



Mitral Regurgitation: TEER Vs. TMVR

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CONGRESO 2024

10TH Annual
Multimodality
CV Imaging
Update

Disclosure

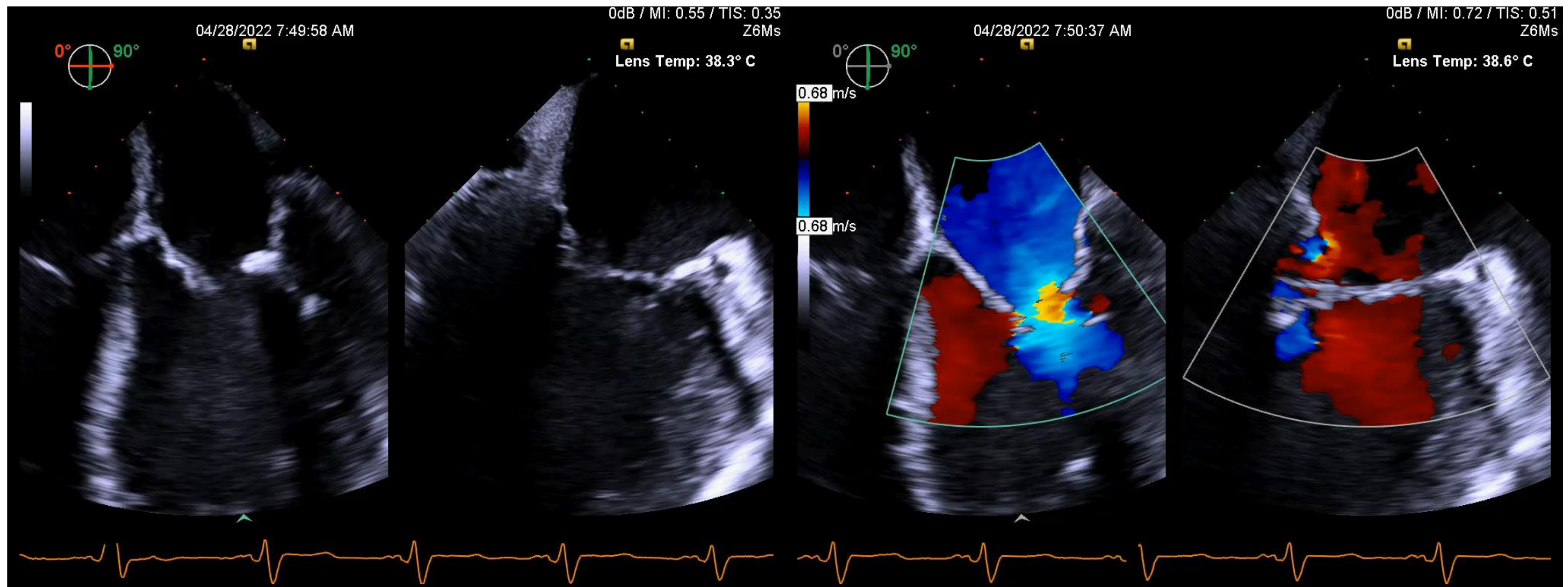


Abbott: Speakers Honorarium (to the institution, not to self)

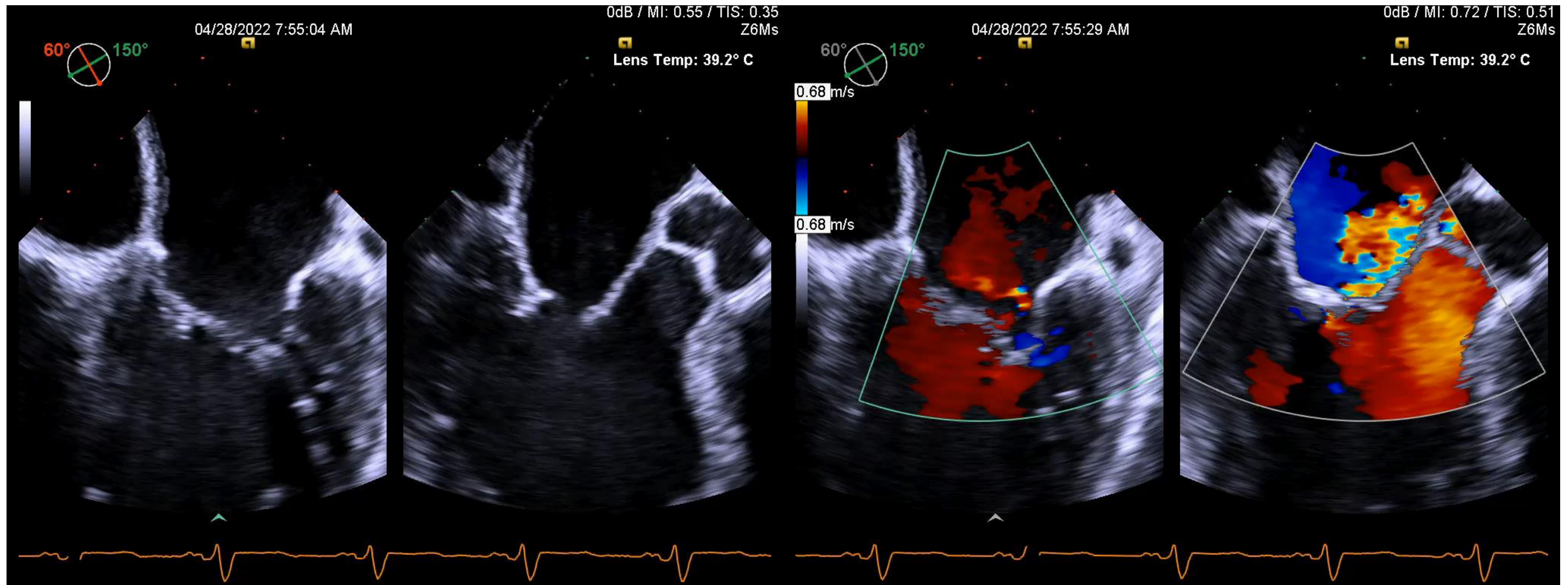


Case 1

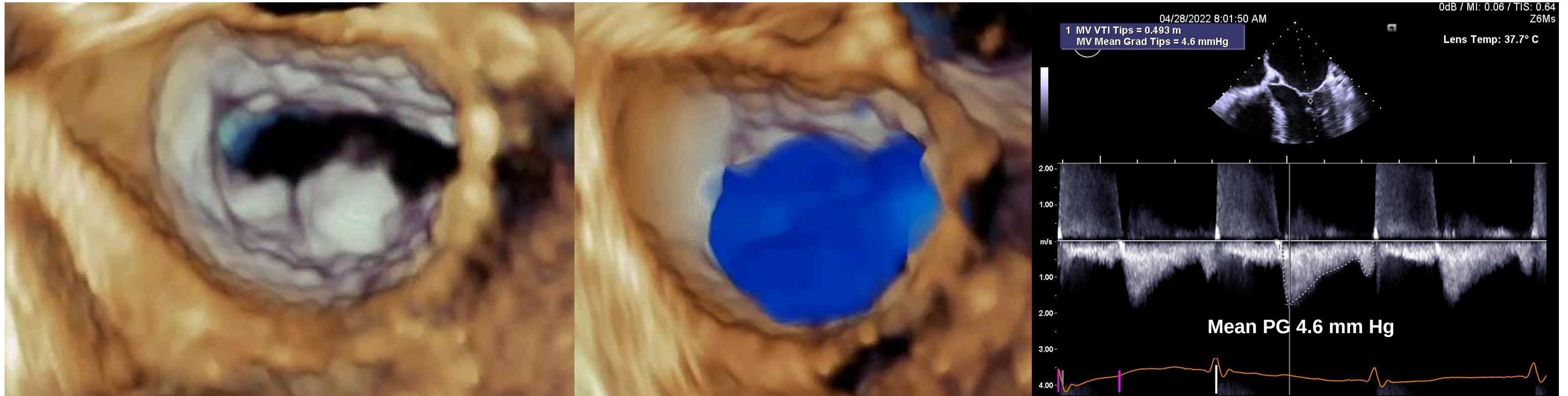
67 years old, Man, TEE for Mitral Regurgitation



67 years old, Man, TEE for Mitral Regurgitation



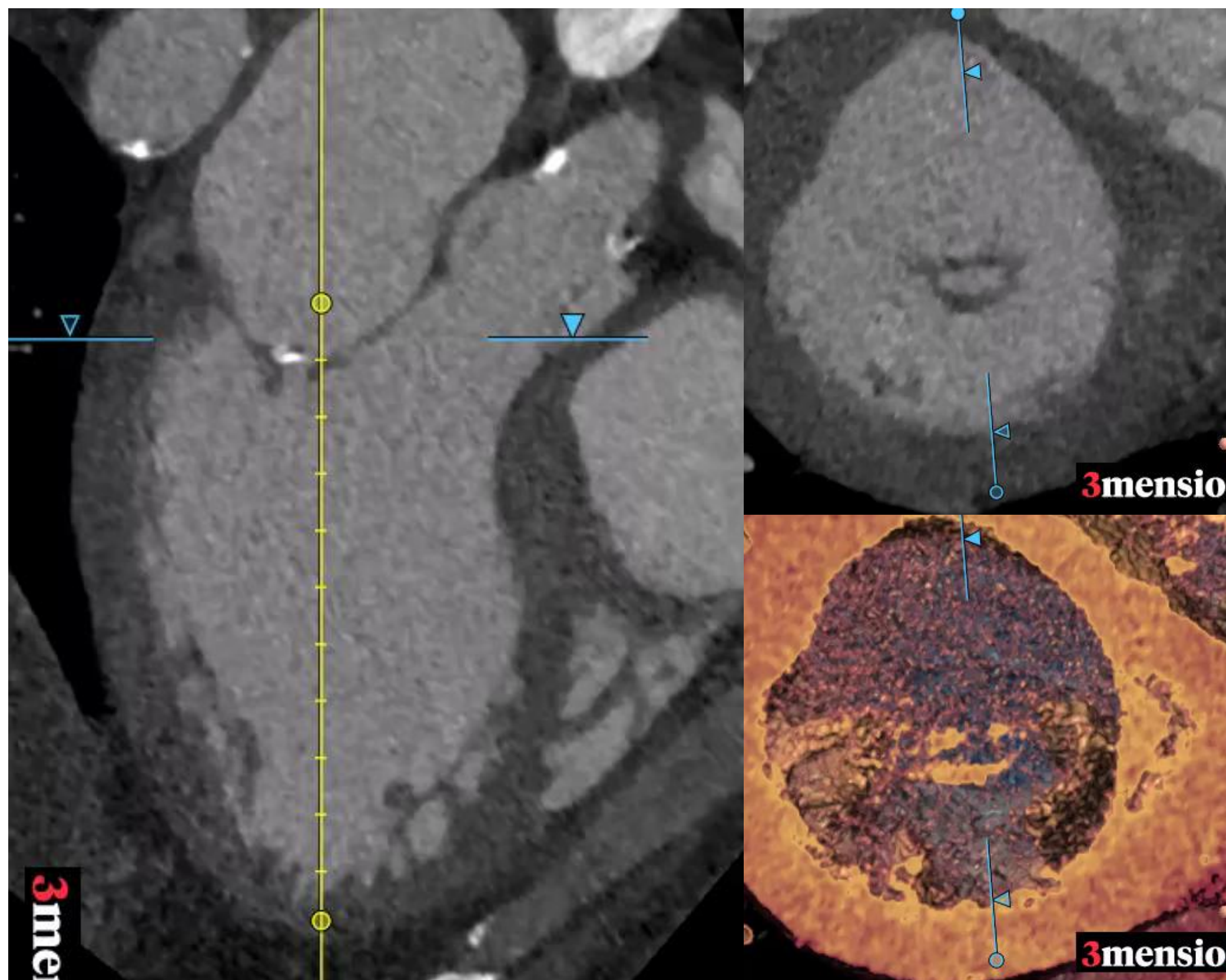
67 years old, Man, TEE for Mitral Regurgitation



Leaflet and Annular Calcification



67 years old, Man, CT for Mitral Regurgitation

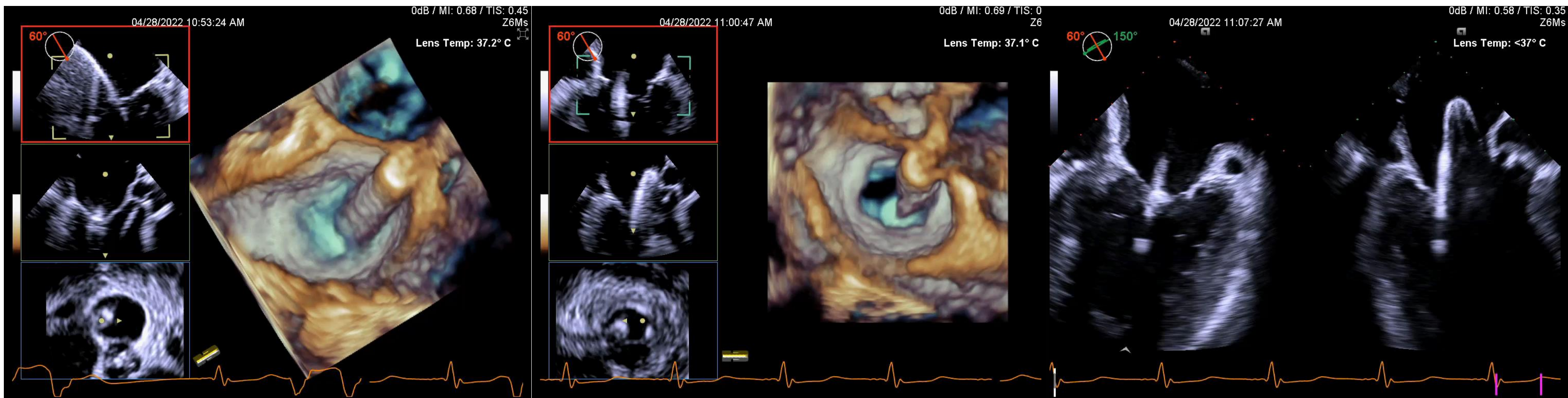


- **67 years old man**
- **Symptomatic Severe MR**
- **Calcified P2 prolapse**
- **LV EF 41%**
- **ESRD, on Dialysis**
- **PVD, Bilateral Aorto-Iliac Grafts**

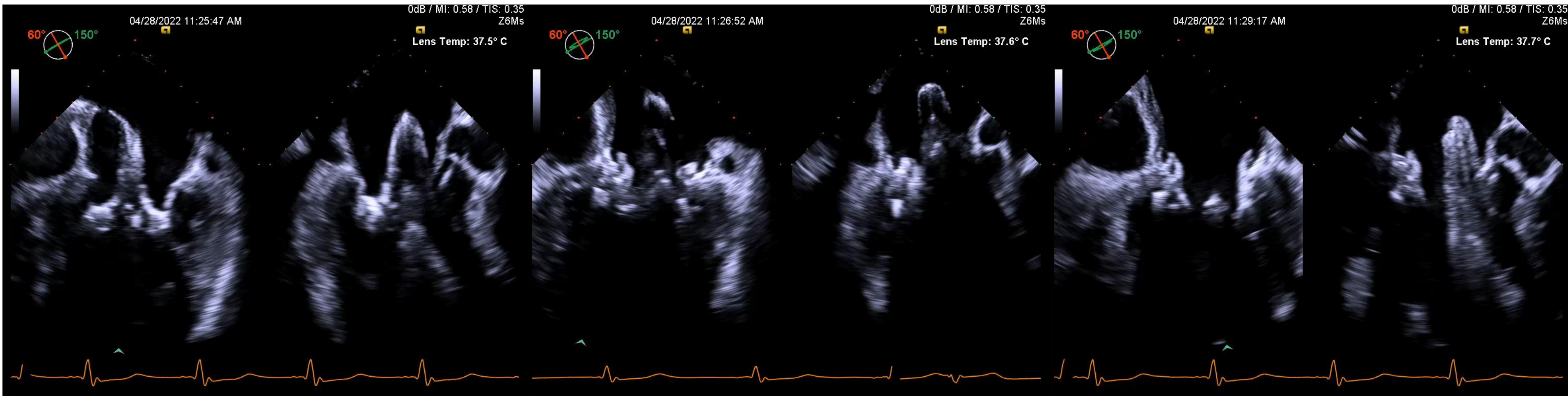


TF/TS TMVR

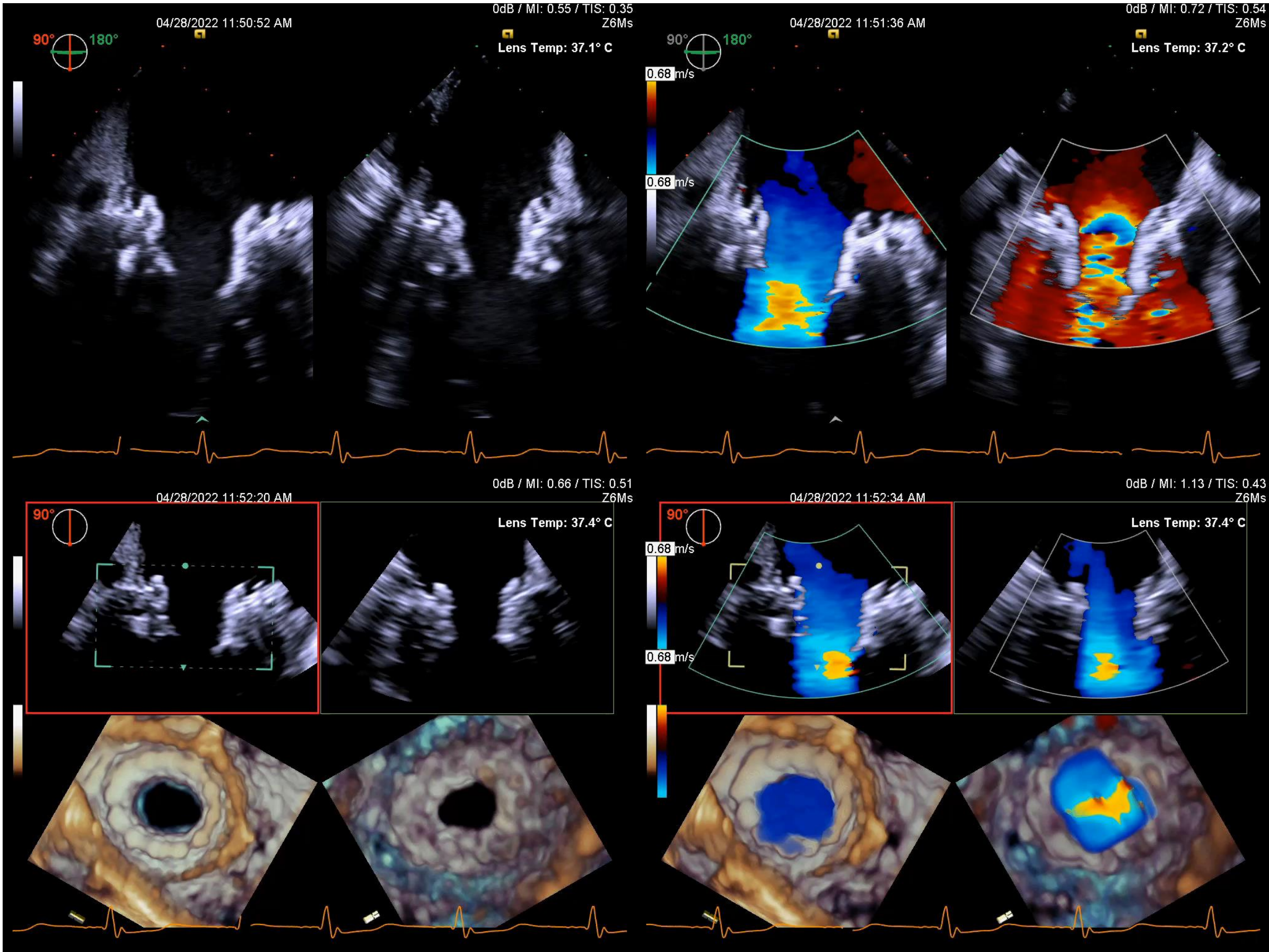
TF, TS TMVR (Cephea, Abbott)



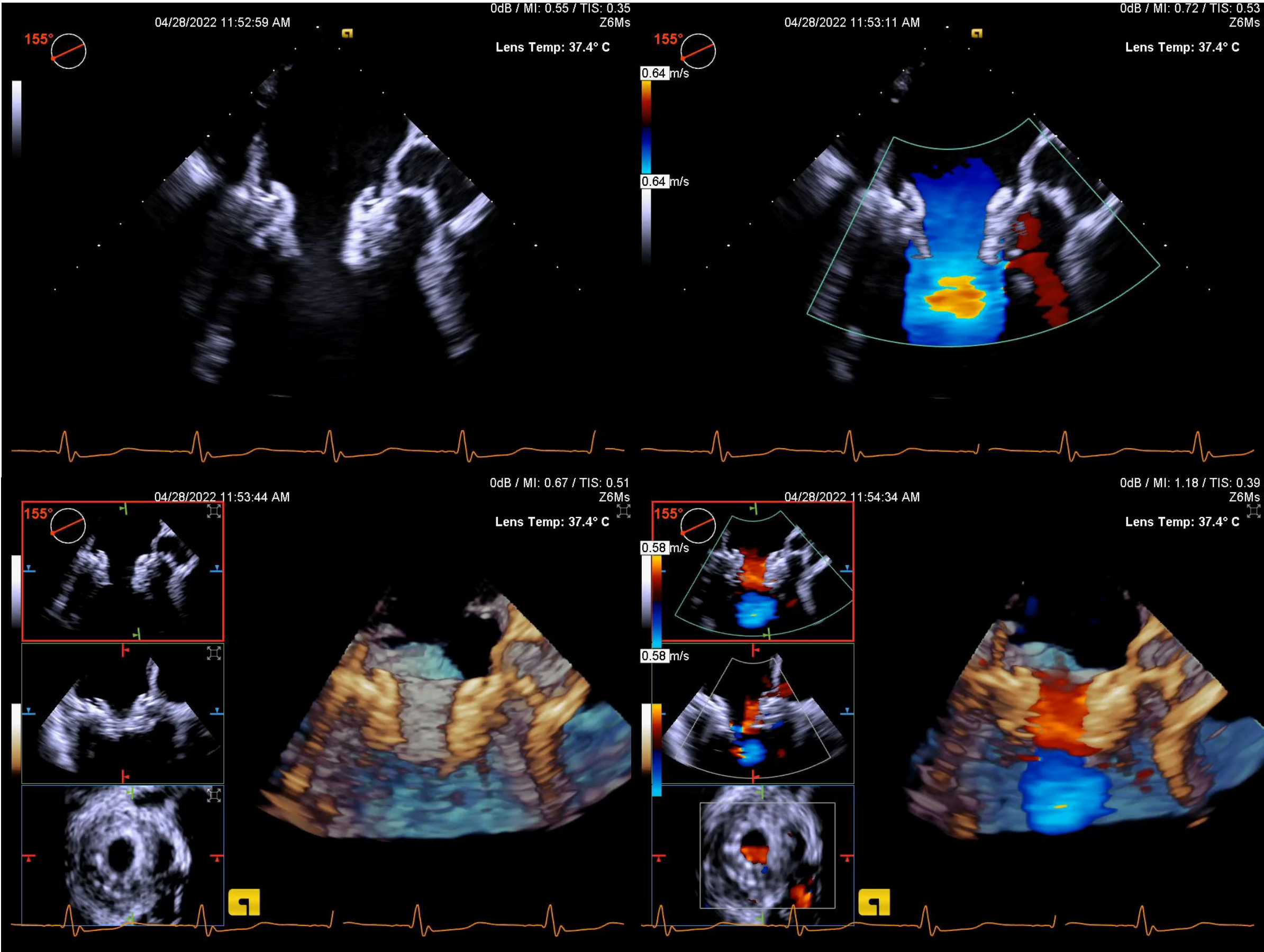
TF, TS TMVR (Cephea, Abbott)



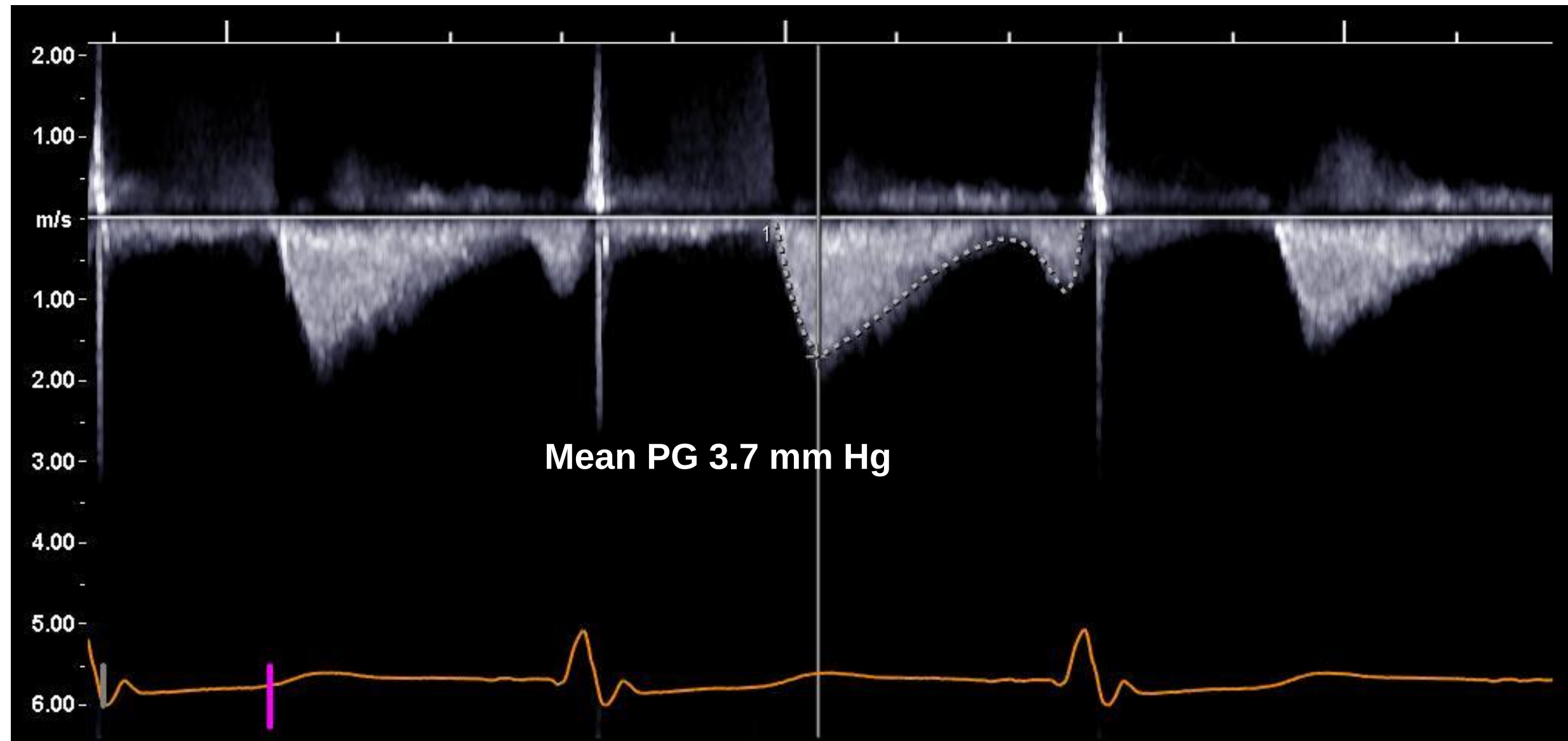
TF, TS TMVR (Cephea, Abbott)



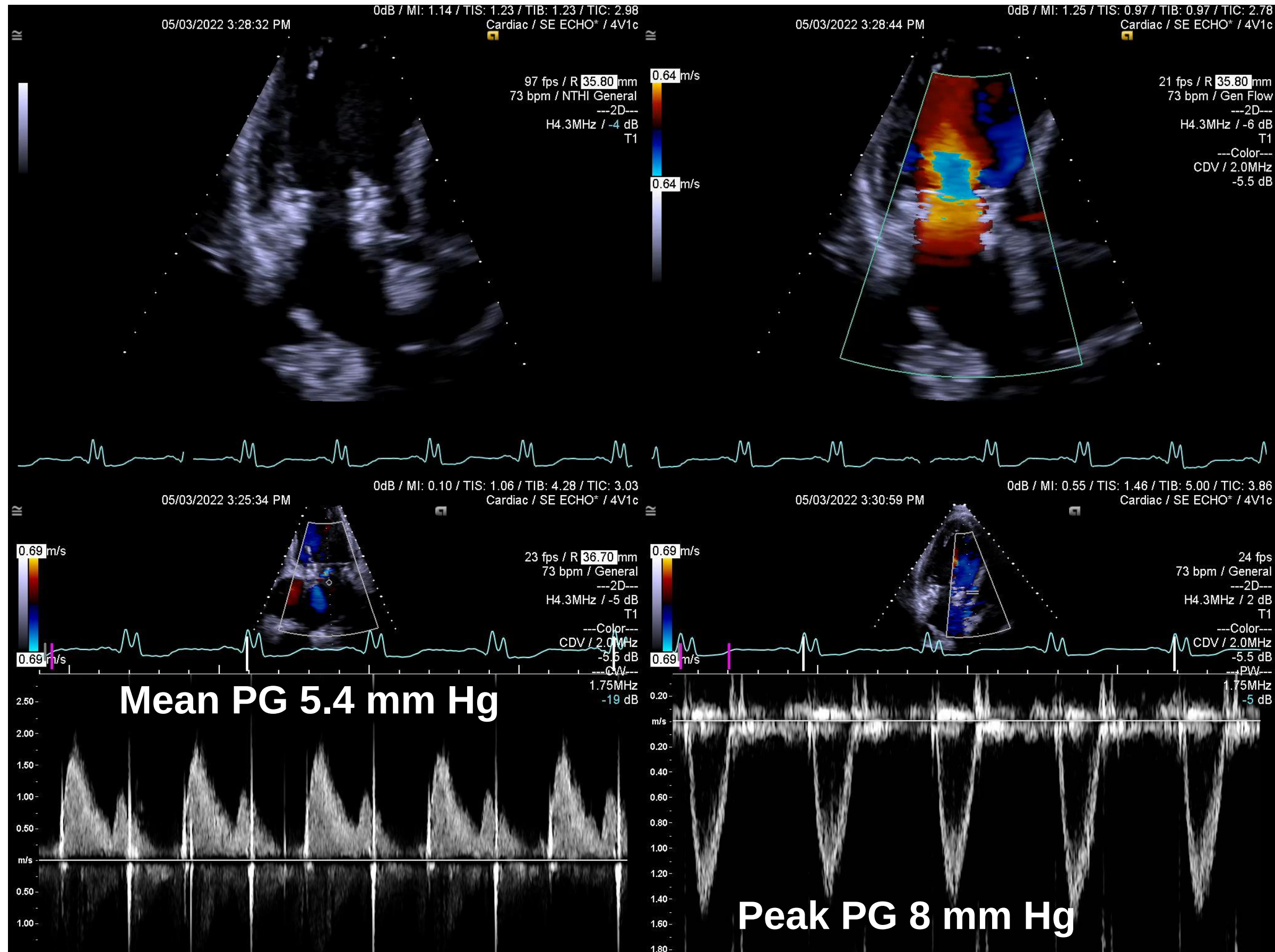
No LVOT Obstruction



Mitral Valve Gradient

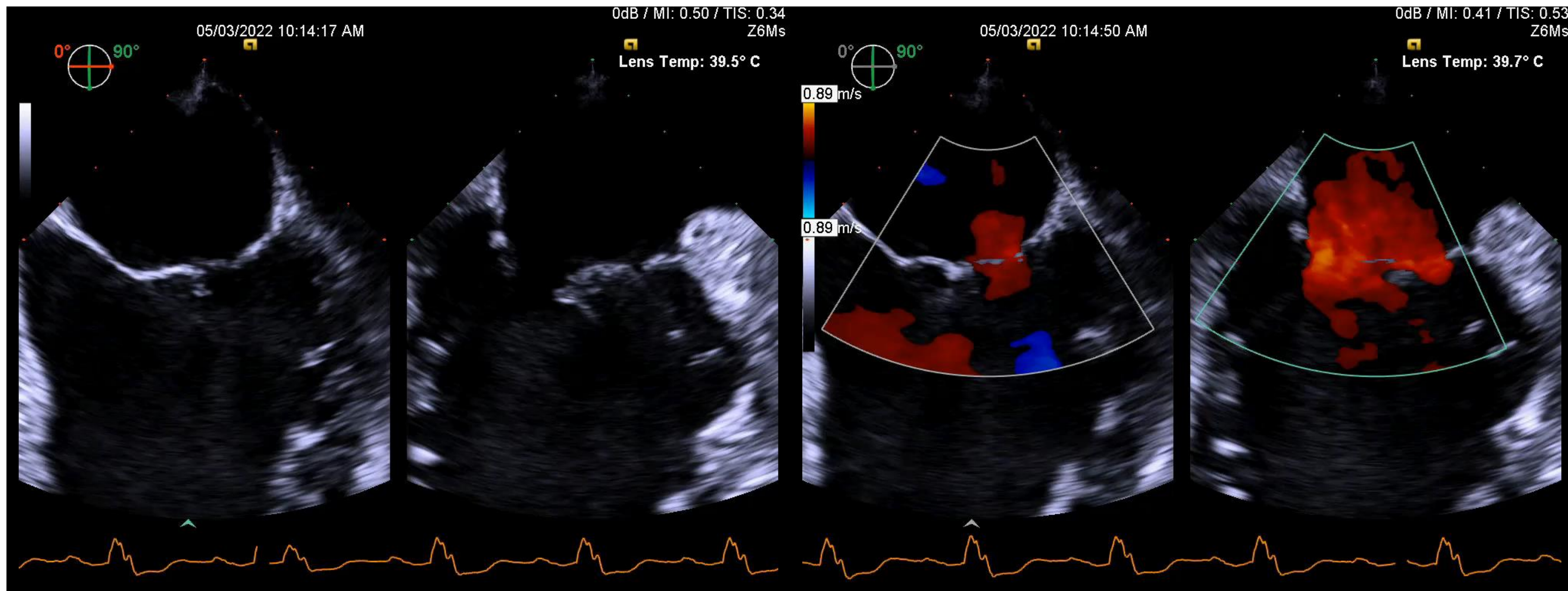


Discharge (5 Days Post) TTE

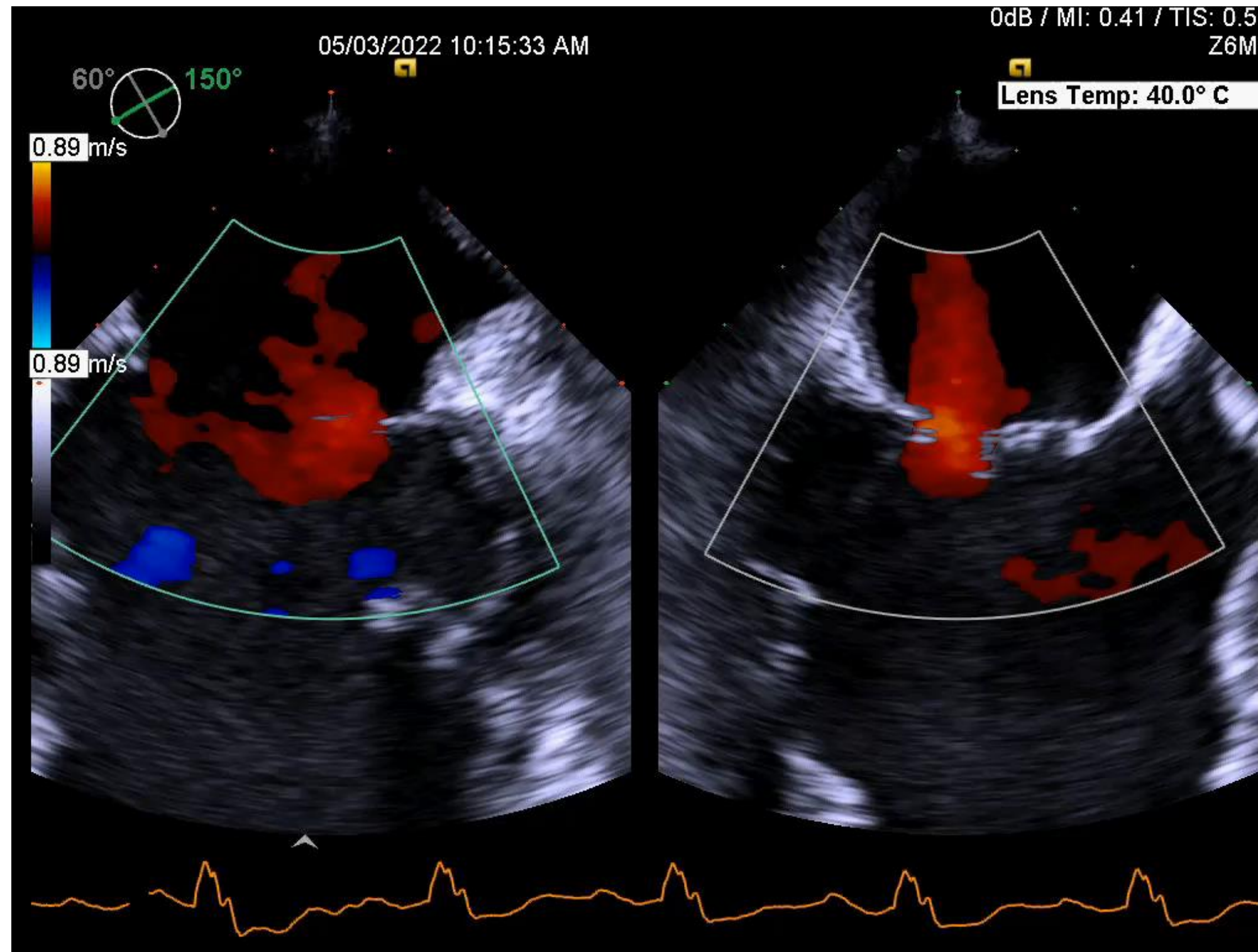


Case 2

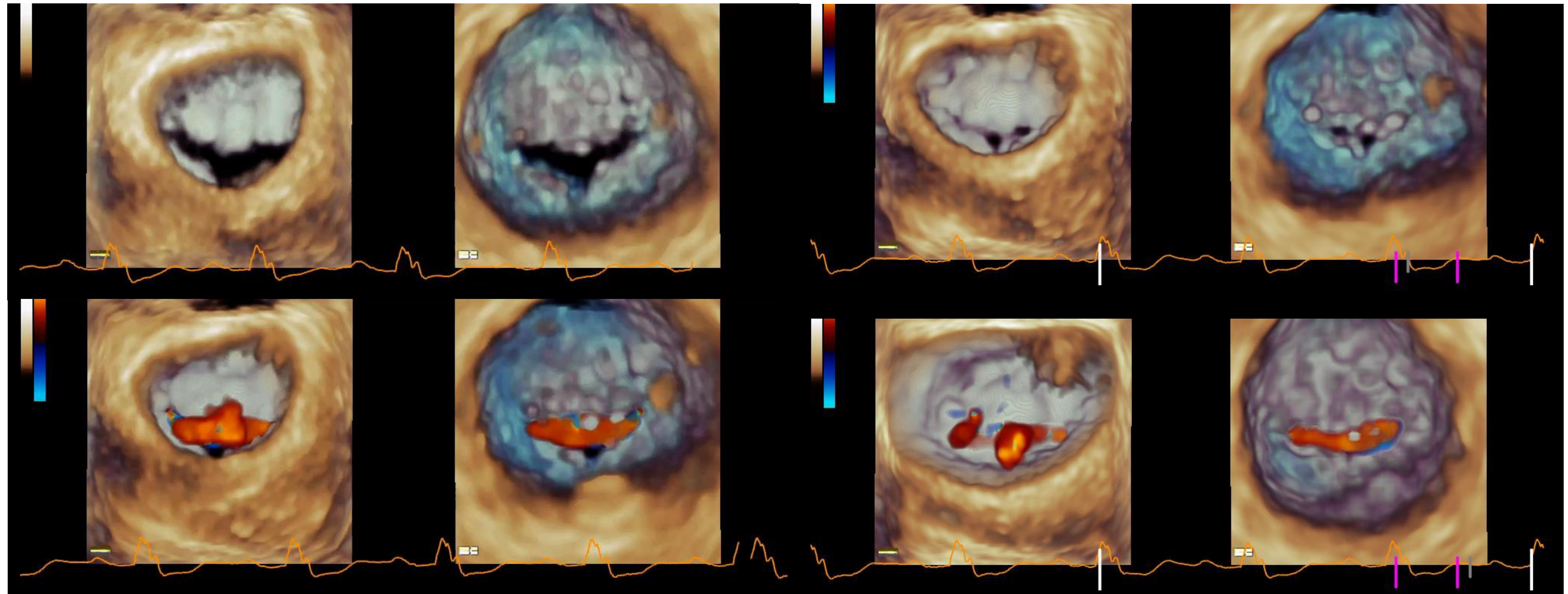
49 years old, Man, TEE for Mitral Regurgitation



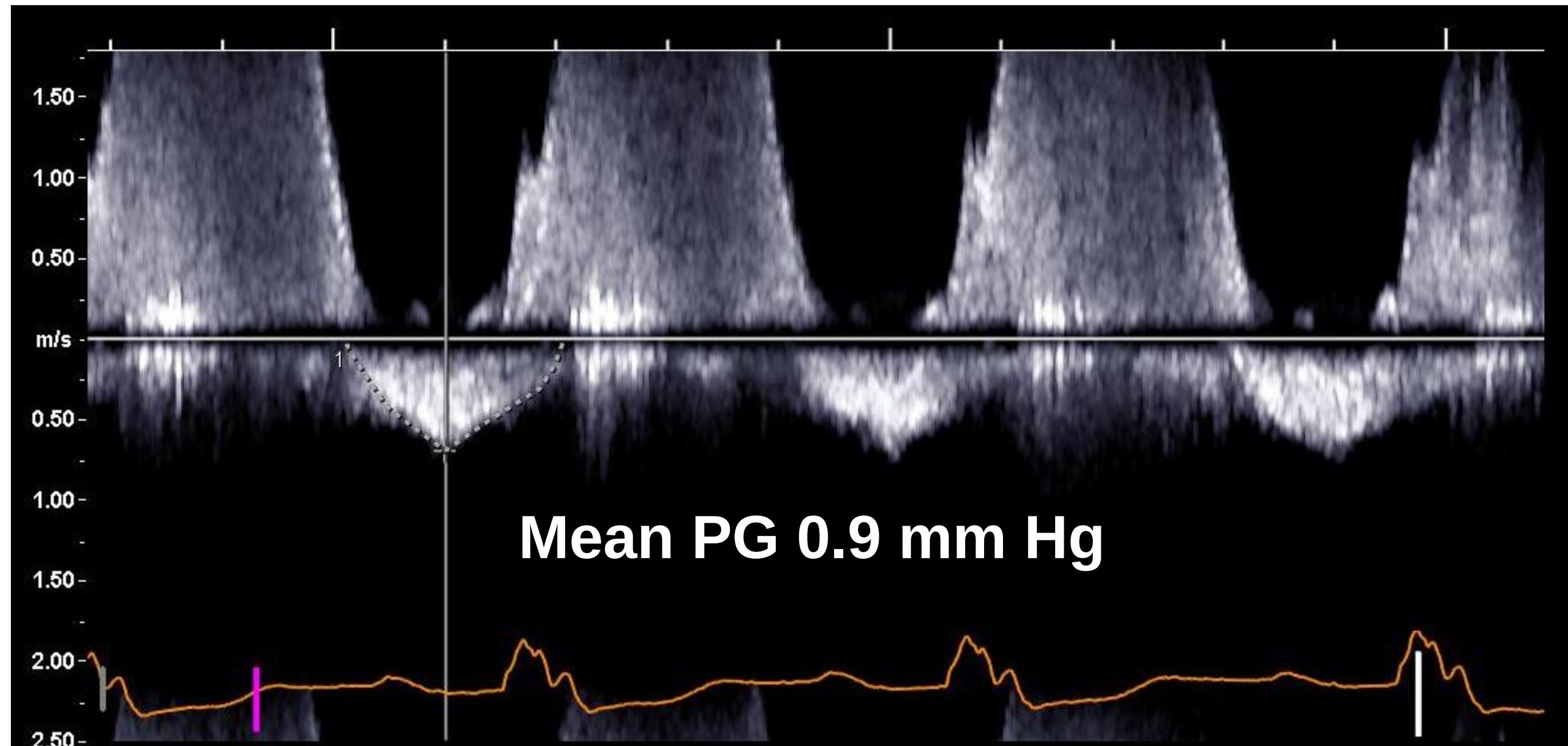
49 years old, Man, TEE for Mitral Regurgitation



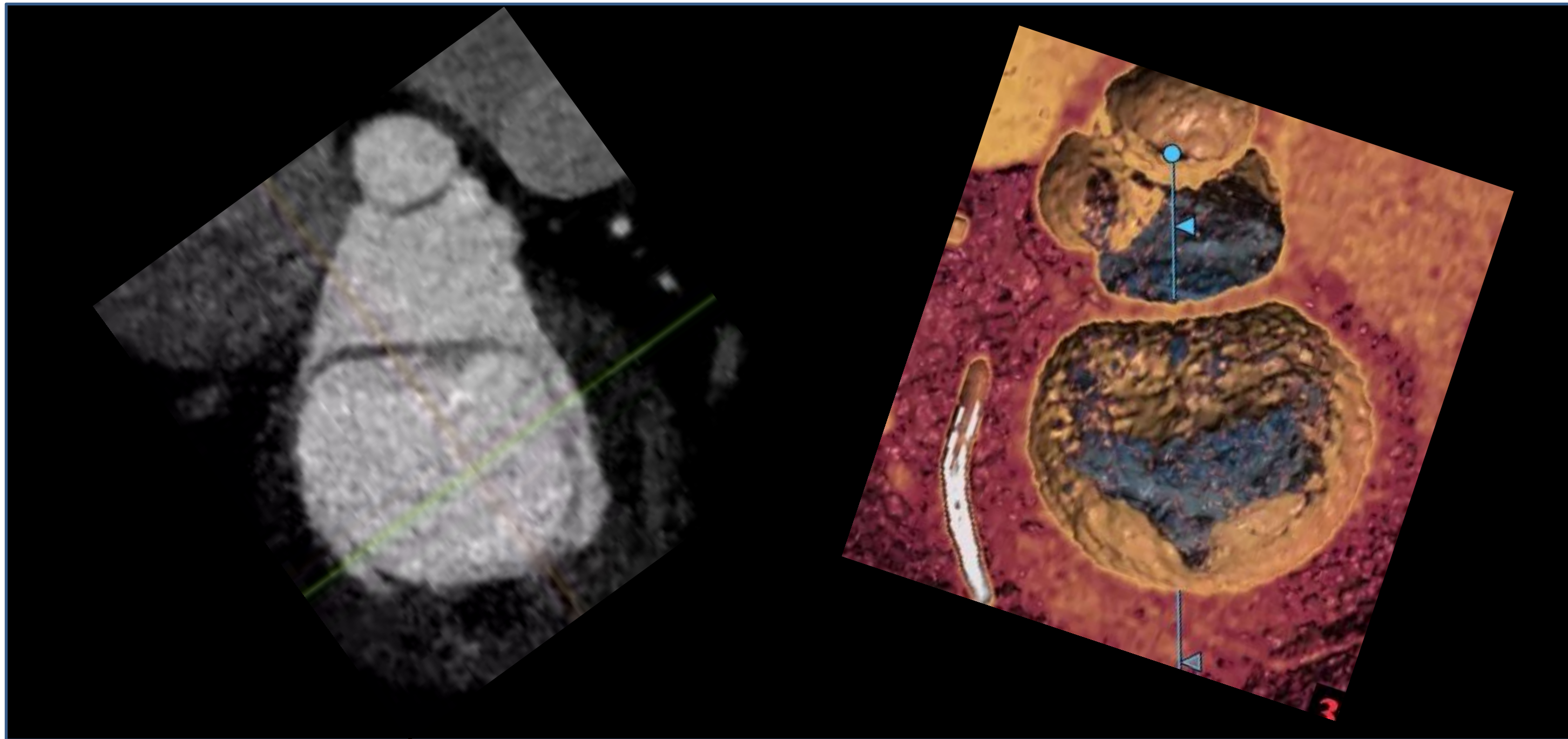
49 years old, Man, TEE for Mitral Regurgitation



Mitral Valve Gradient



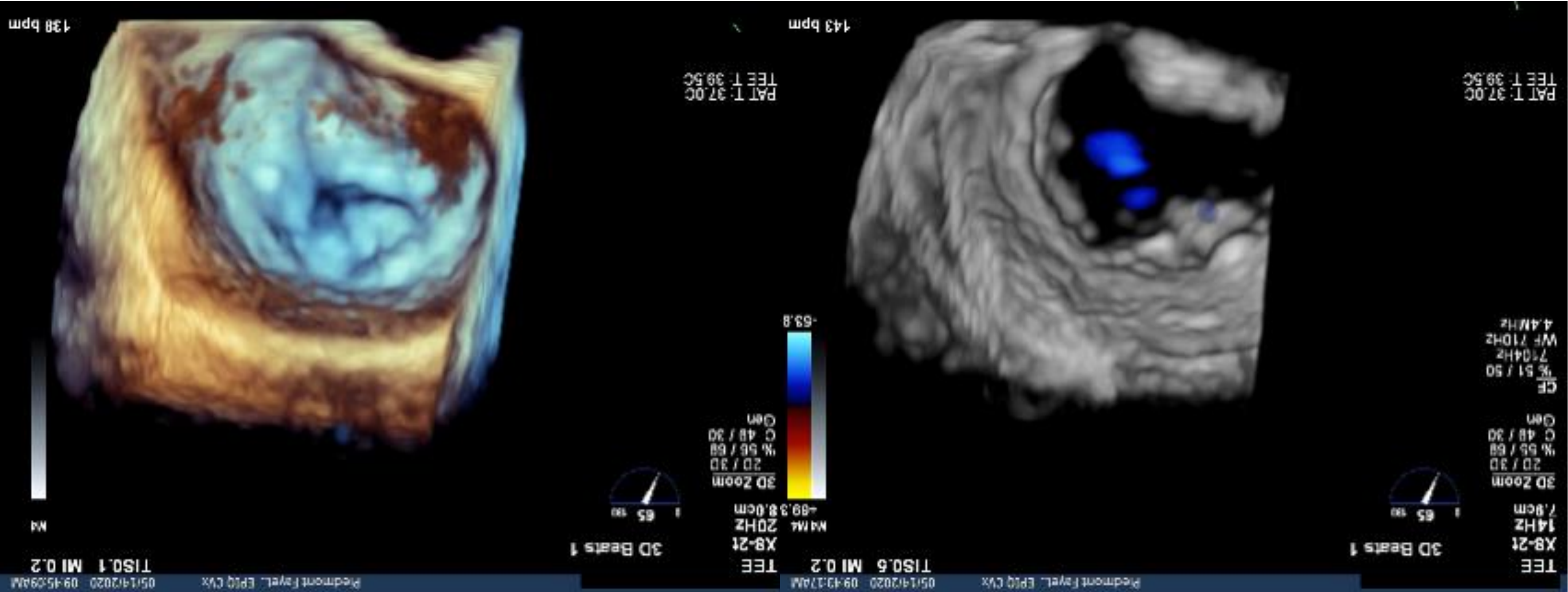
49 years old, Man, CT for Mitral Regurgitation



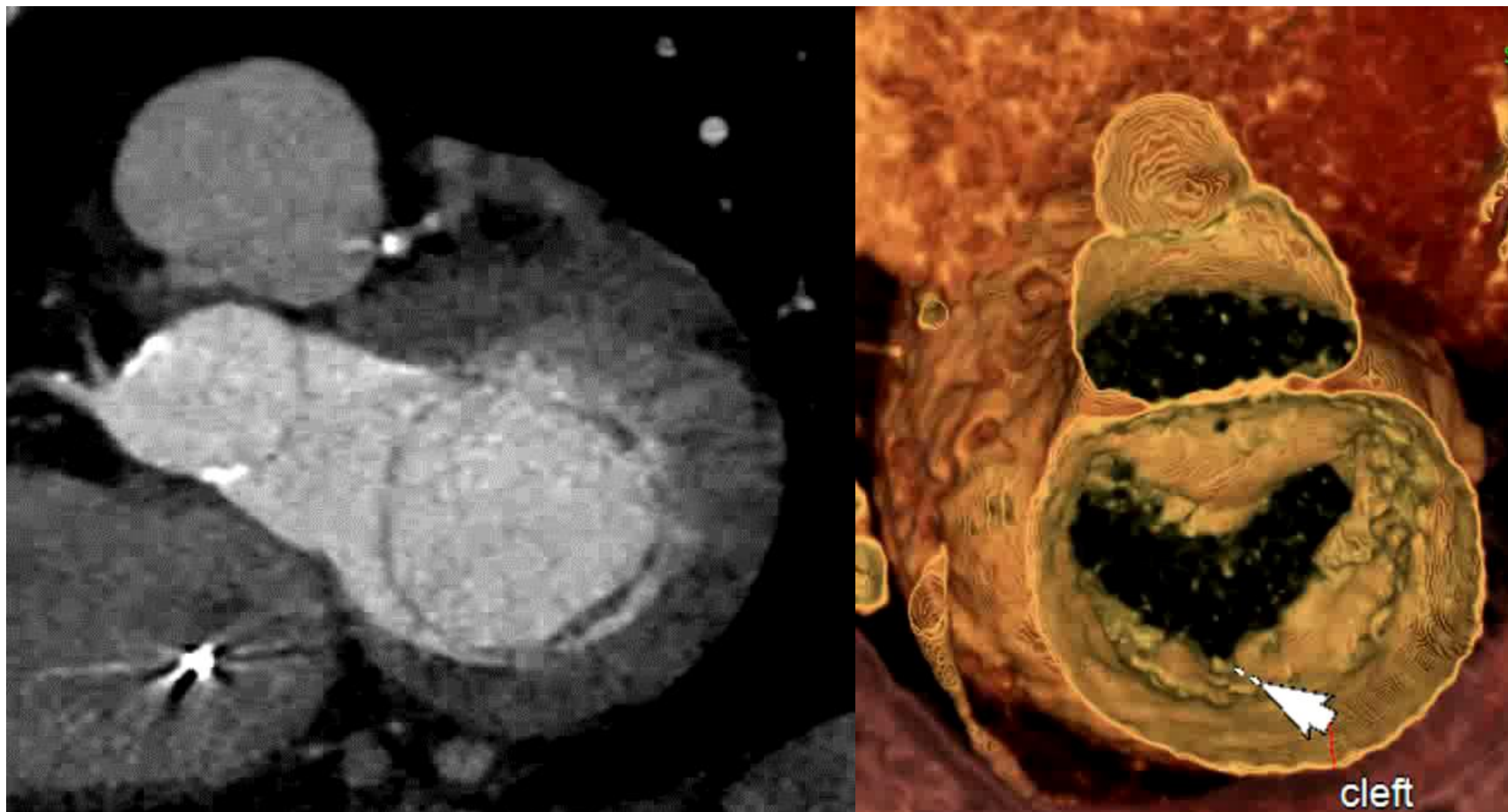
78 years old, Man, TEE for Mitral Regurgitation



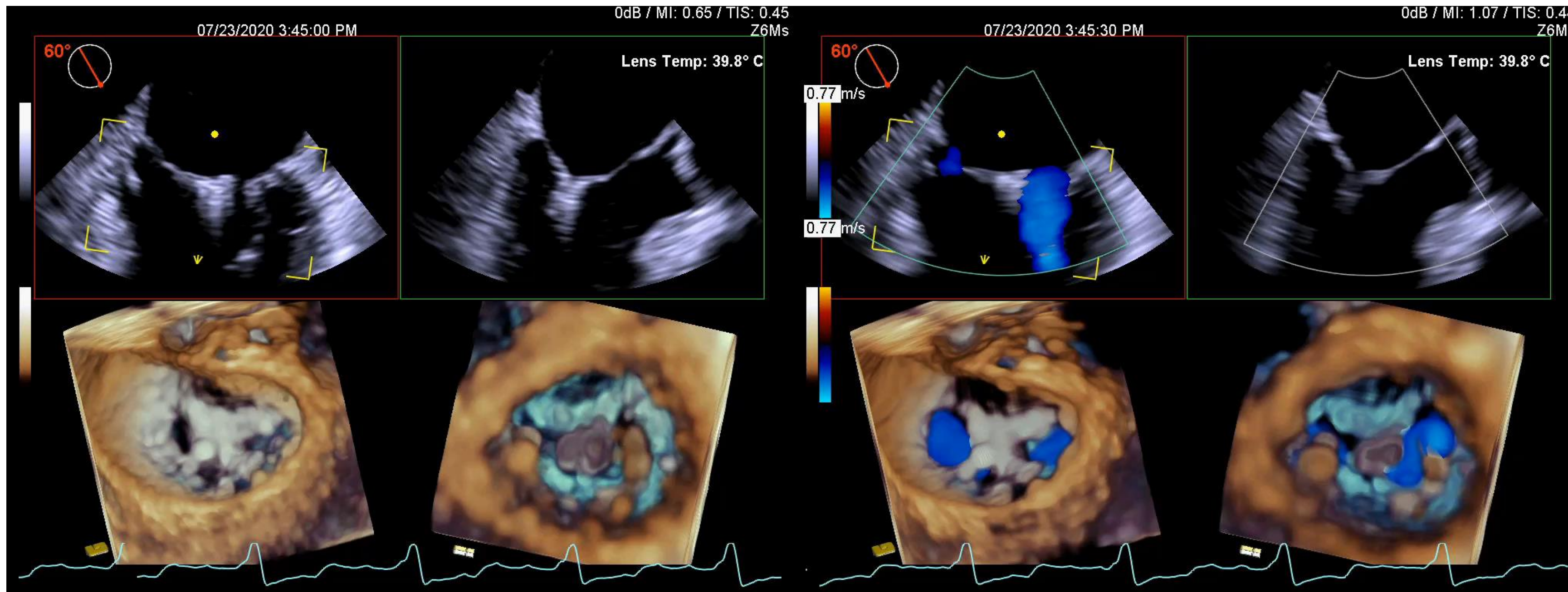
78 years old, Man, TEE for Mitral Regurgitation



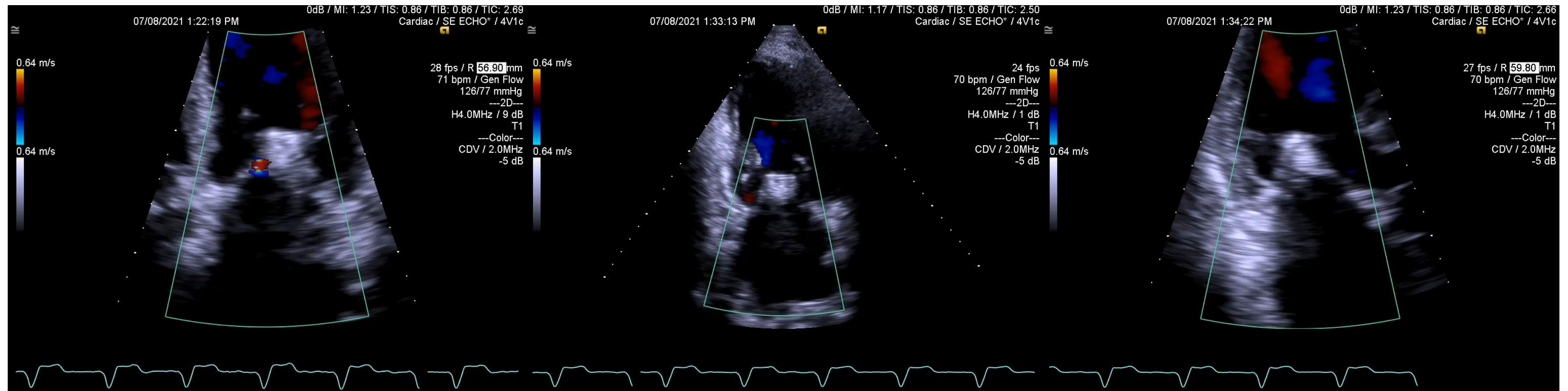
78 years old, Man, CT for Mitral Regurgitation



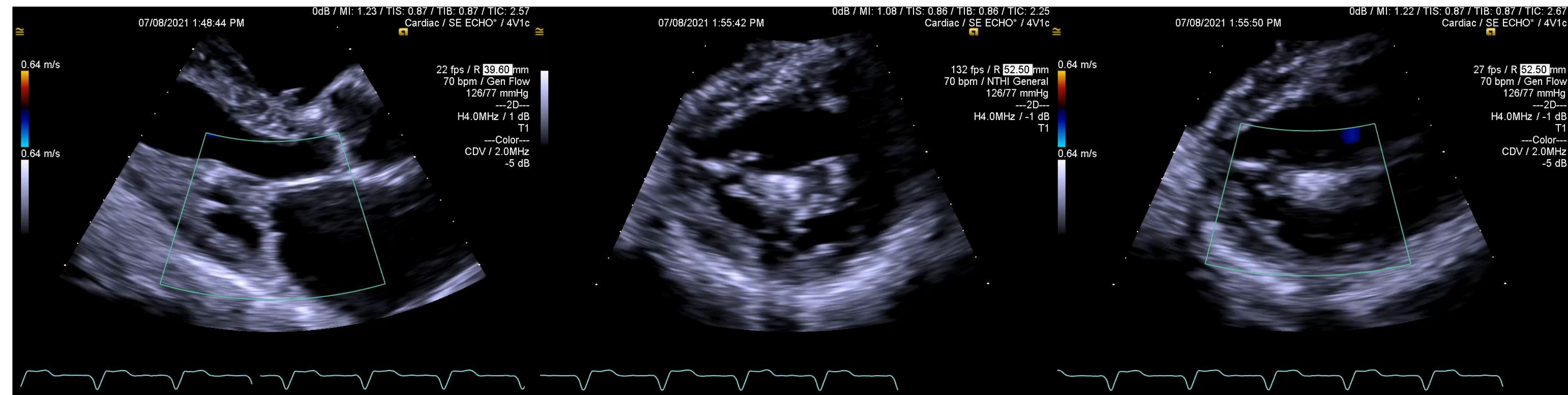
78 years old, Man, TEER for MR (x2 MitraClips)



78 years old, Man, TEER for MR, 1-Year Follow-up



78 years old, Man, TEER for MR, 1-Year Follow-up



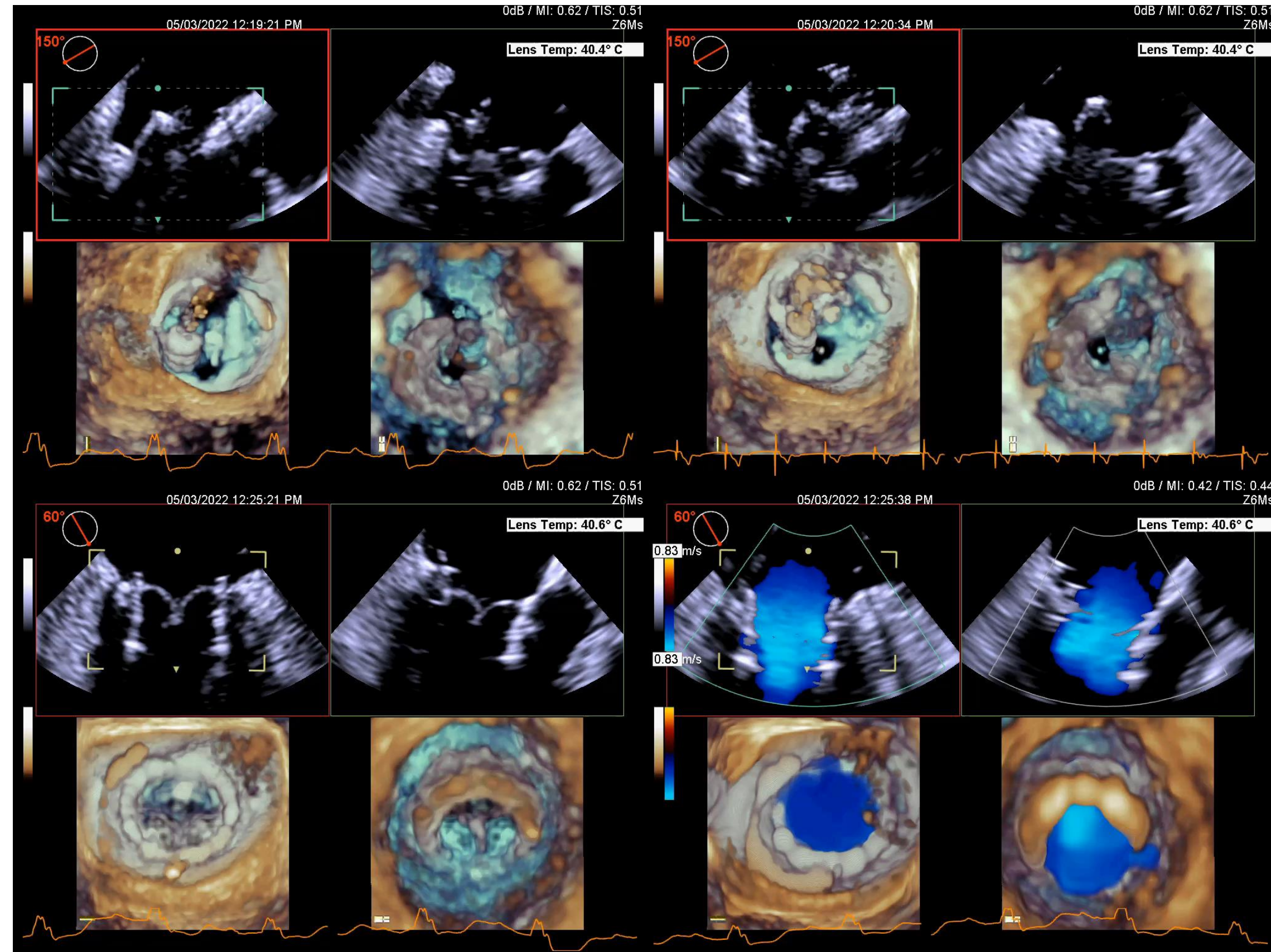
- **49 years old man**
- **Severe FMR, Cleft P2**
- **LV EF 20-25%**
- **STEMI (DES to LCx and Thrombectomy)**
- **NSTEMI, No Targets for CABG**
- **4 HF Hospitalizations in 4 Months, on GDMT**

- **Surgical Feasibility?**
- **Surgical Risk**
- **TEER Feasibility**

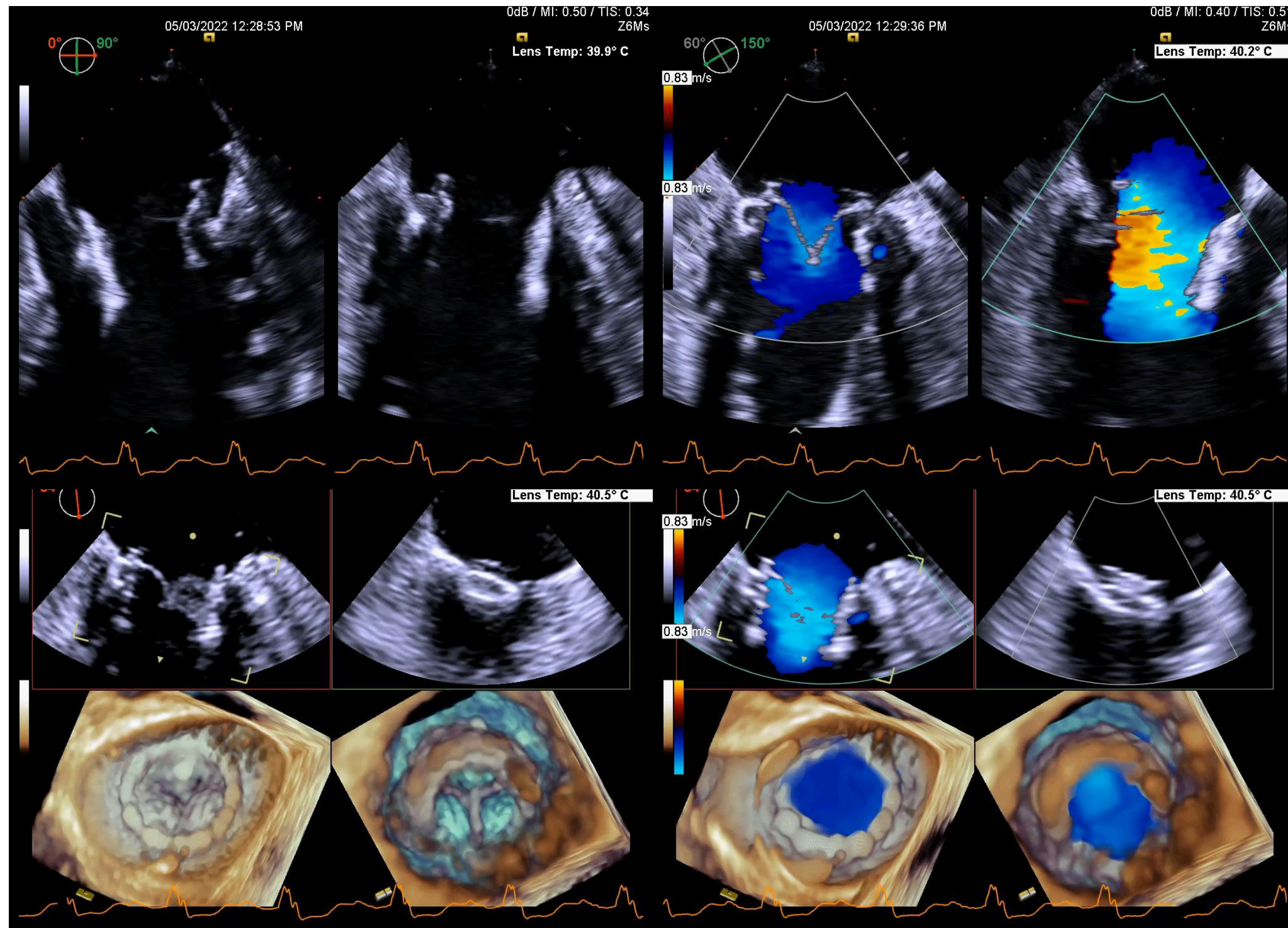


TF/TS TMVR

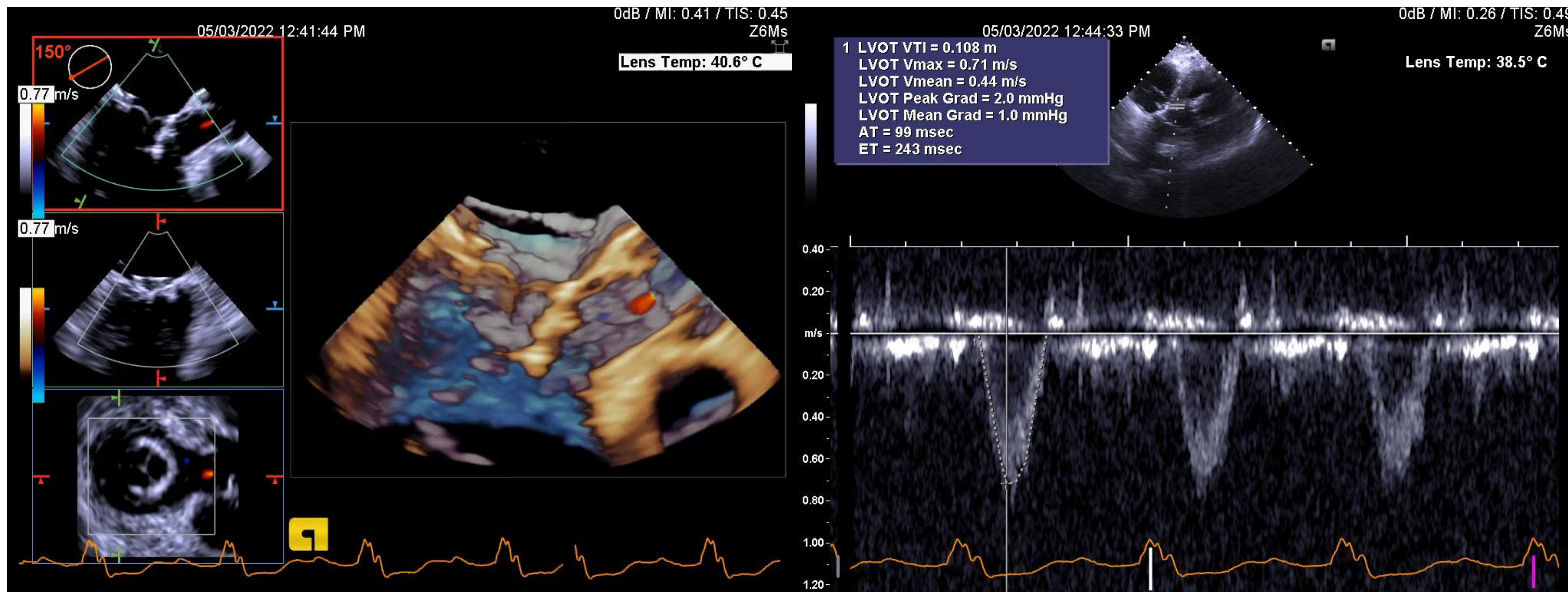
TF, TS TMVR (M3/ENCIRCLE, Edwards)



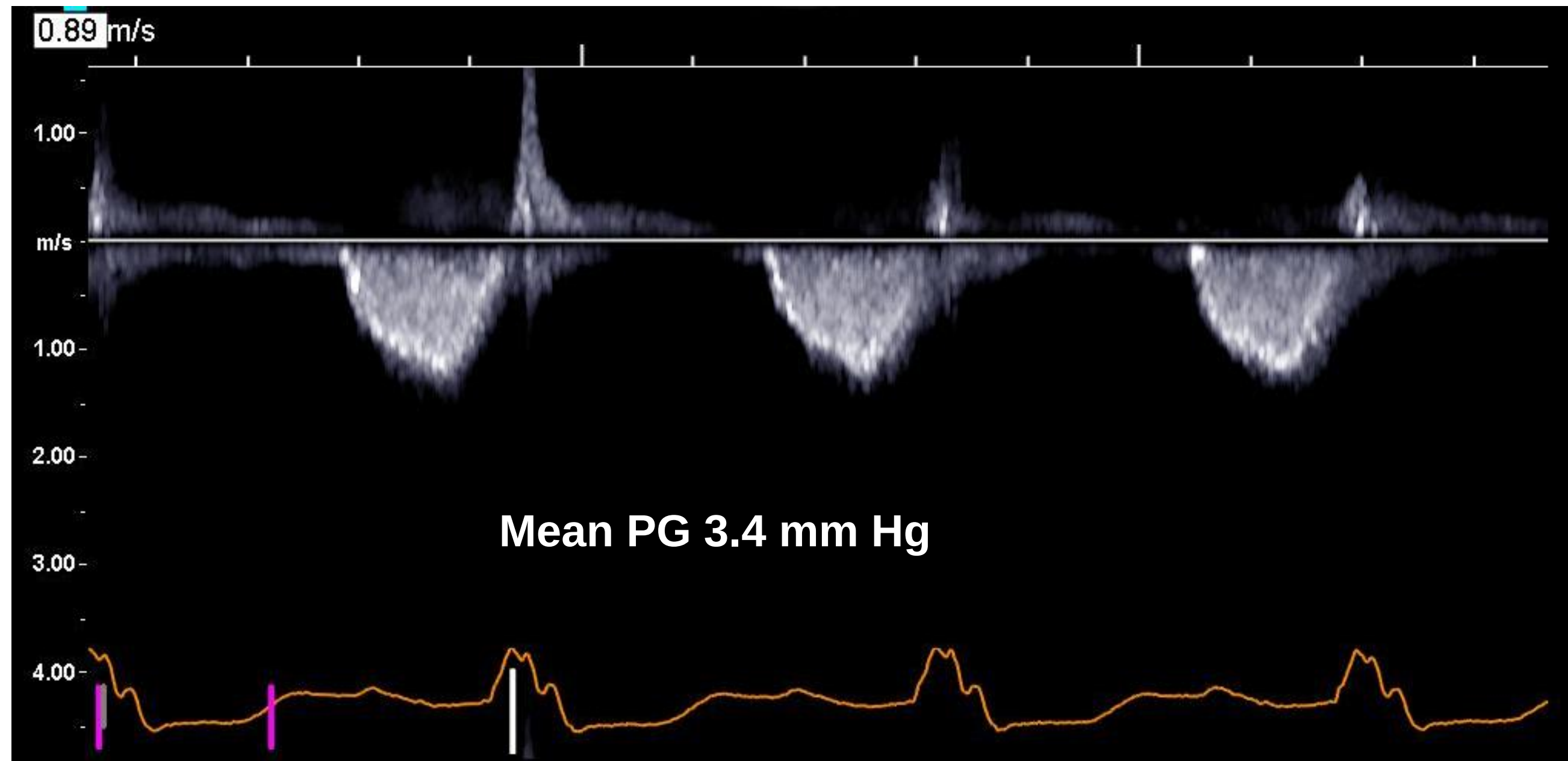
Trace PVL, No TVL



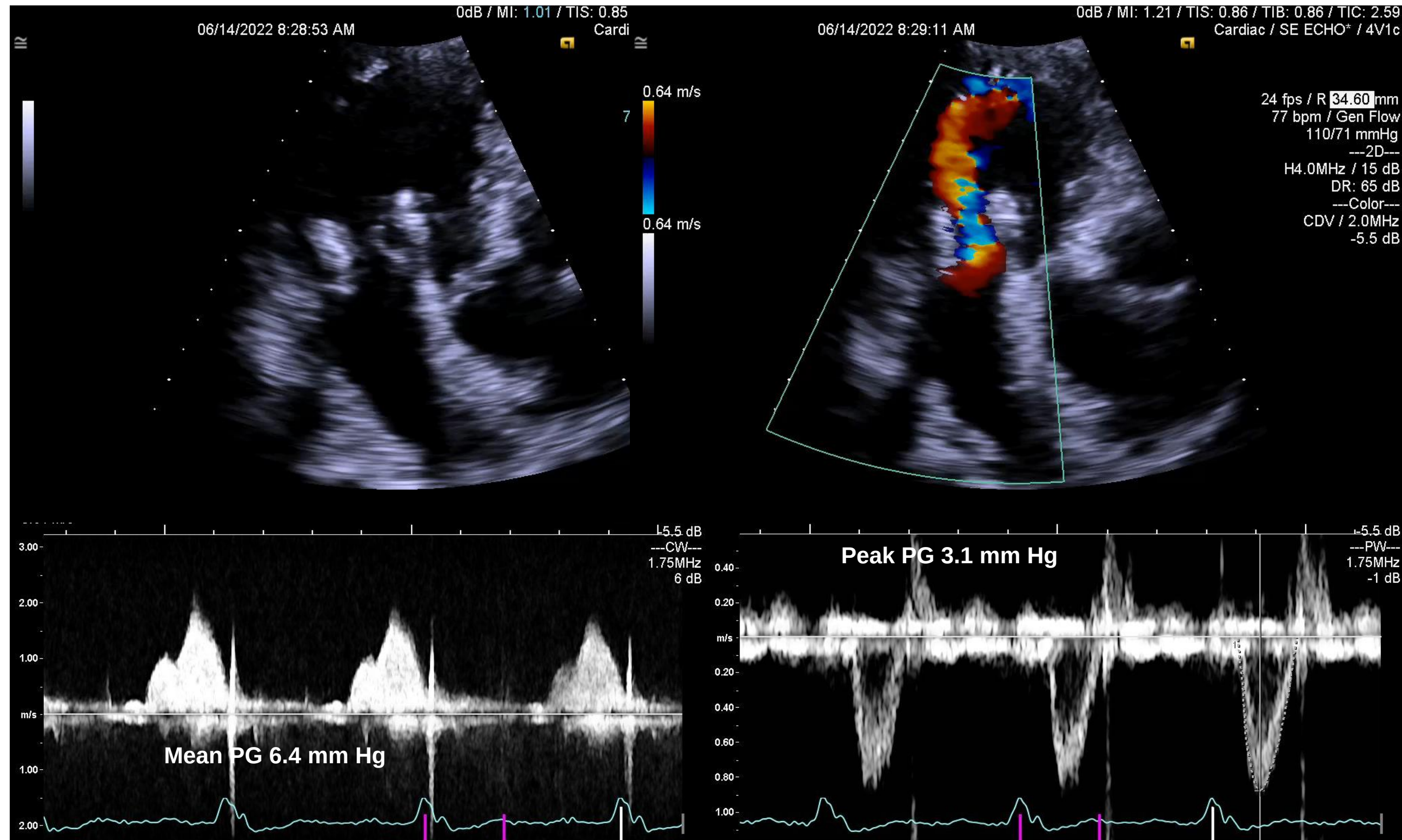
No LVOT Obstruction



Mitral Valve Gradient



~ 6 Weeks Post) TTE





Thank You