

Delayed Treatment of Severe Infolding of Self-Expanding Transcatheter Heart Valve

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Disclosure of Relevant Financial Relationships

I, Charlene Rohm, DO NOT have any financial relationships to disclose.

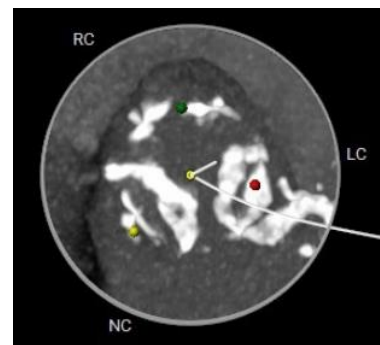
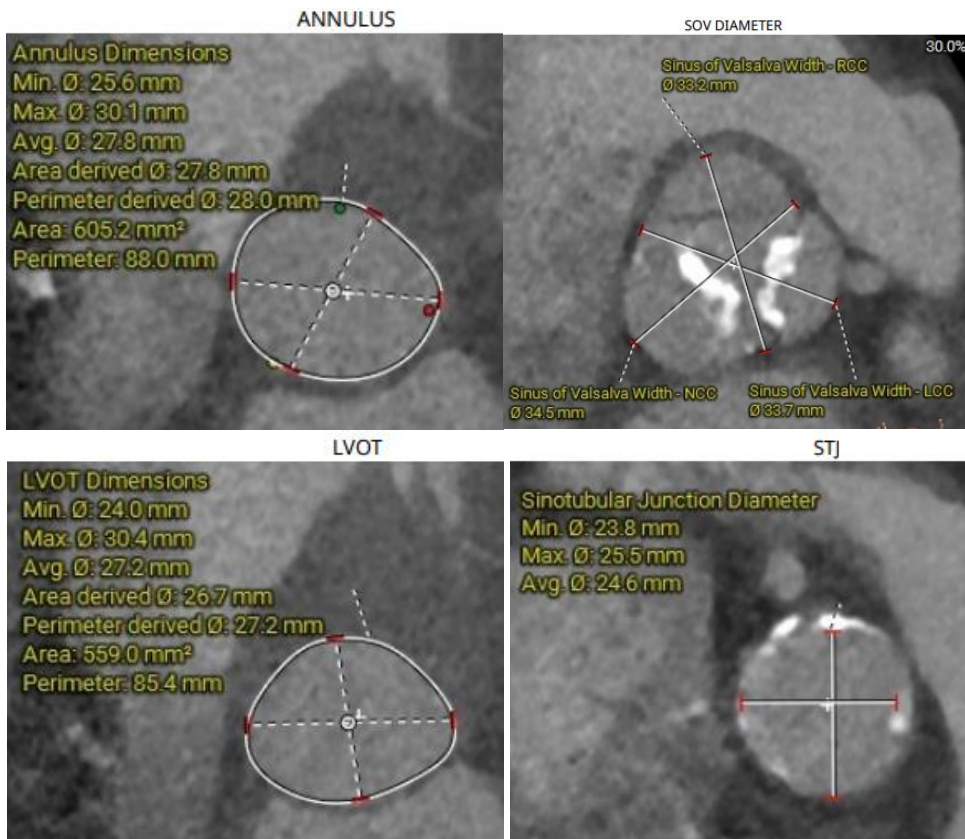
Patient History

- 75-year-old man with symptomatic severe aortic stenosis
- High surgical risk
- Proceed with transcatheter aortic valve replacement (TAVR) with a 34 mm SE-THV

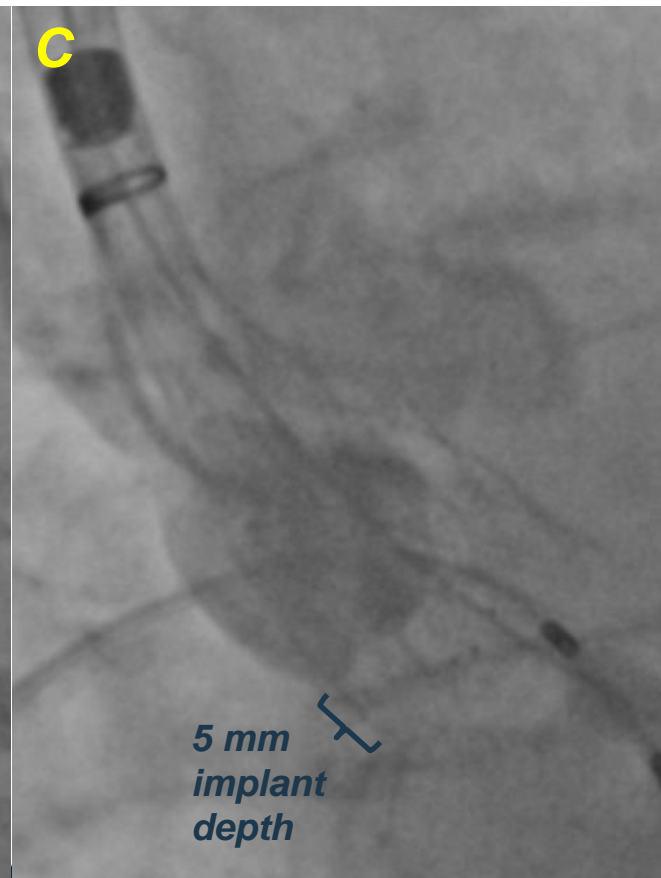
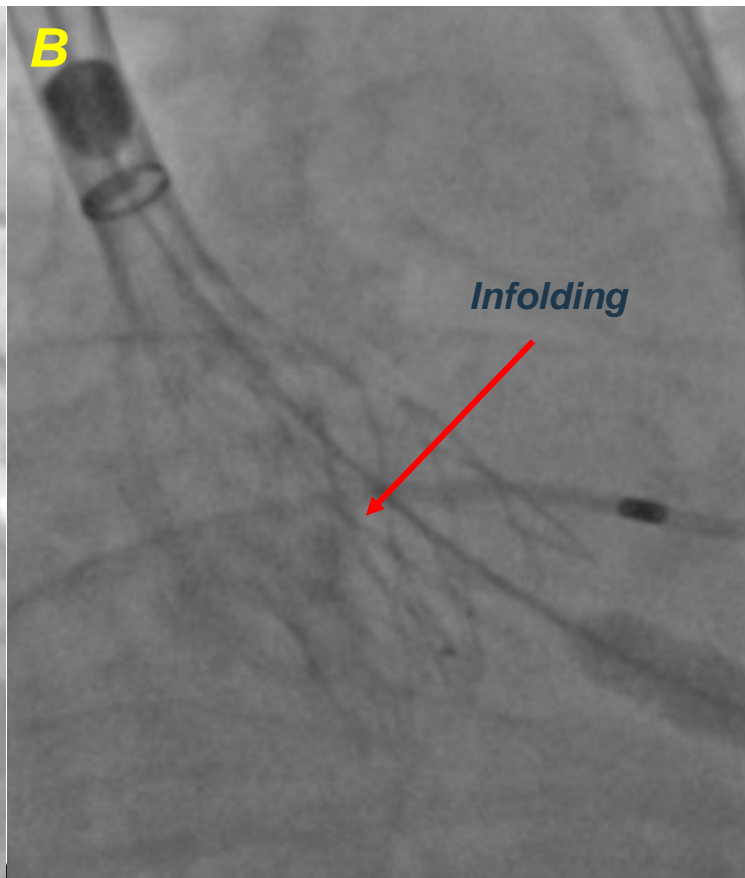
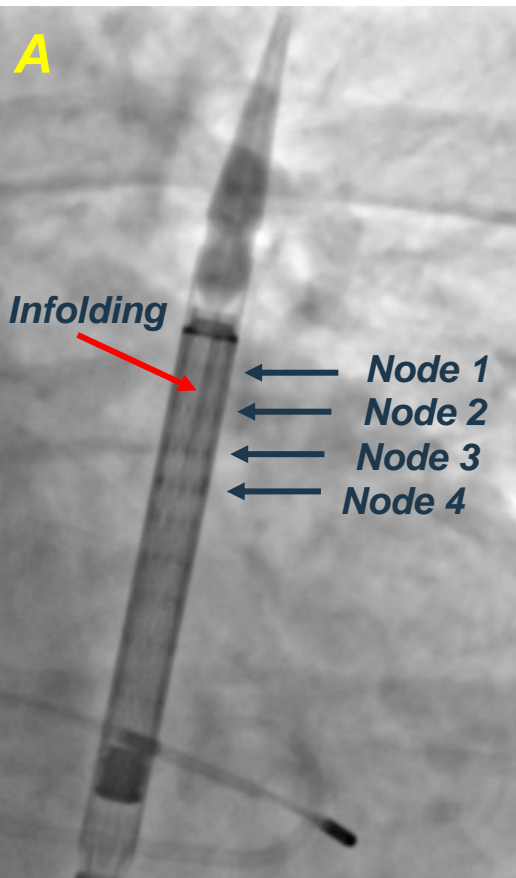
Cardiac CT

Annulus
perimeter: 88 mm

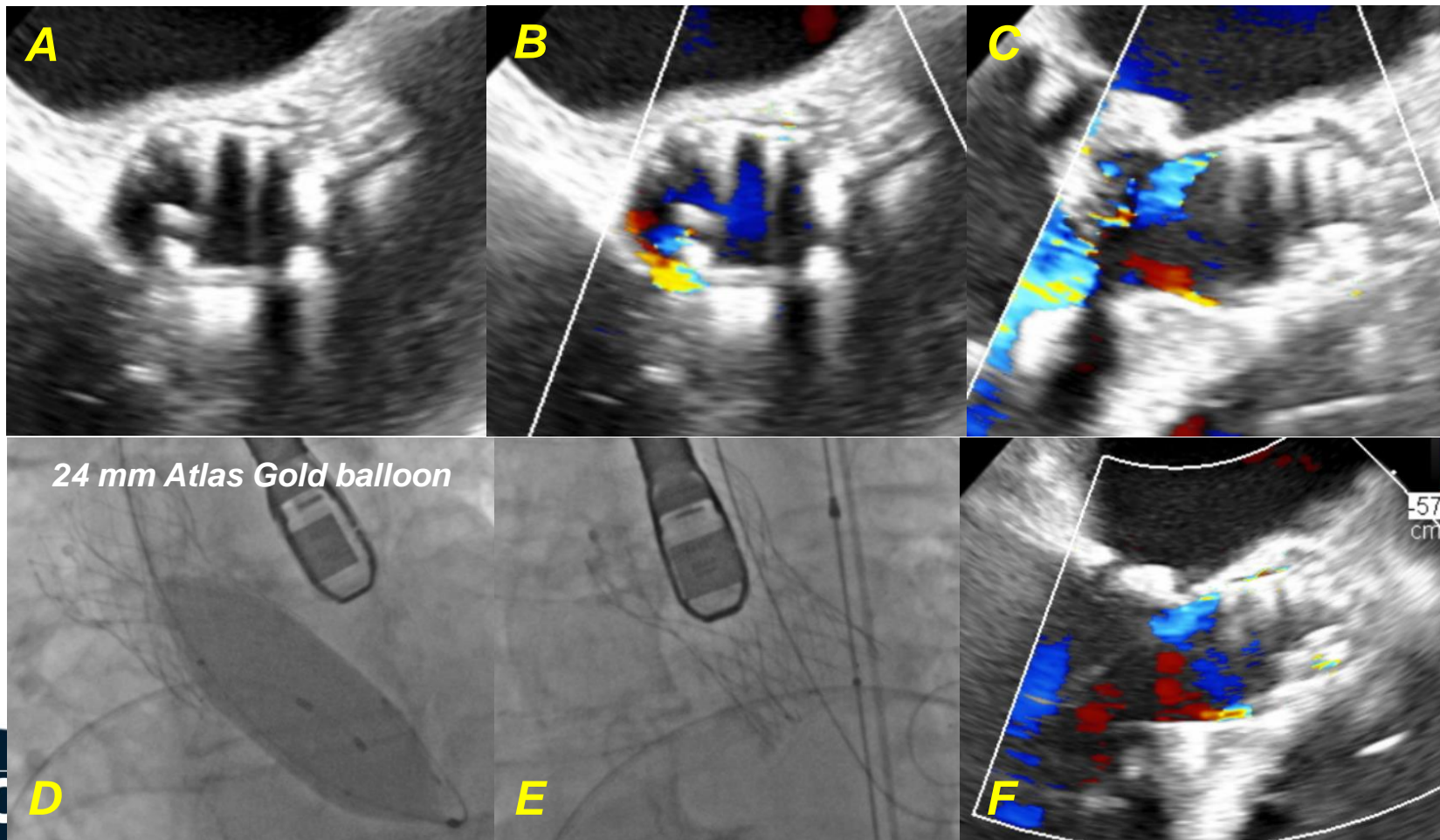
34 mm SE-THV



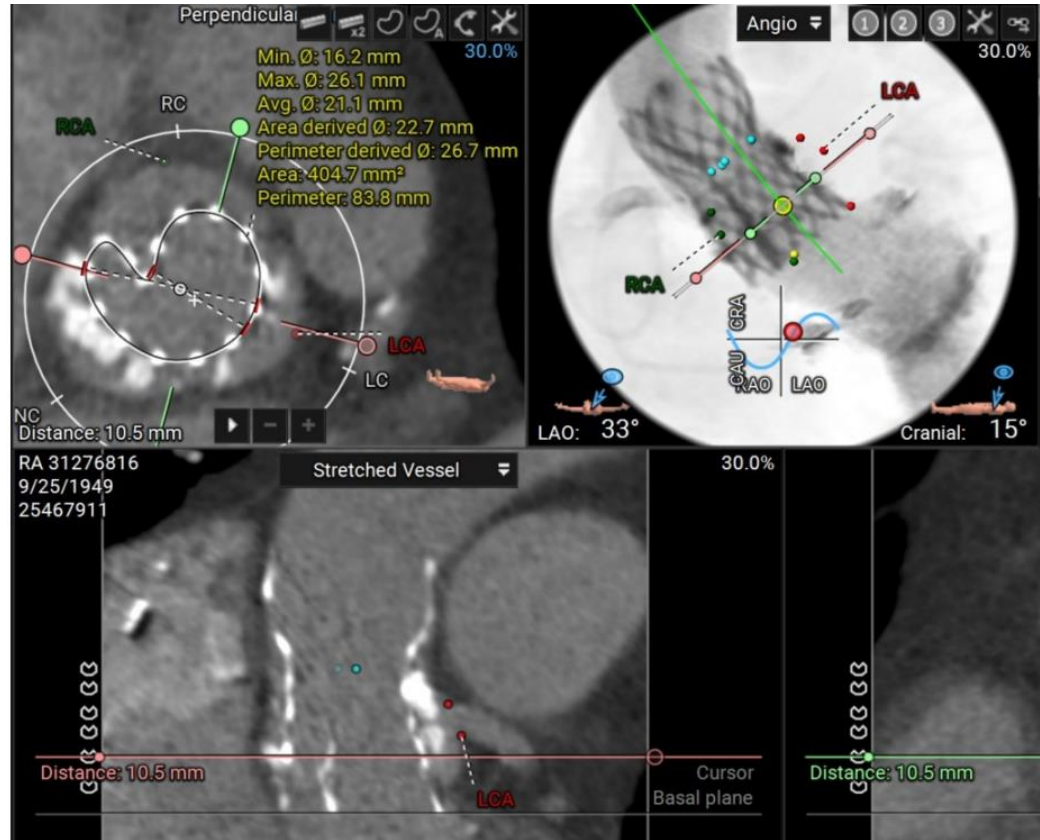
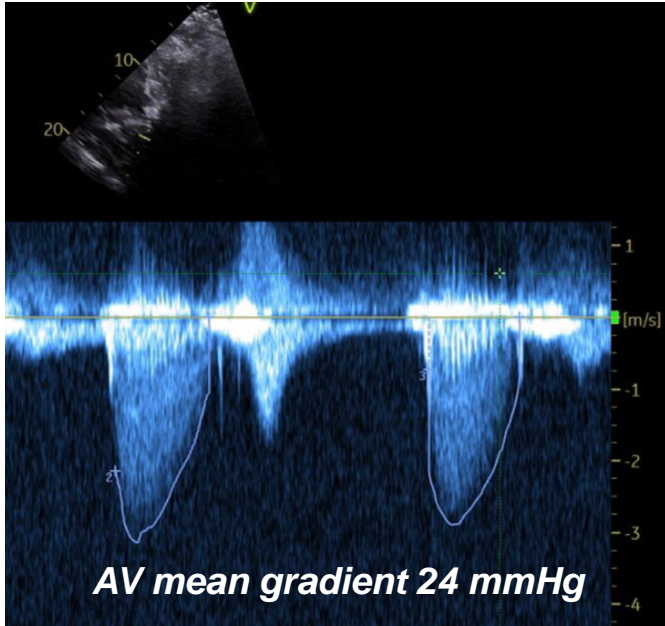
Index Procedure – TAVR with 34 mm SE-THV



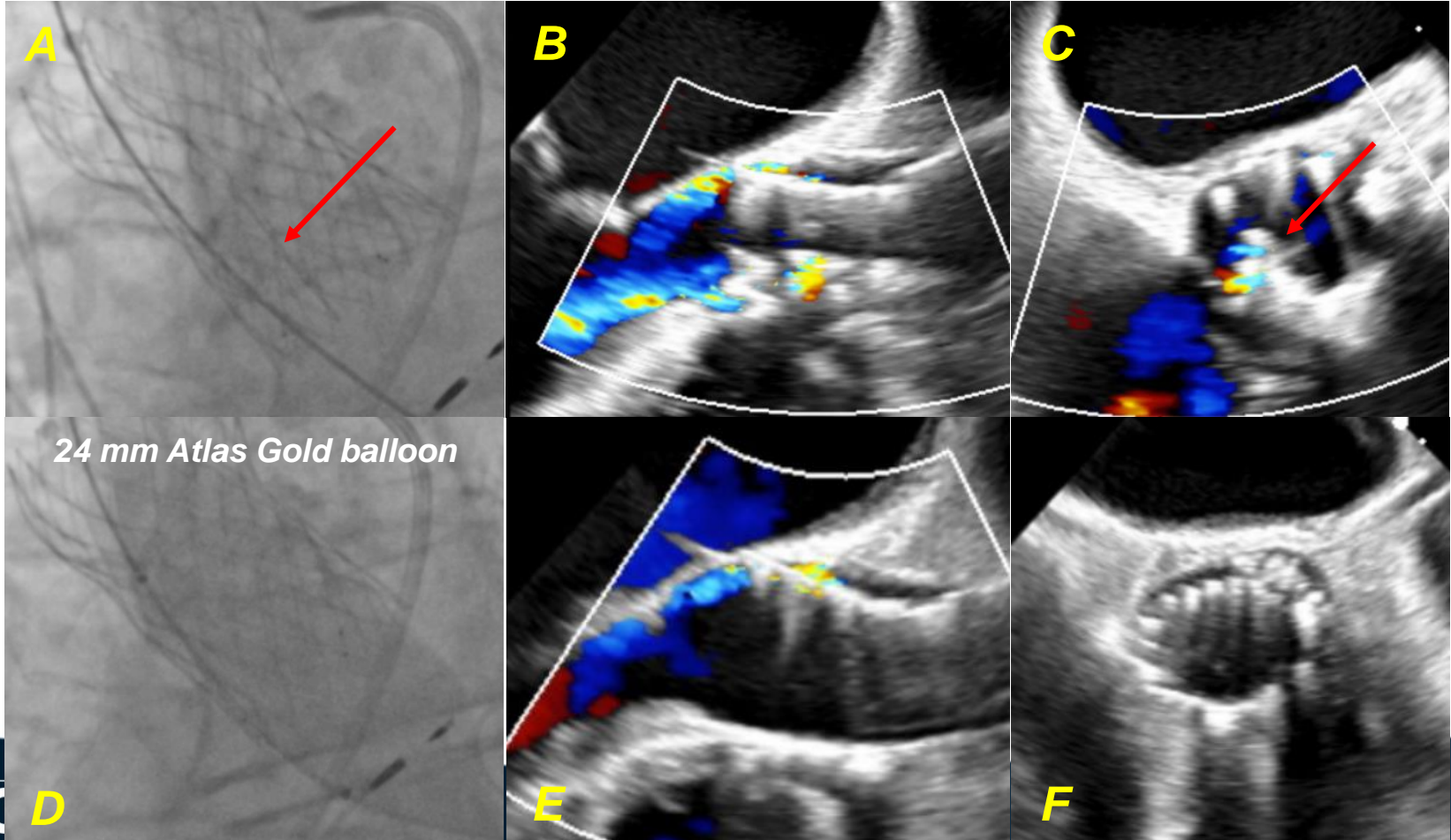
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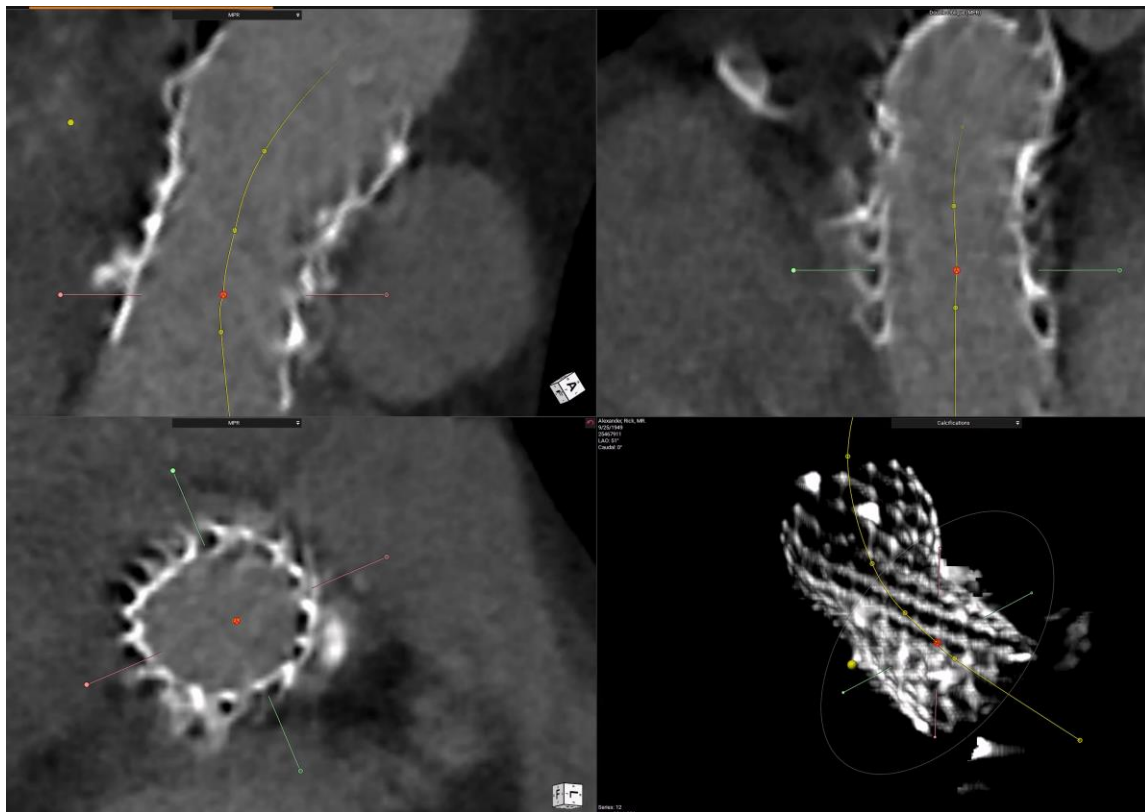
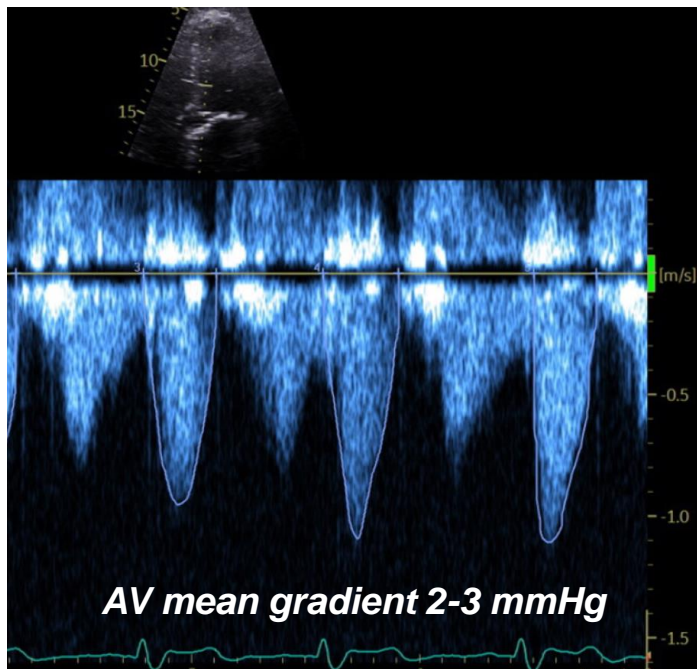
Follow Up Imaging



Second Procedure – Aortic Valvuloplasty 24 Days Later



Follow Up Imaging



Conclusion/Summary/Take-home Message

- Infolding of SE-THVs is rare and typically occurs in larger prosthesis sizes (29 mm or larger).
- Delayed treatment of severe valve infolding has not previously been reported.
- Balloon aortic valvuloplasty can safely and successfully correct severe valve infolding even weeks after implantation.

THANK YOU