

Precarious Strain Case

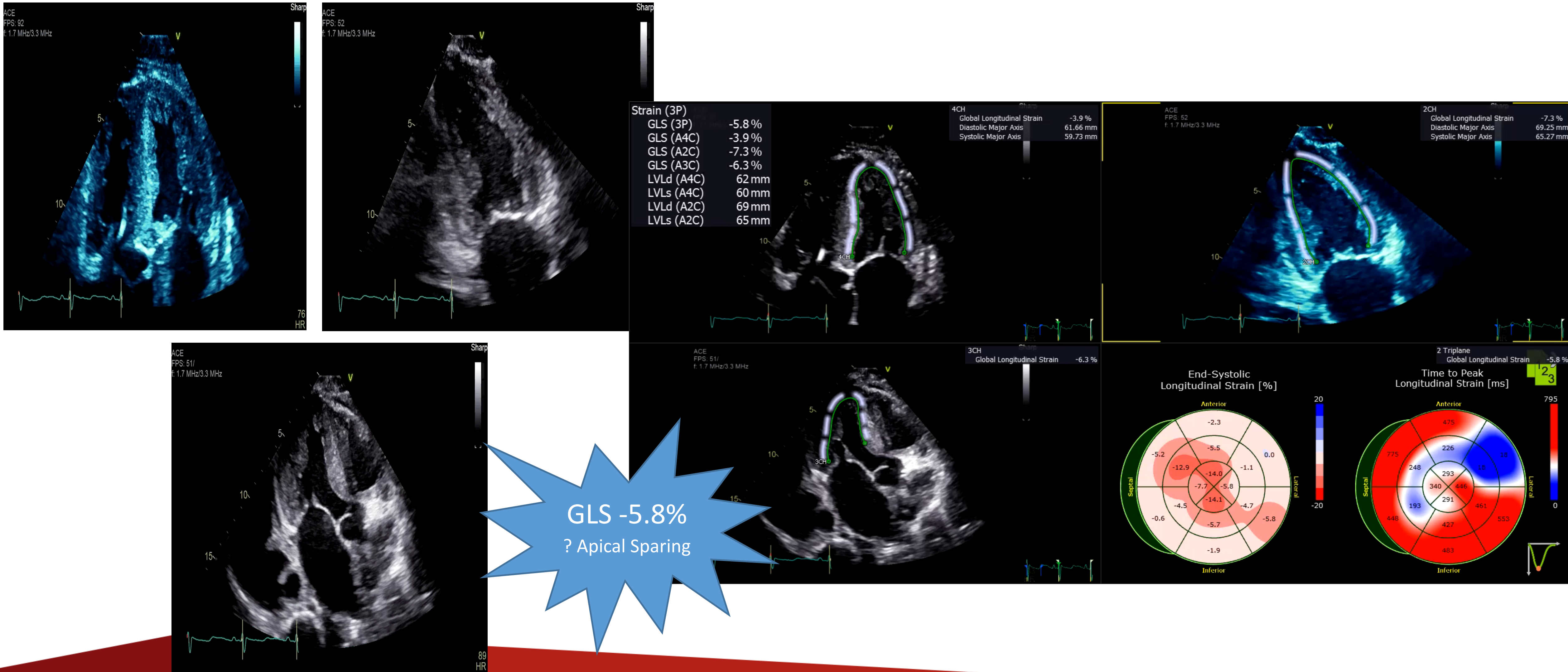
Madeline Jankowski, ACS, RDCS, FASE



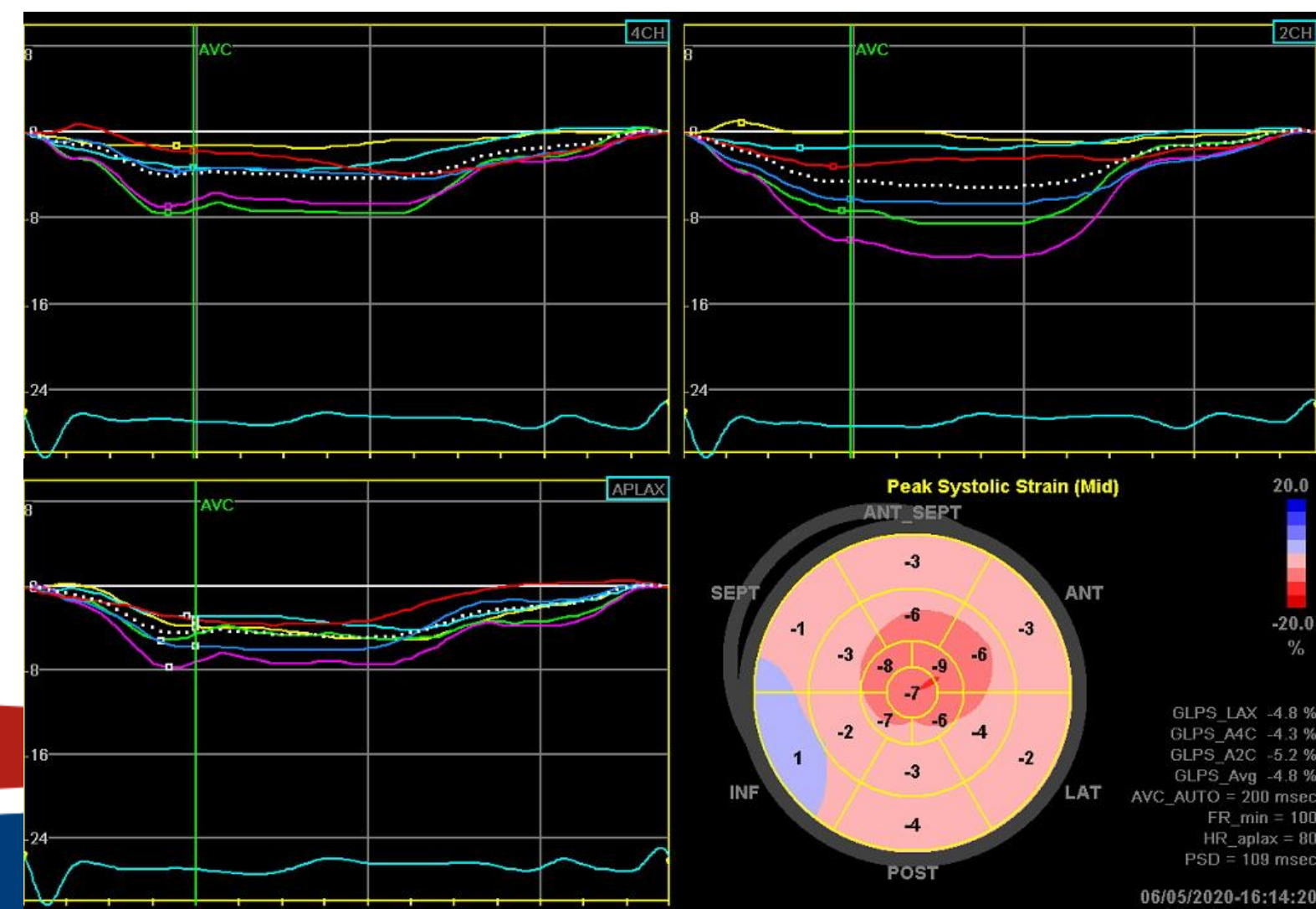
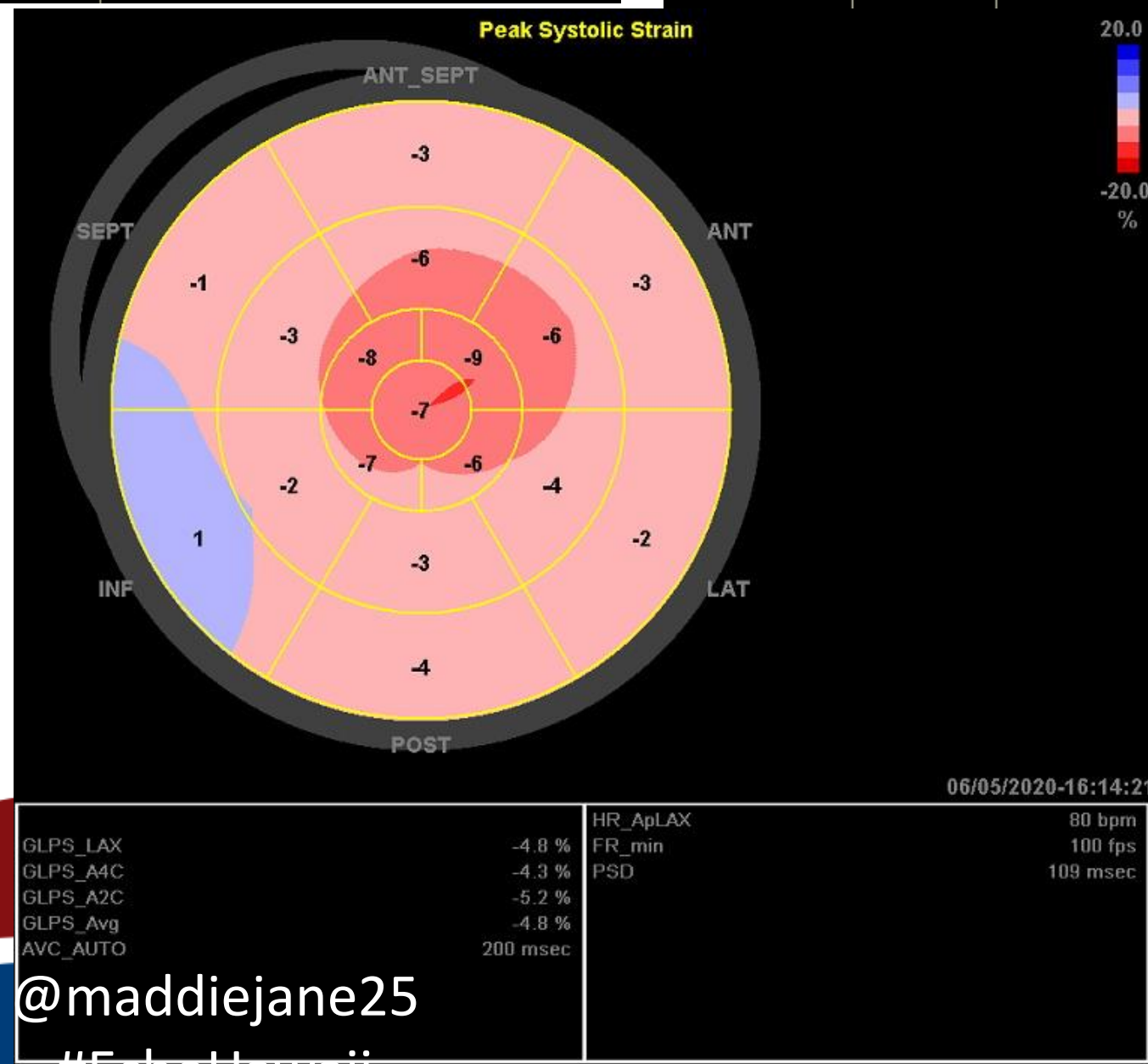
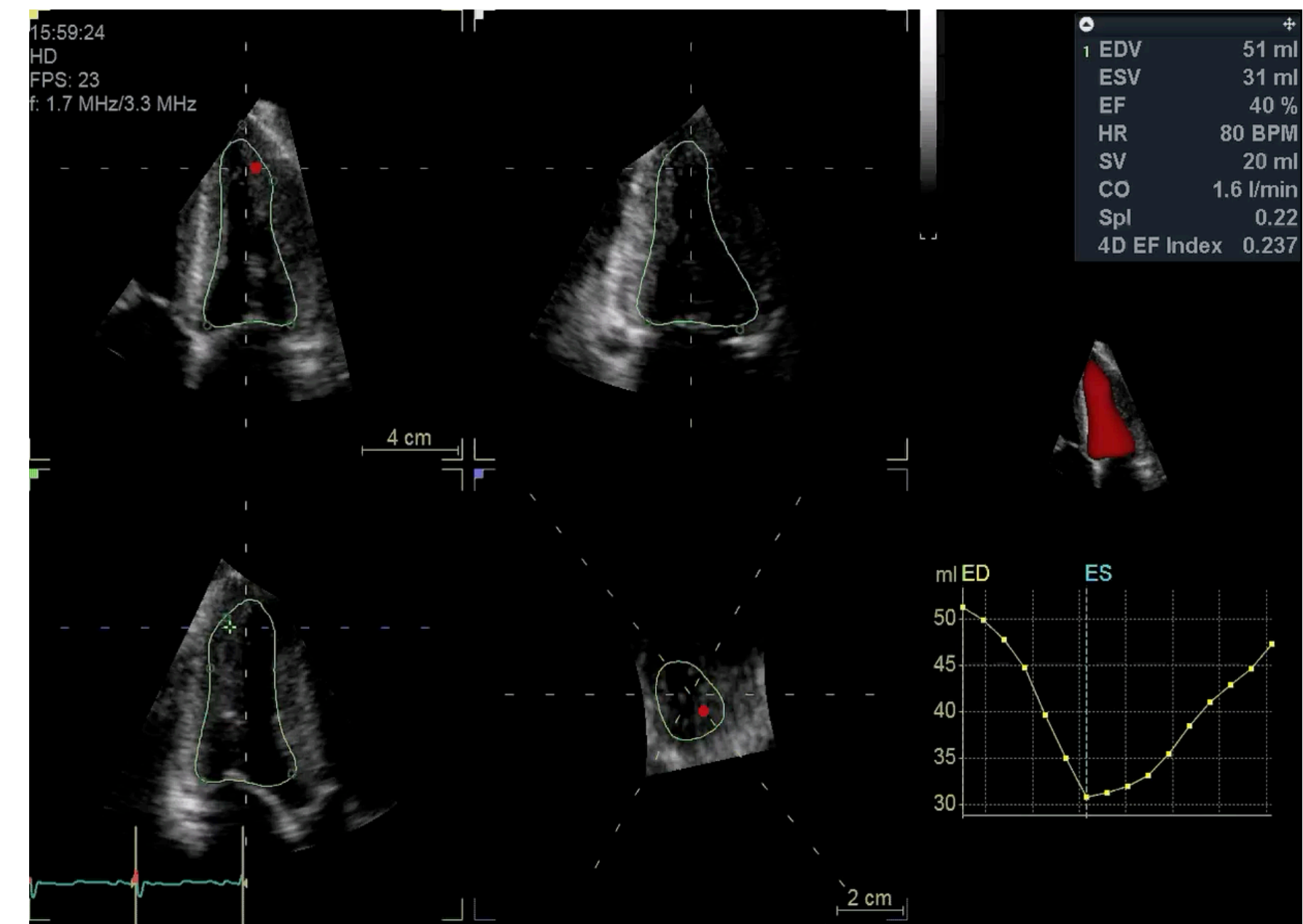
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Case 1 - Strain imaging in patients with increased wall thickness



What's different about these images?



GLS -4.8%
Definite Apical Sparing
Strain ratio 2.5

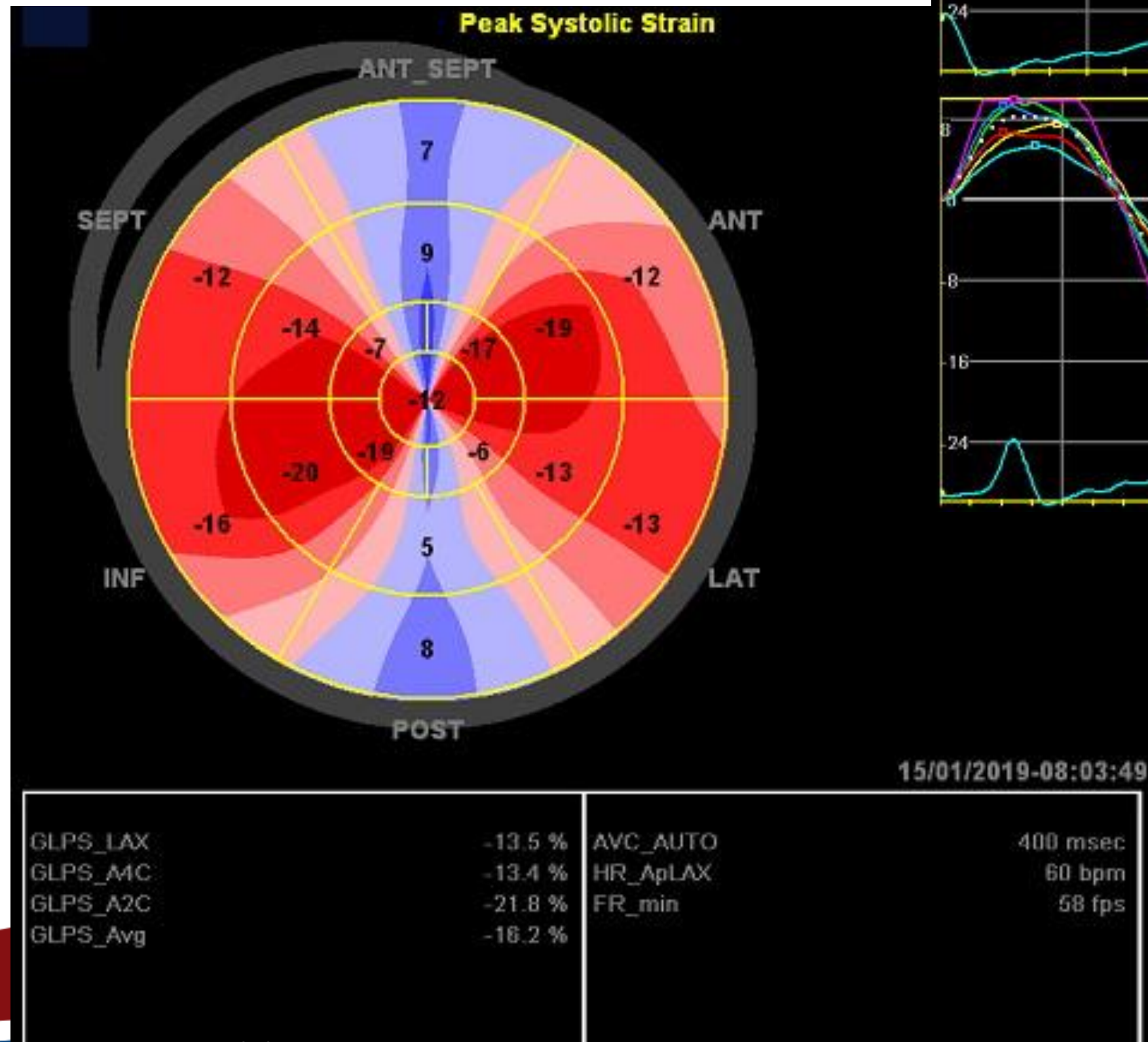
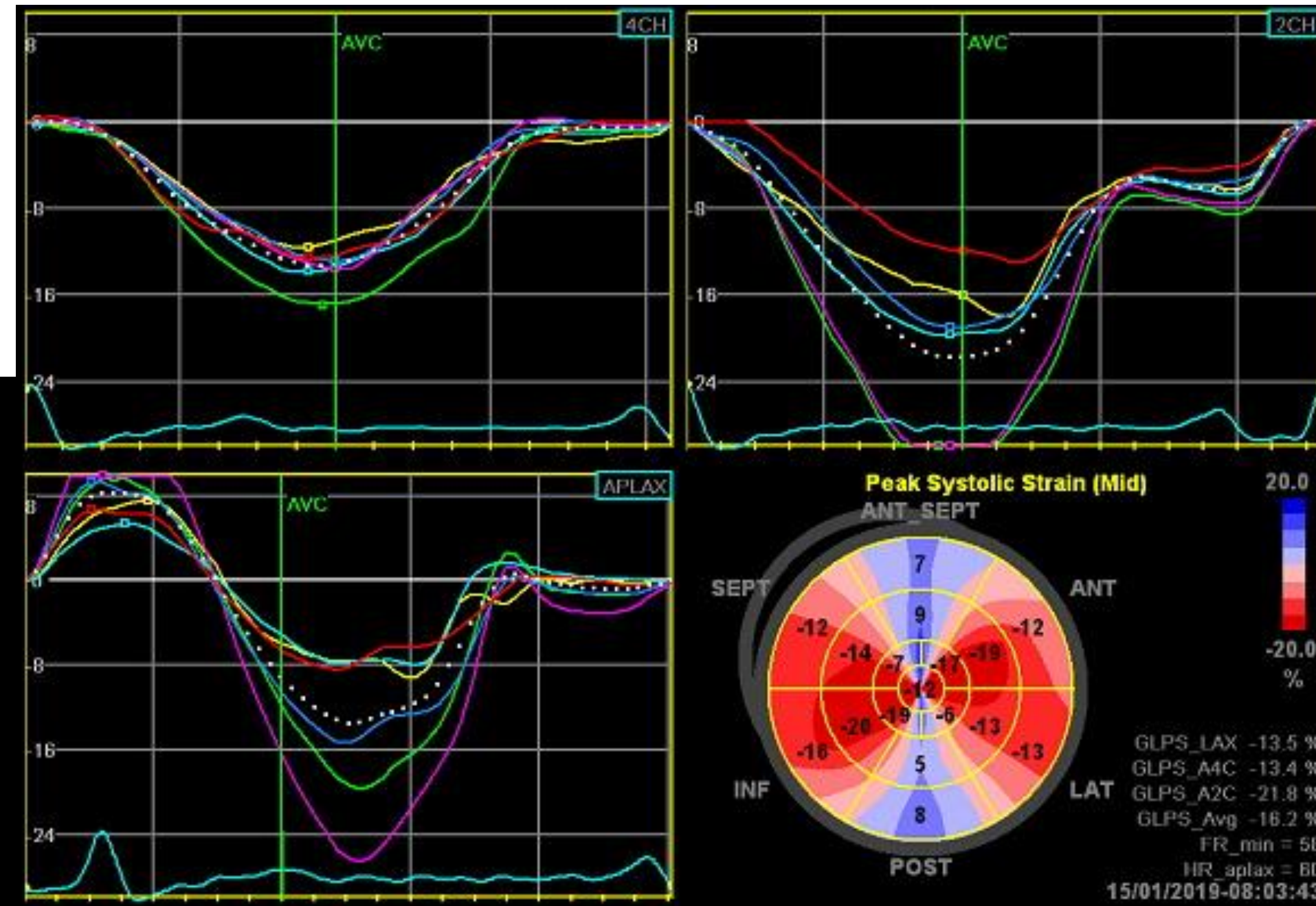


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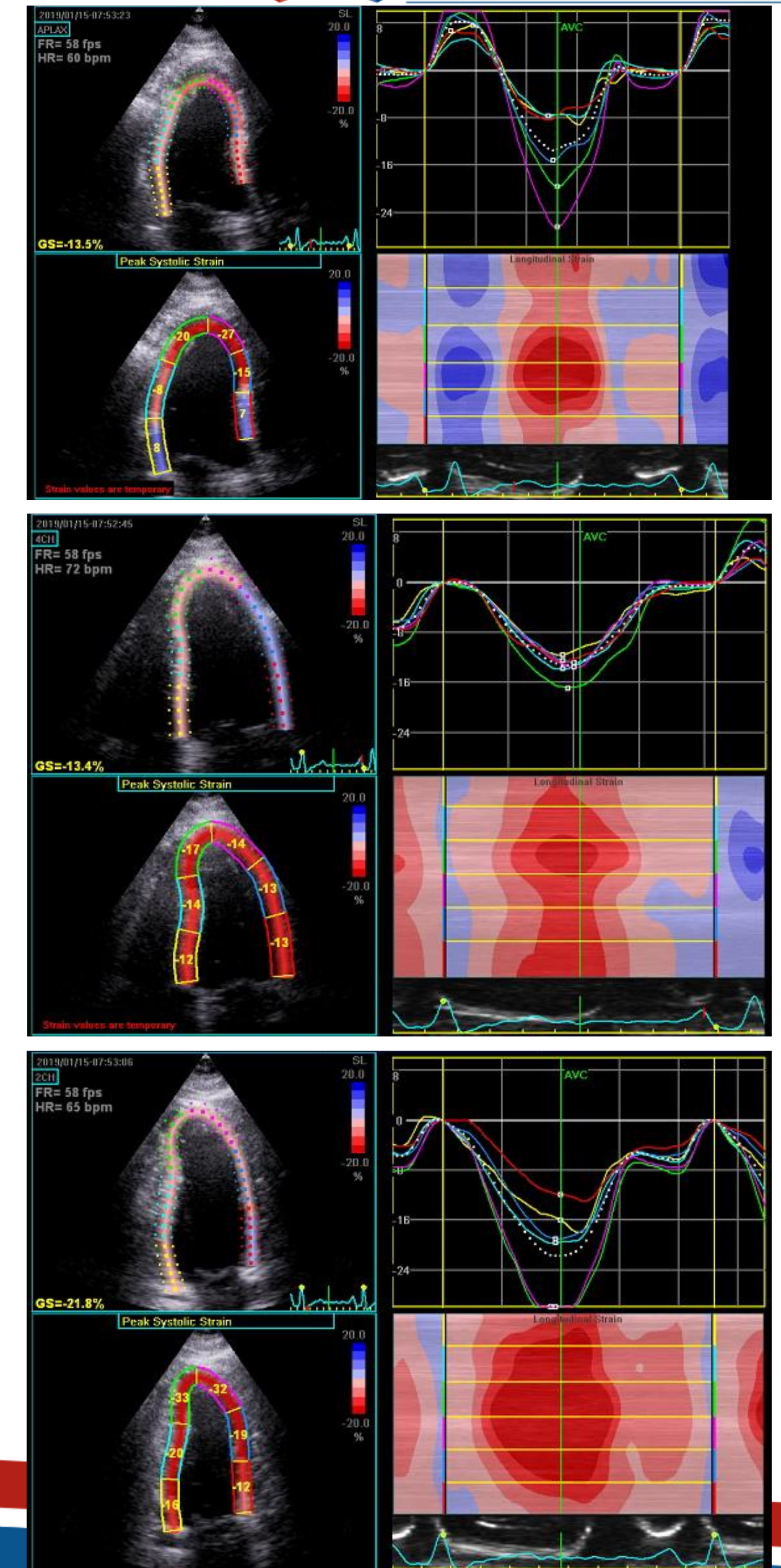
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Case 2

50 year old male with history of hypertension

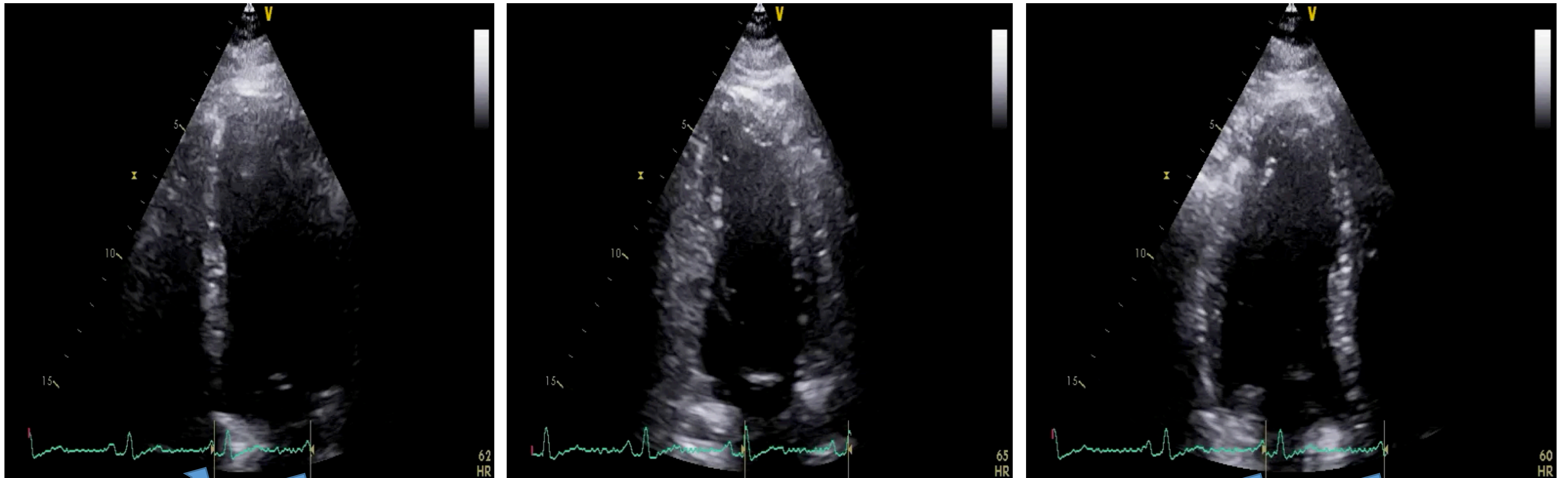


GLS -16.2%



Case 2

50 year old male with history of hypertension

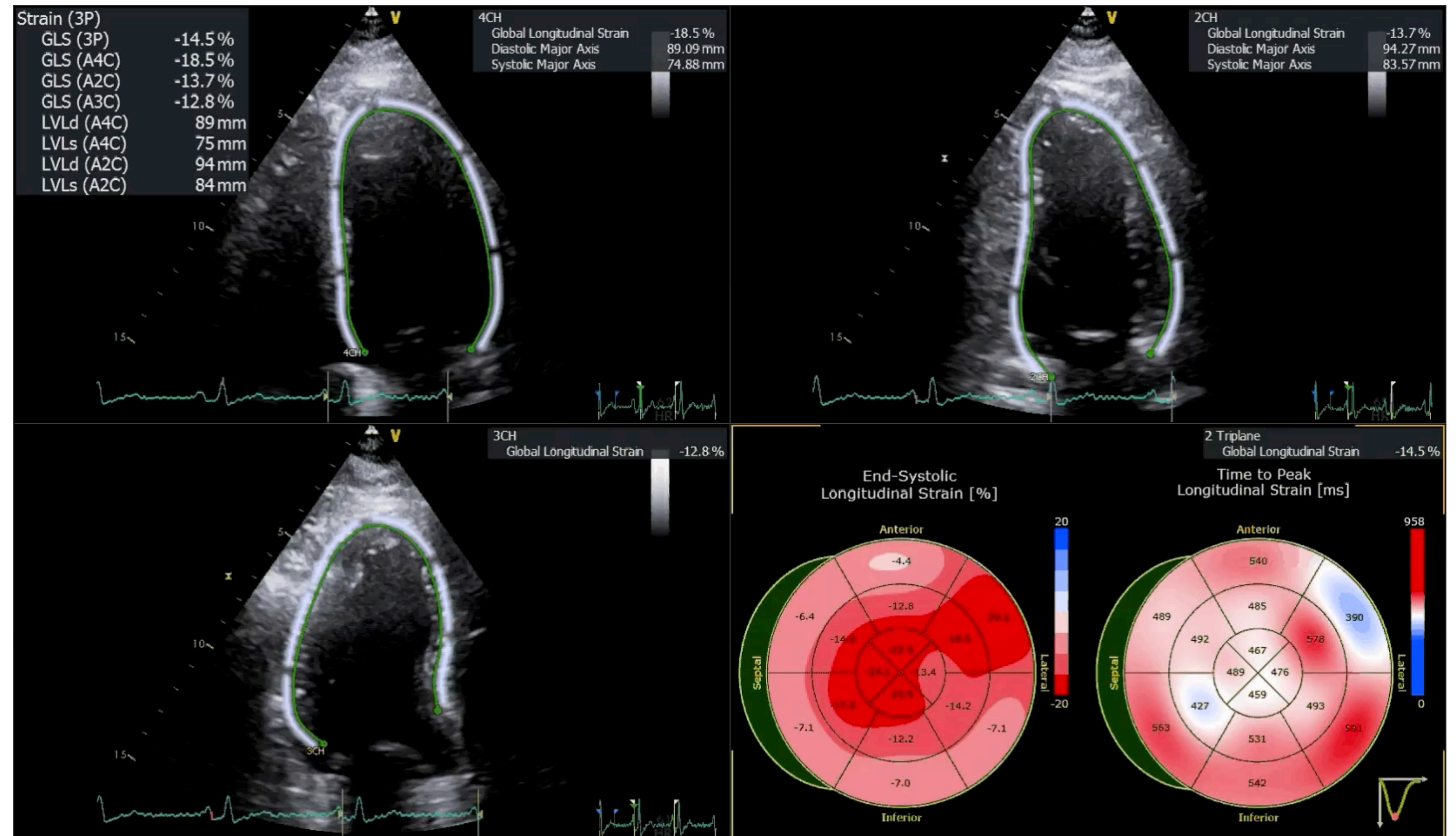


Case 2

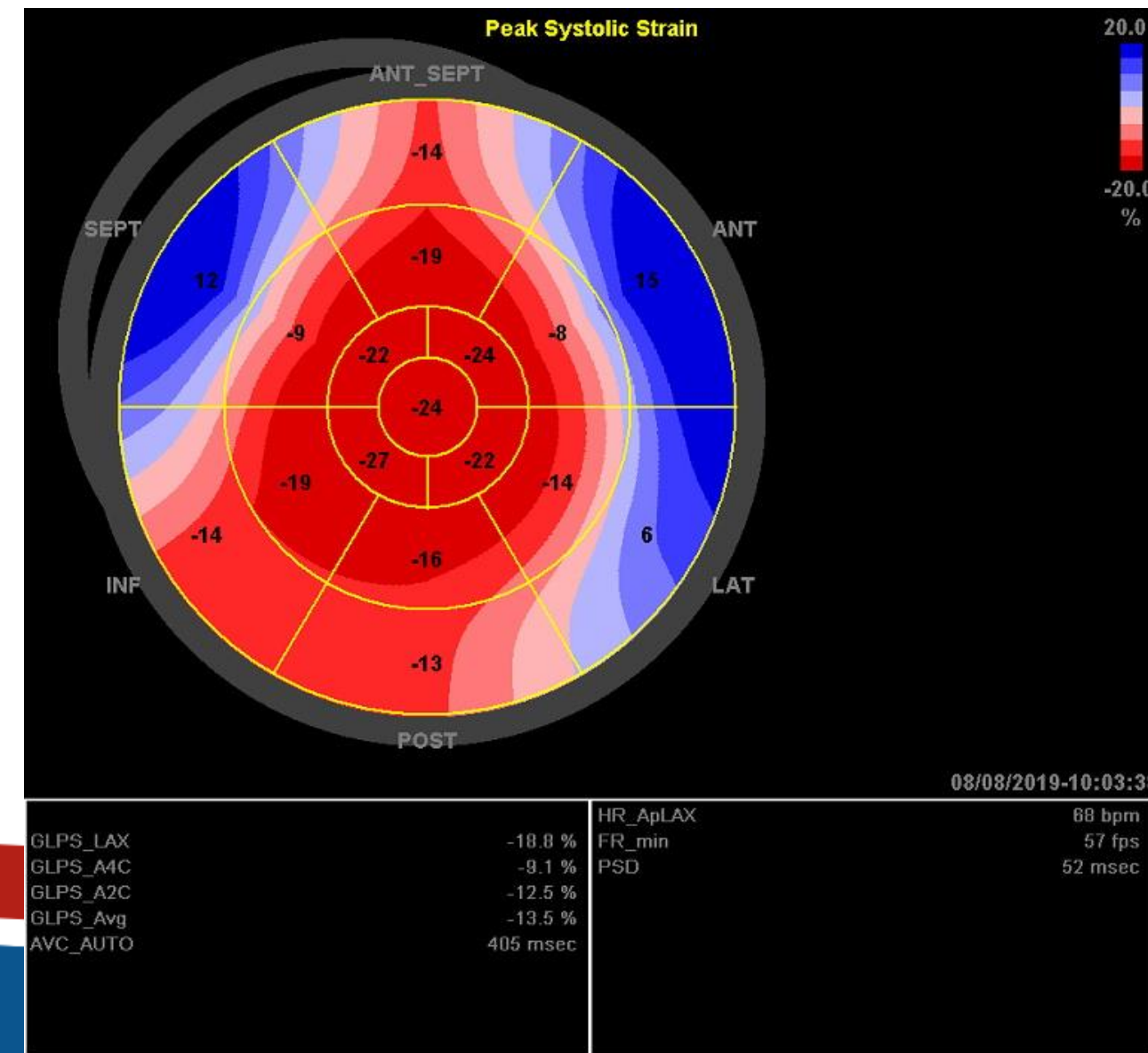
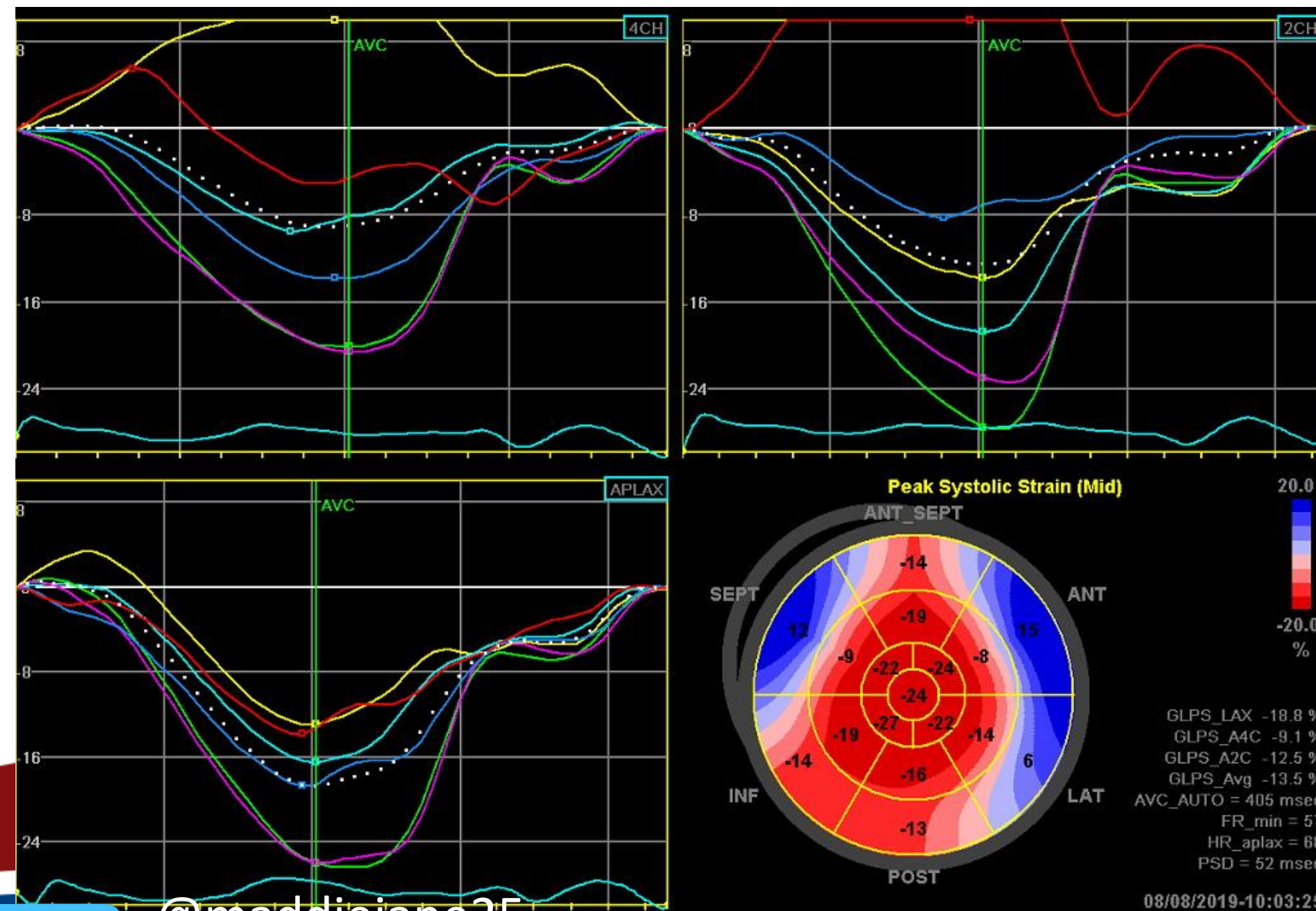
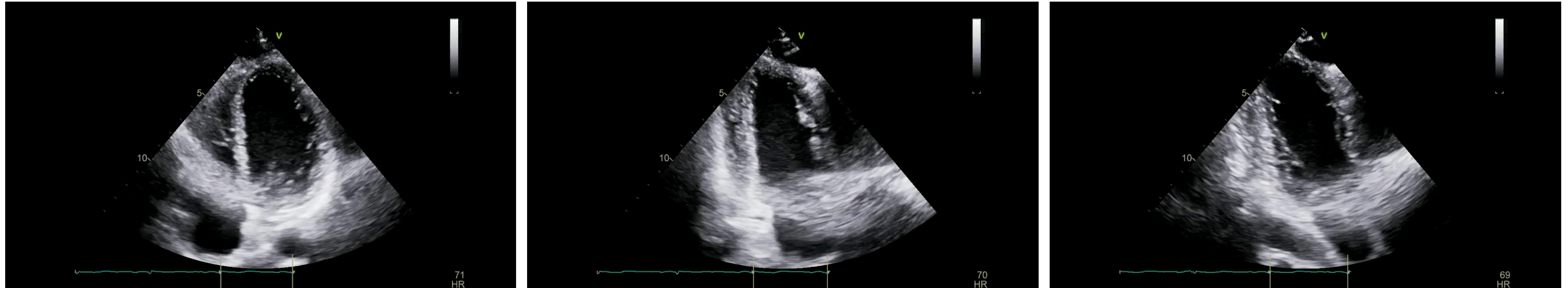
Bullseye doesn't look right

- Trust your eye!
- Understand the curves and the colors
- Try a different image or other software

GLS -14.5%



Case 3 - What is causing this artifact?



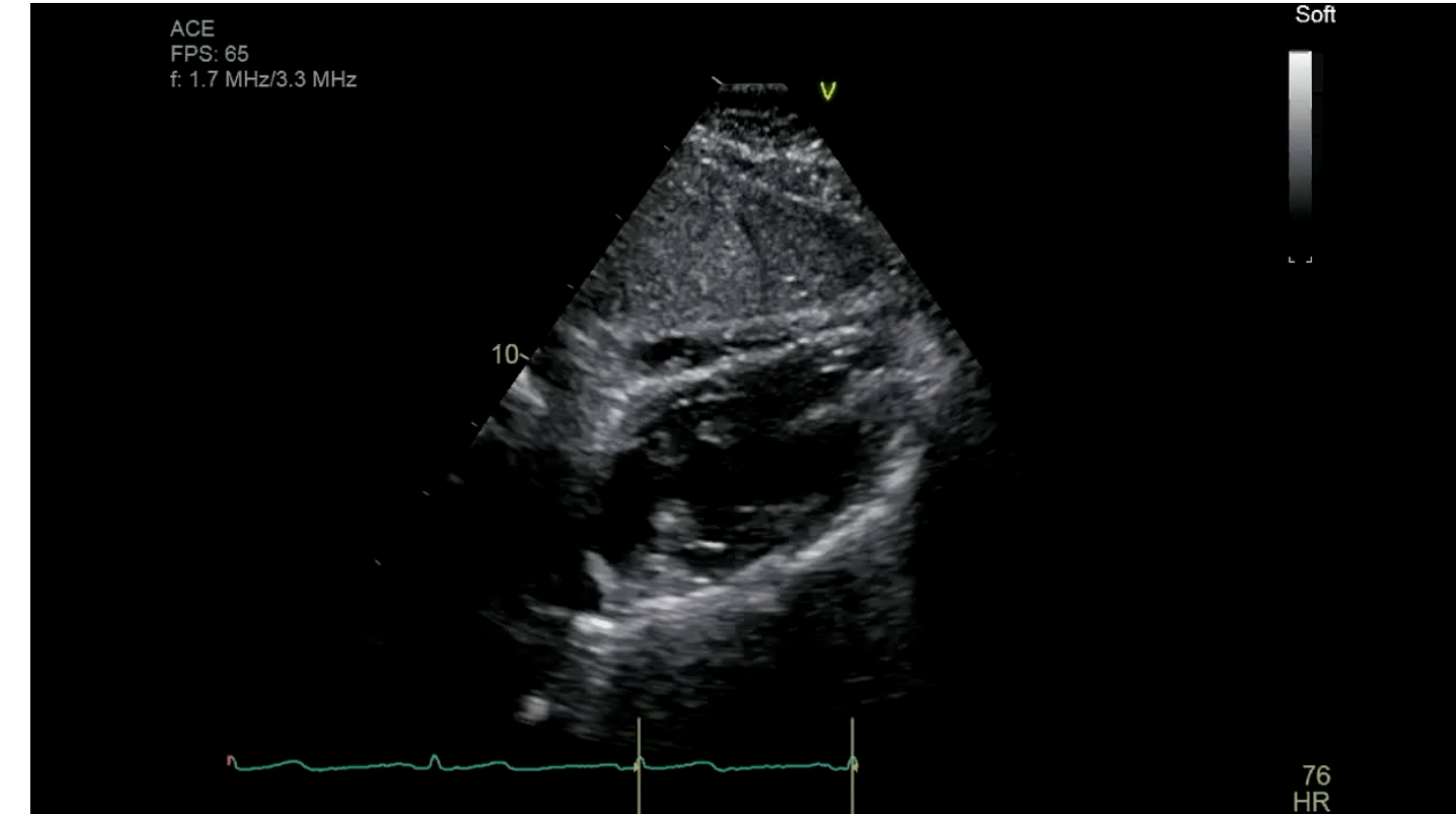
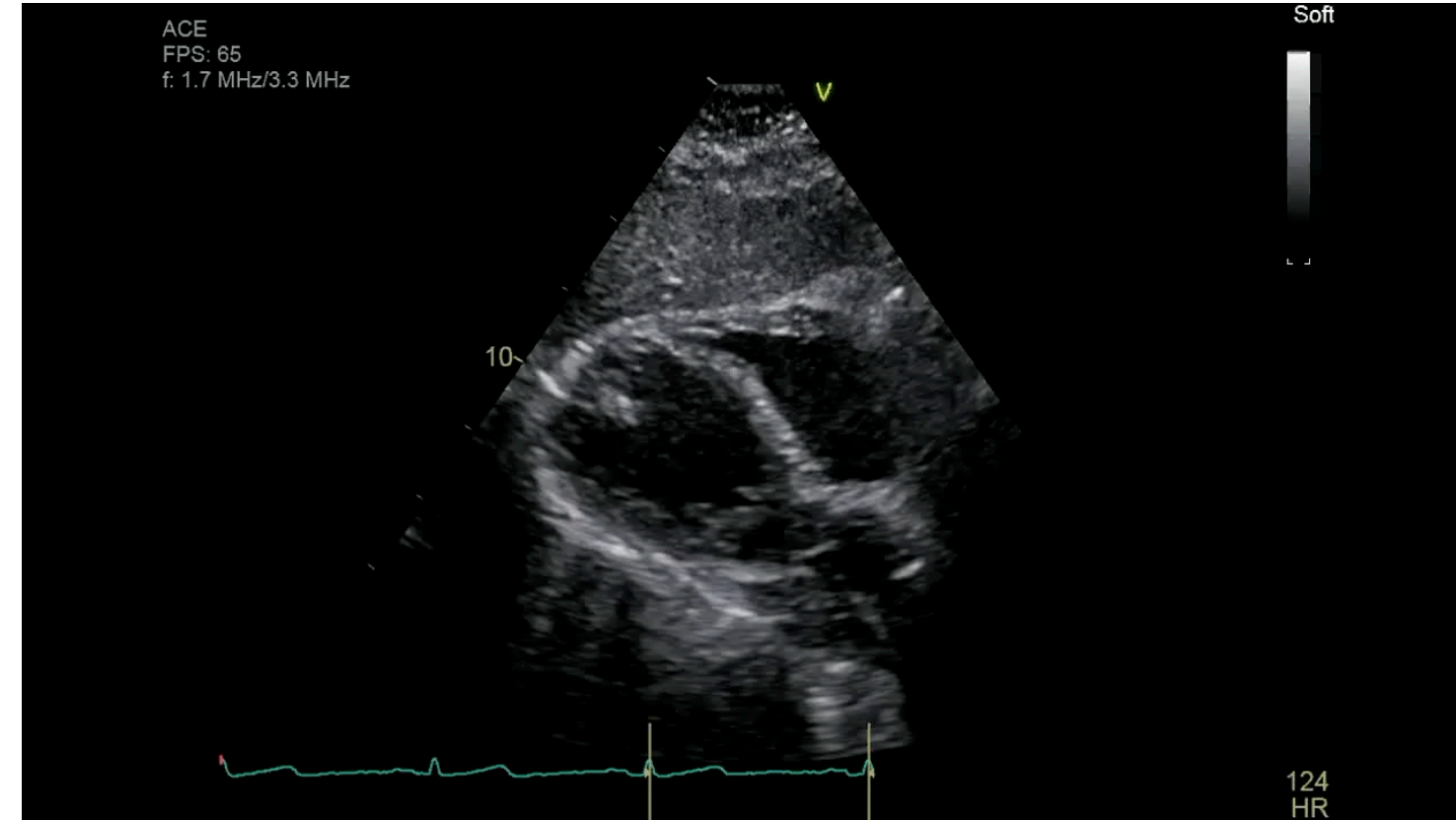
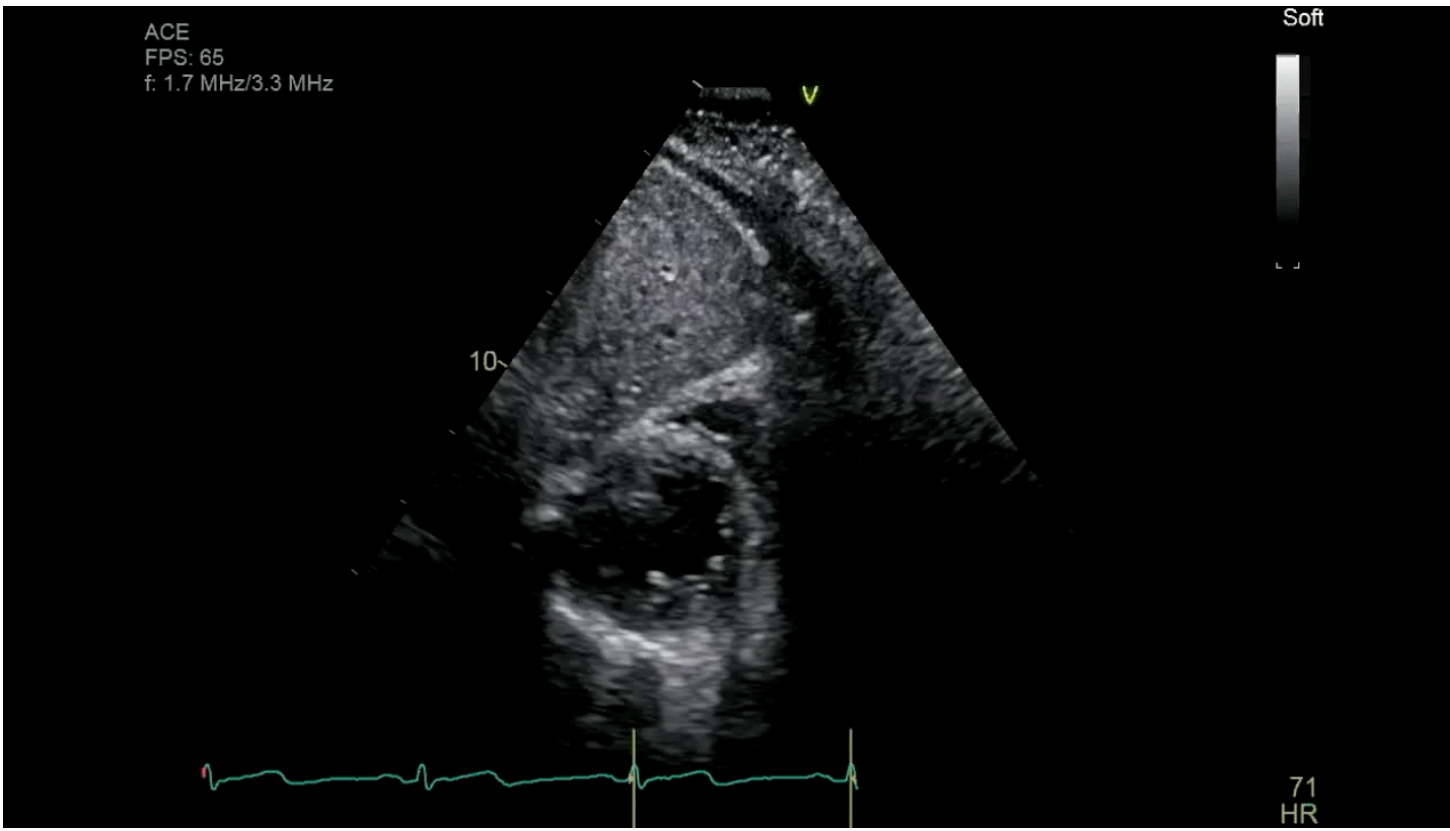
- A. Ribs**
- B. Breast implants**
- C. Probe malfunction**



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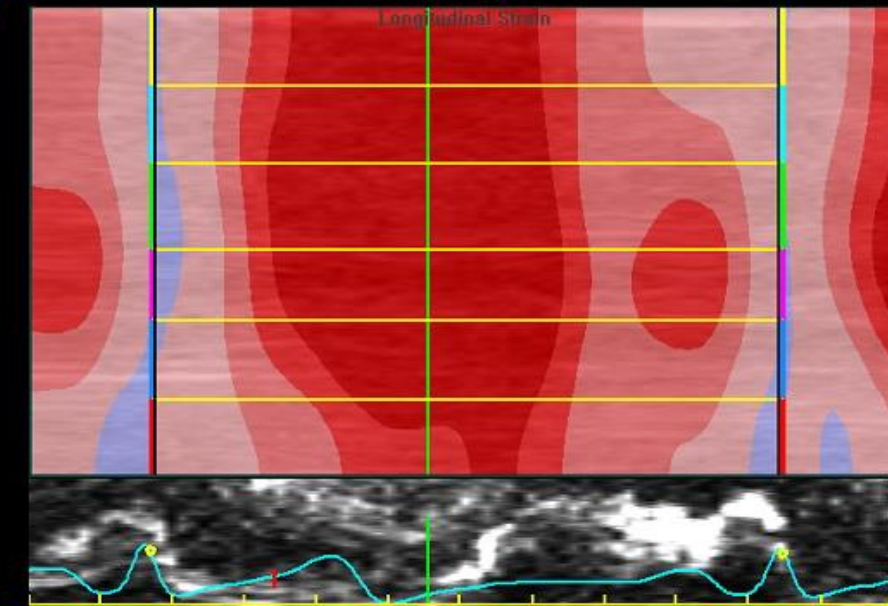
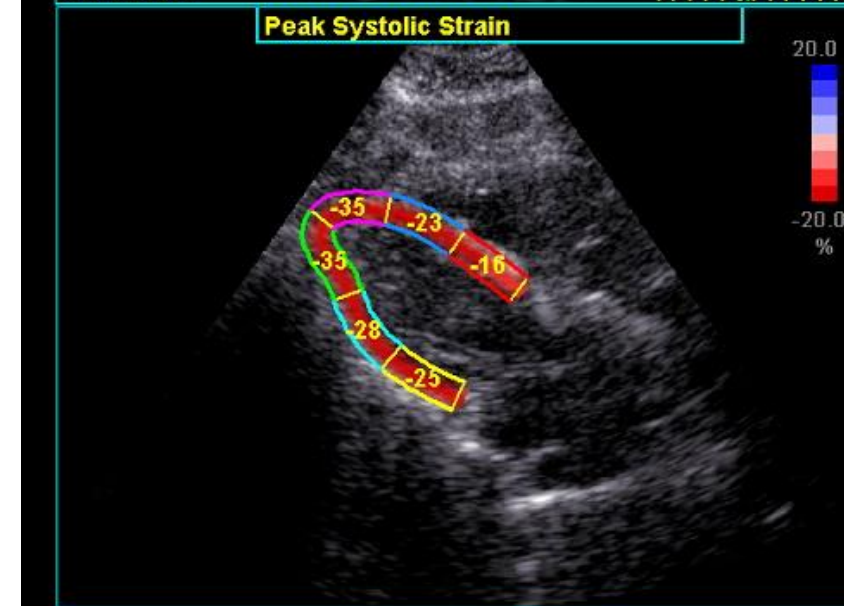
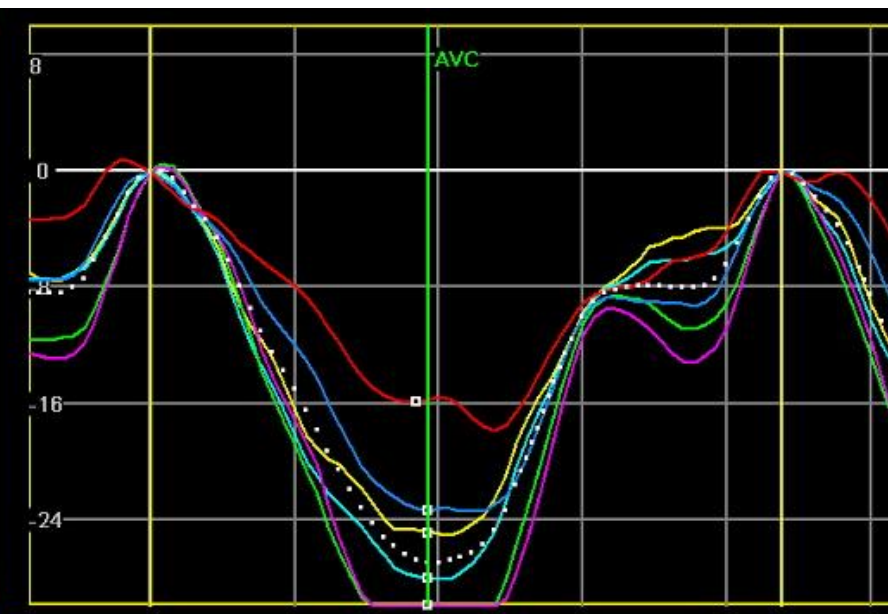
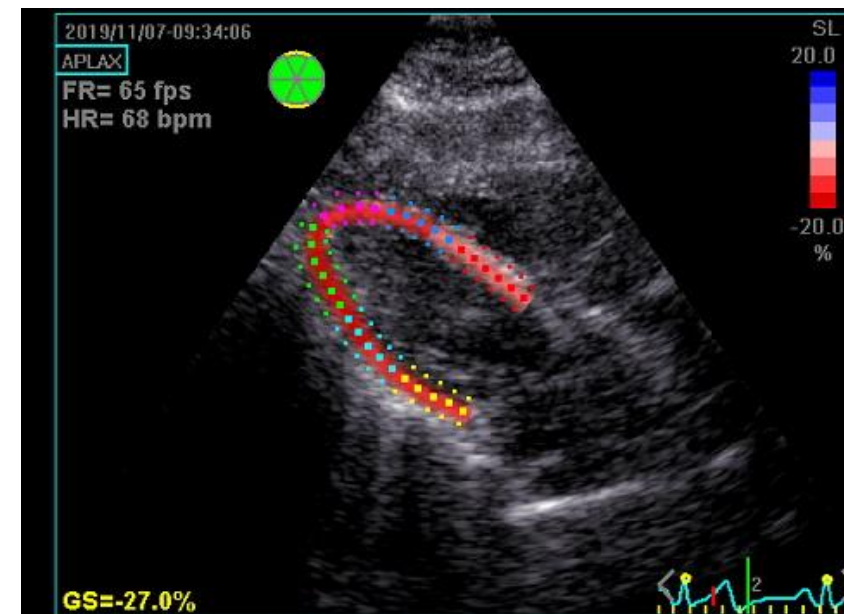
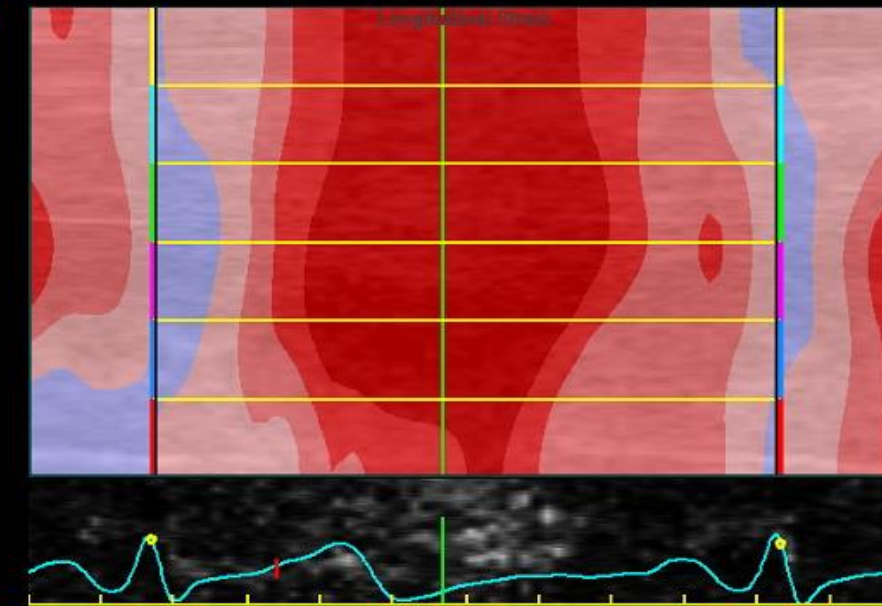
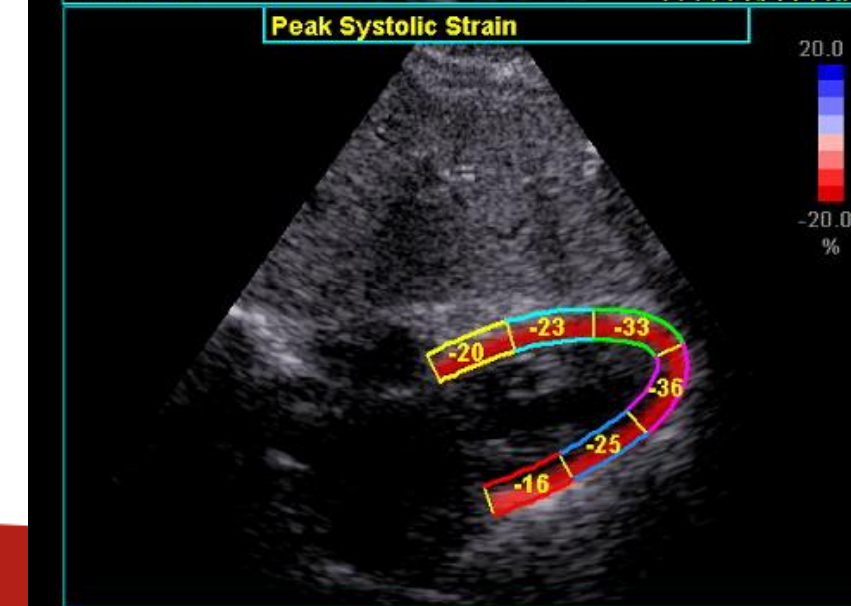
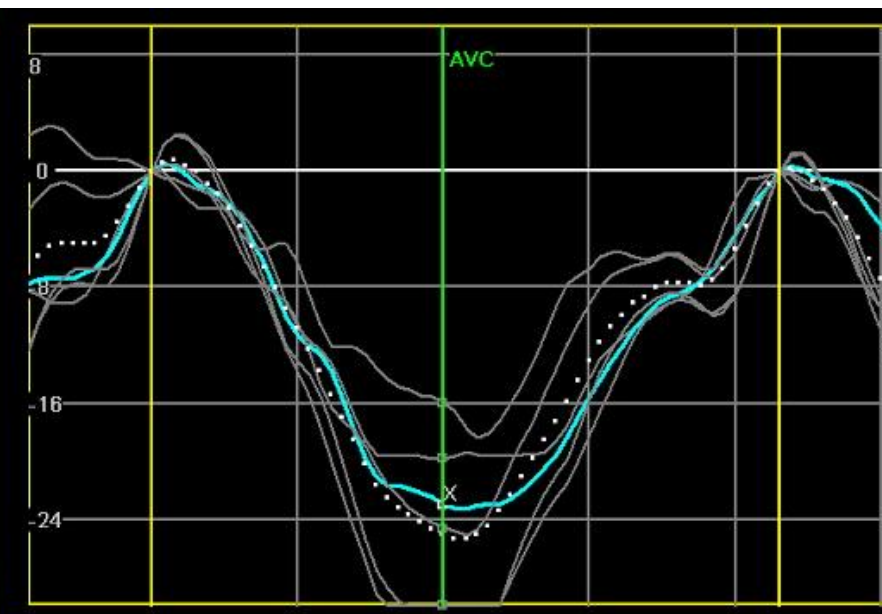
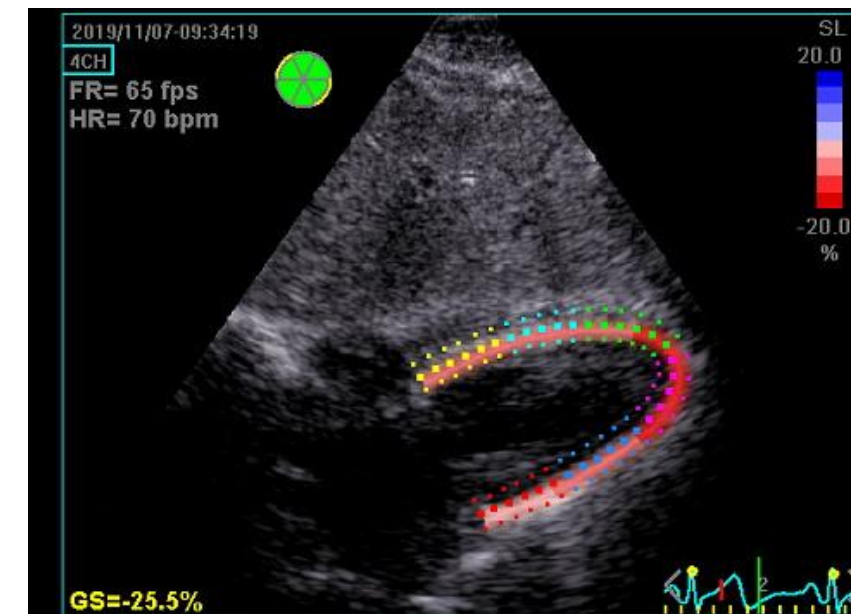
There's an alternative...



CARDIO-ONCOLOGY

Subcostal View-Based Longitudinal Strain in Patients With Breast Cancer Is an Alternative to Conventional Apical View-Based Longitudinal Strain

Sarah Chuzi, MD, Vibhav Rangarajan, MD, Lua Jafari, MD, Inga Vaitenas, RCS, RCCS, and Nausheen Akhter, MD, *Chicago, Illinois*



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Mahalo!

