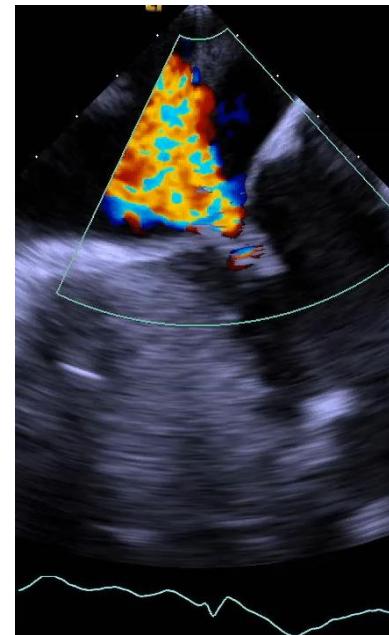
ICE only for leaflet grasping



# TG Short to Confirm Orientation



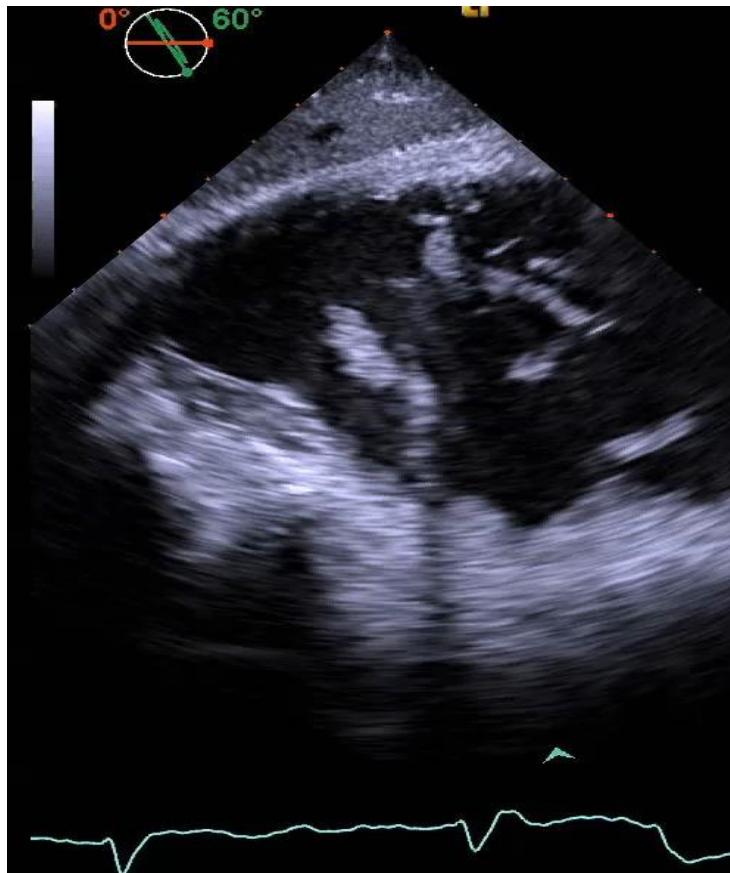
# 1<sup>st</sup> Clip



# 3<sup>rd</sup> Clip



# Confirm Tissue Bridge



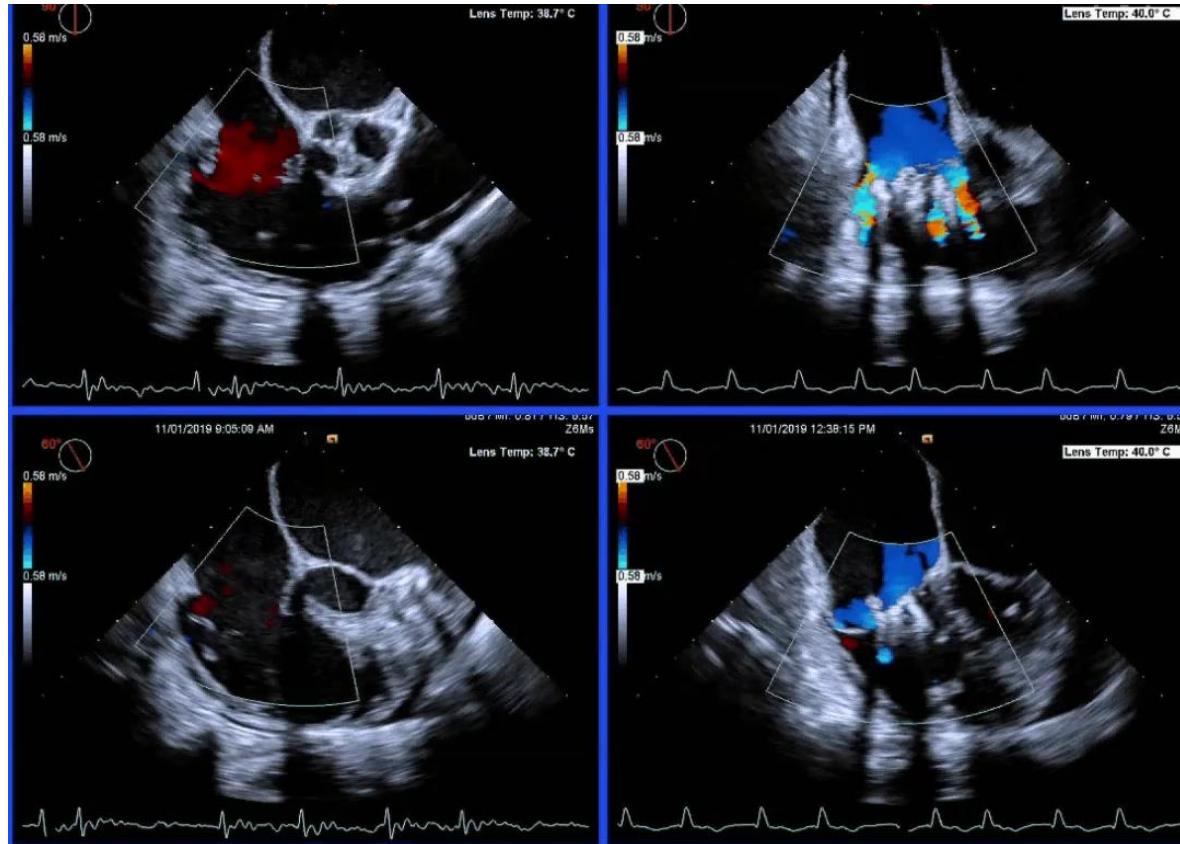
Pre



Post



# Good Result with Aid of ICE



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Thank You  
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