

## Sitting in with the Heart Valve Team: Mitral and Tricuspid Cases

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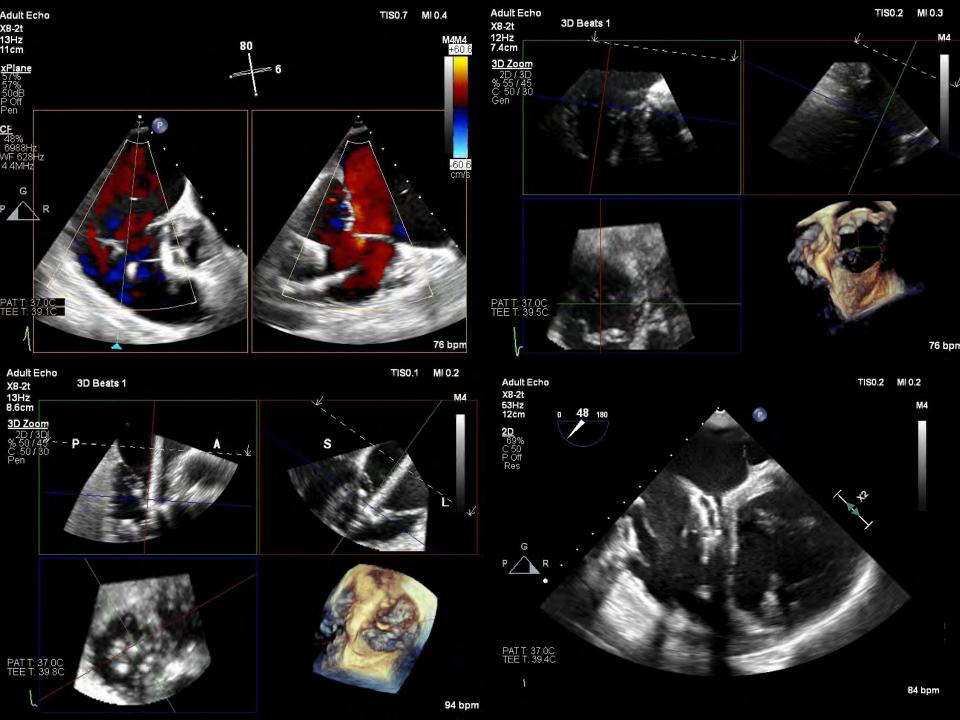
## Case

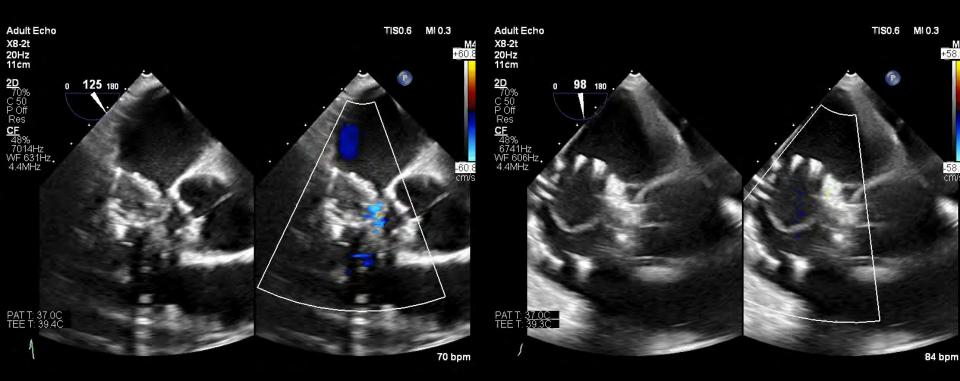


- 88 y.o. female
- Severe TR and CHF
- Multiple comorbidities. AF, CKD, breast cancer
- Non surgical
- Moderate MR, but TR judged to be most important target.
- Underwent EVOQUE 48 mm TVR in late 2019











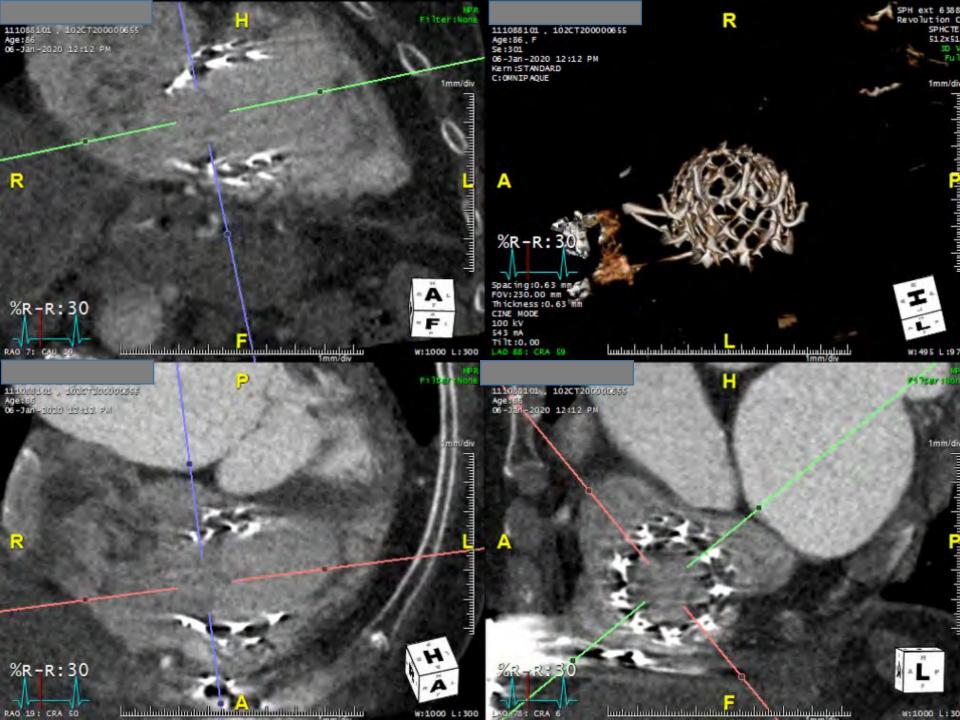
## **One month Post Procedure**

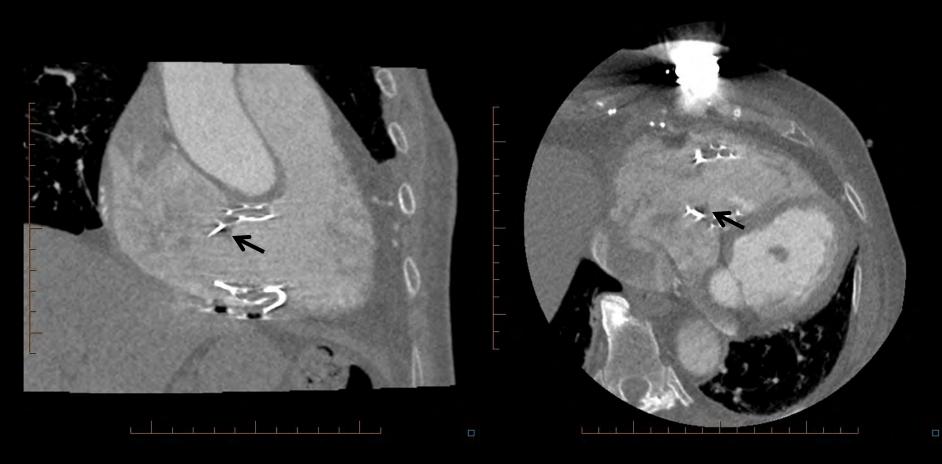


- Long and complex course including on going fluid retention and heart block with epicardial lead implanted.
- One month post procedure underwent Cardiac CT
- At the time of CT, ongoing RHF, elevated nt BNP 4709
- But standard part of implant protocol...



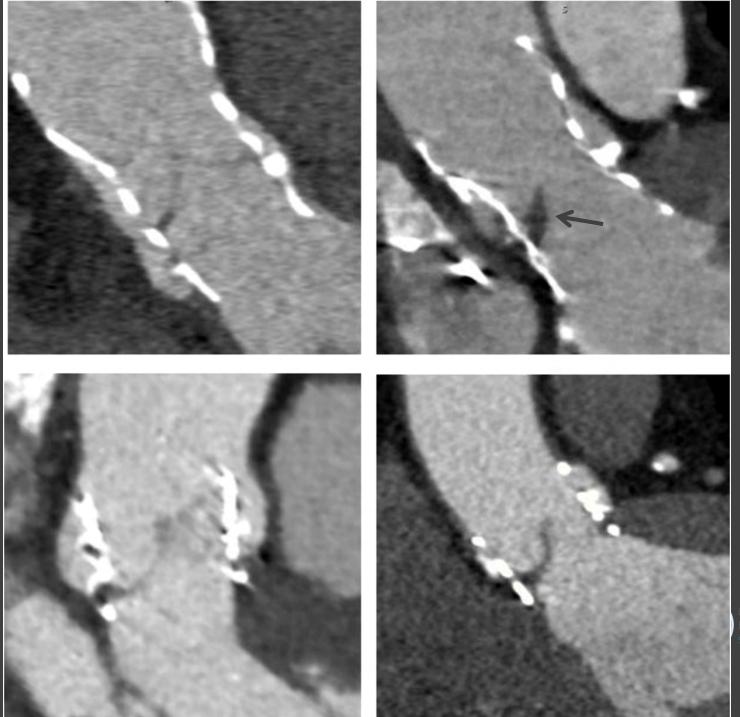




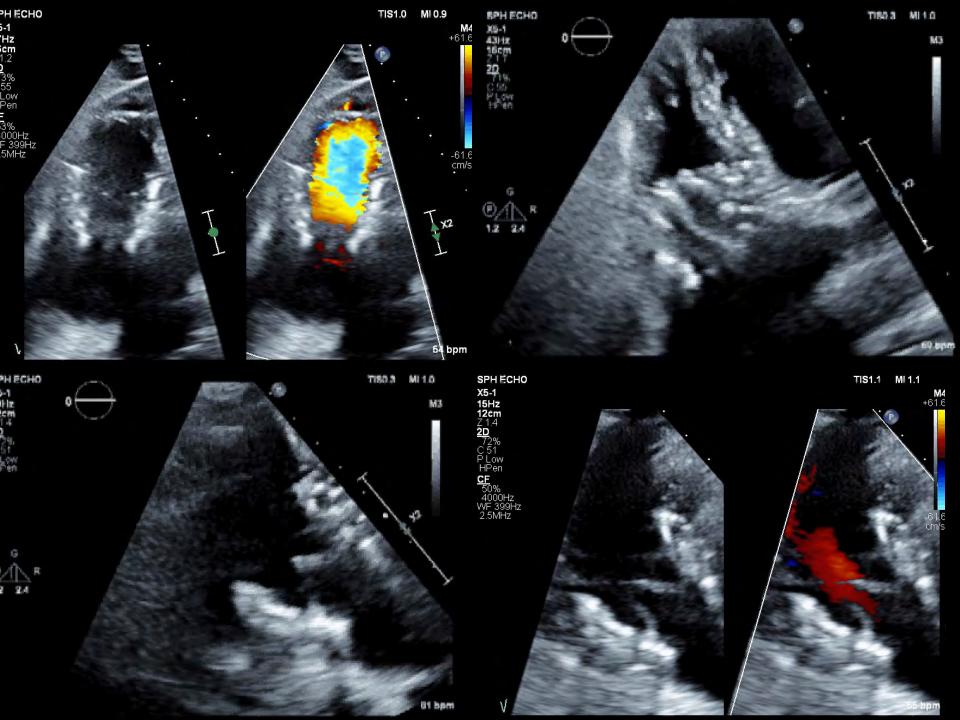


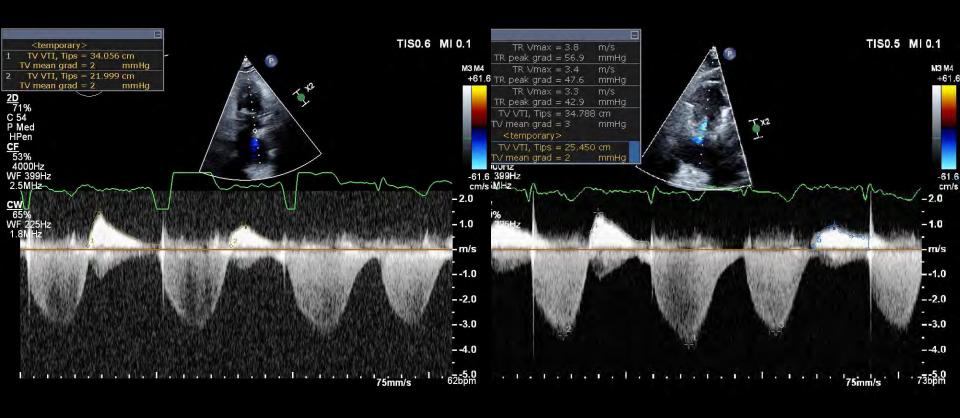
Hypo-attenuated leaflet thickening (HALT)





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TV MPG 2-3 mmHg.





## Take-homes...and learning points

- HALT can be seen with implanted valves in the tricuspid position
- There's a lot we don't know about HALT
- Including time course and impact on prognosis.
- The TV is a large valve, leaflet restriction may not have a significant effect on valve gradient
- Hemodynamic values for these valves are uncharacterized.
- Echo changes subtle but present. Require careful sonography and interpretation
- We would treat with OAC, but
- OAC vs. NOAC, duration of therapy are evidence free zones.

