

# Delayed Treatment of Severe In folding of Self-Expanding Transcatheter Heart Valve

Charlene L. Rohm, MD

Eric Quintana, MD, Jared O'Leary, MD



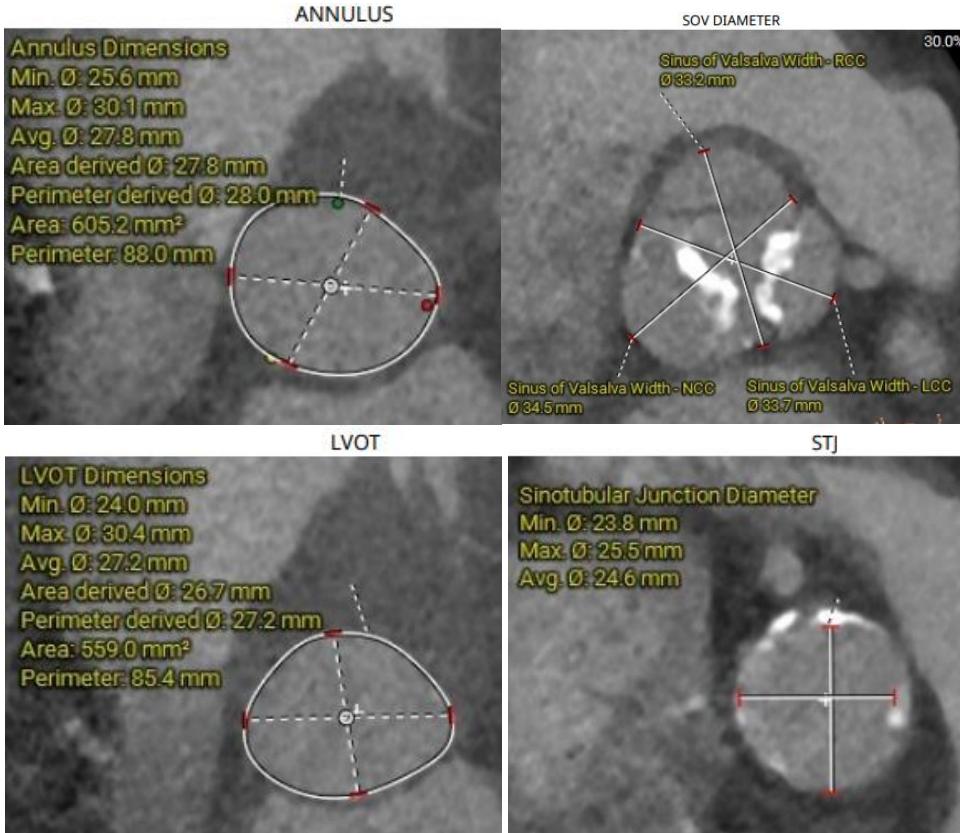
# Disclosure of Relevant Financial Relationships

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

# Patient History

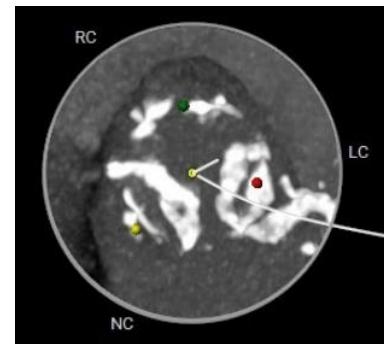
- 75-year-old man with symptomatic severe aortic stenosis
- High surgical risk
- Proceed with transcatheter aortic valve replacement (TAVR) with a 34 mm SE-THV

# Cardiac CT



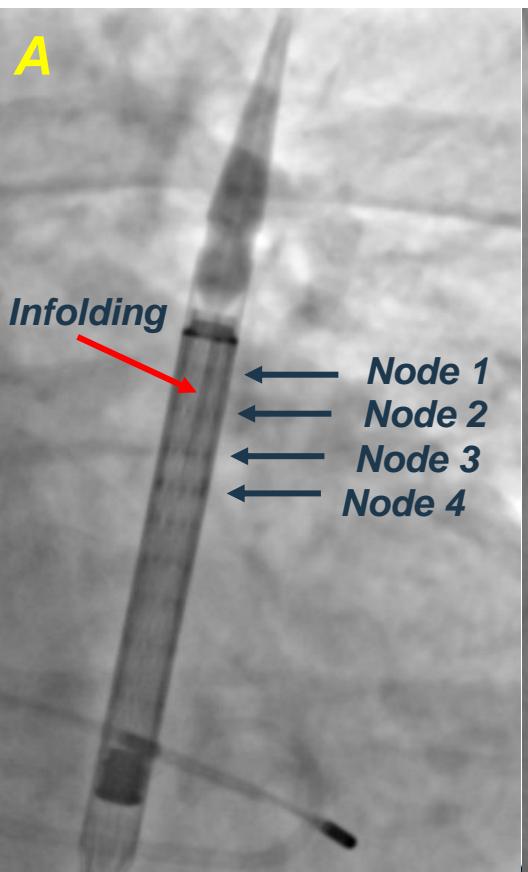
Annulus  
perimeter: 88 mm

34 mm SE-THV

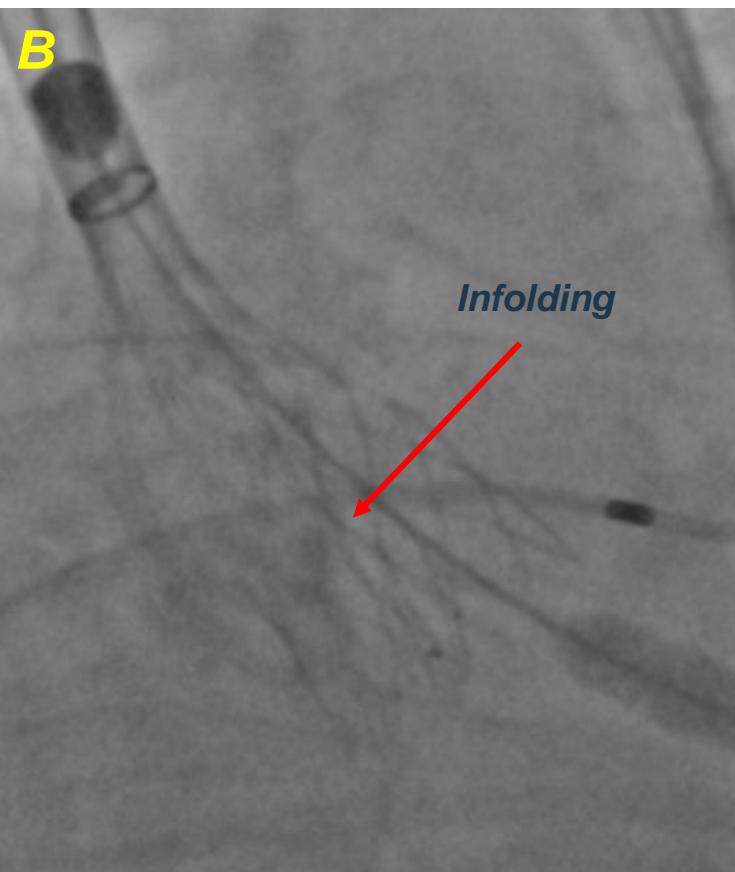


# Index Procedure – TAVR with 34 mm SE-THV

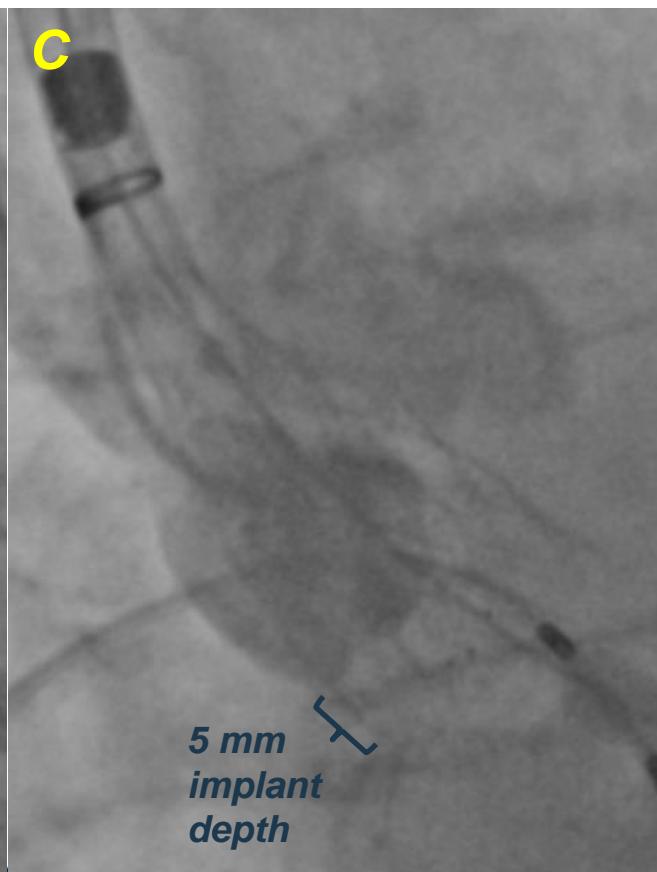
A



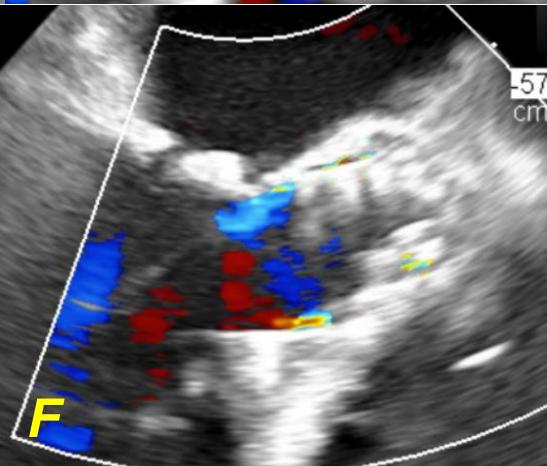
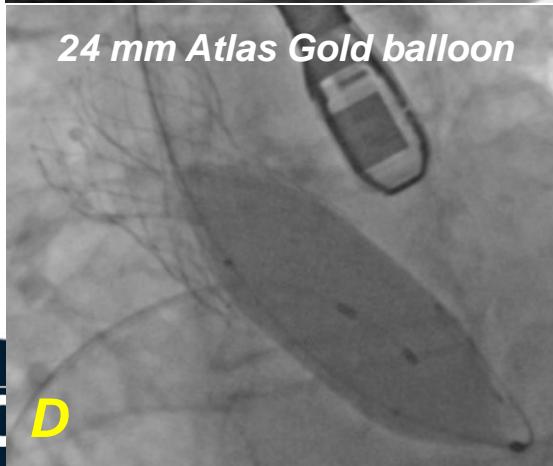
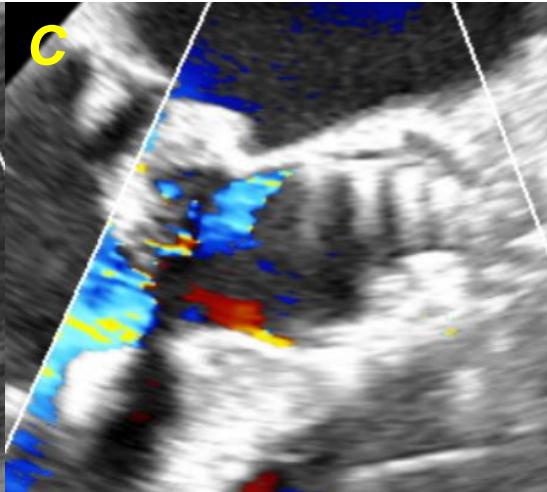
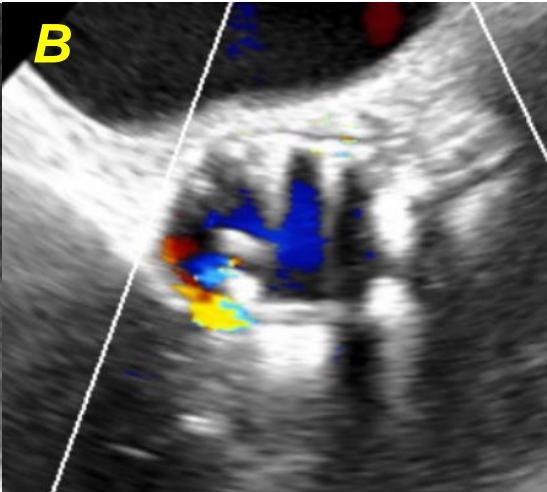
B



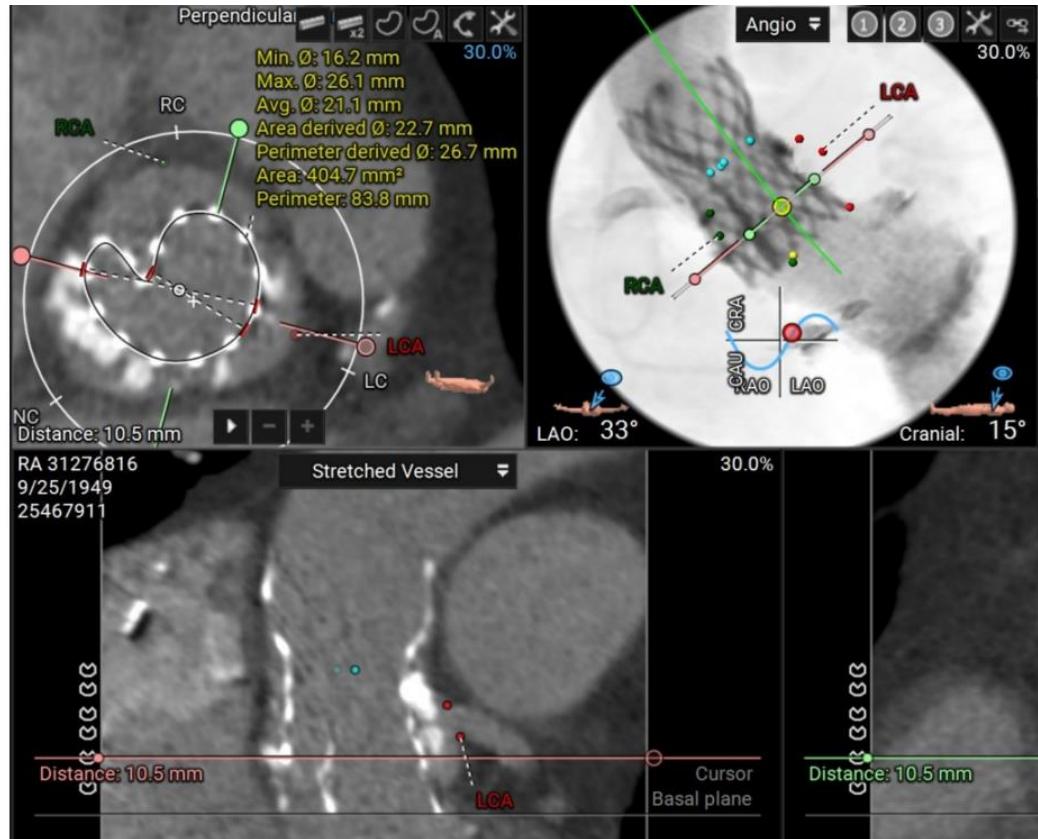
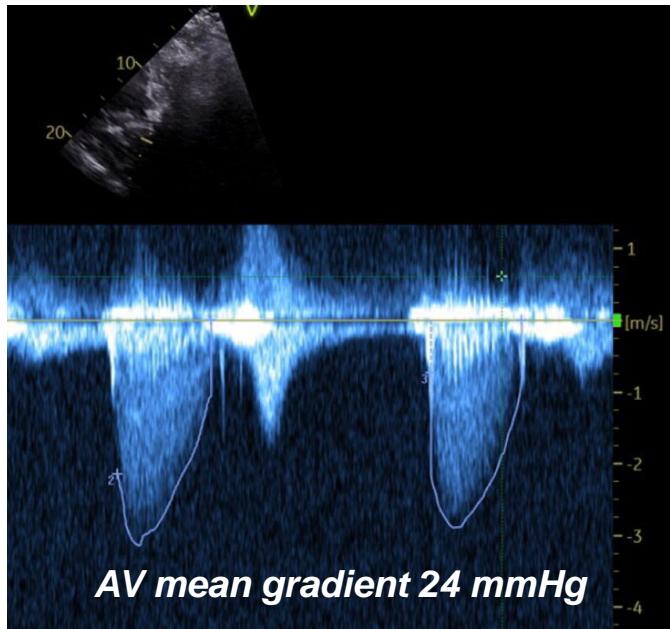
C



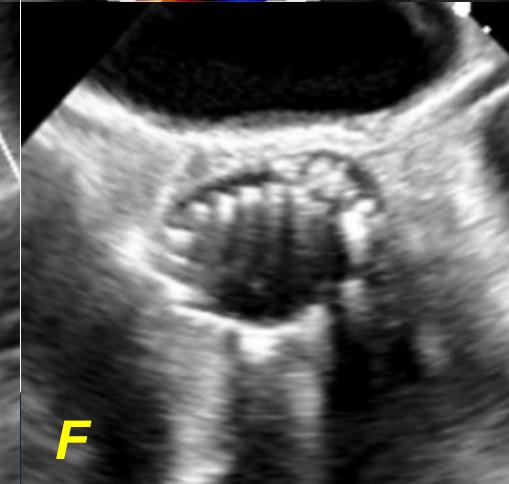
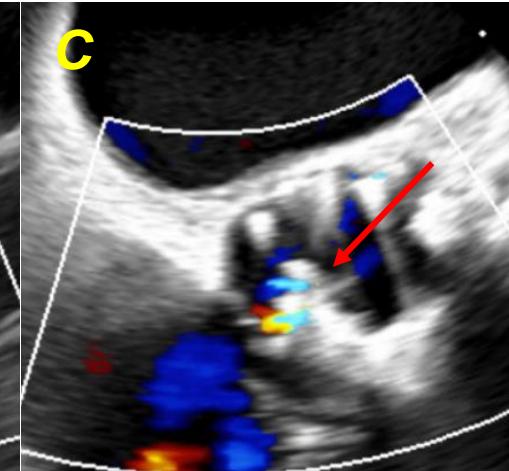
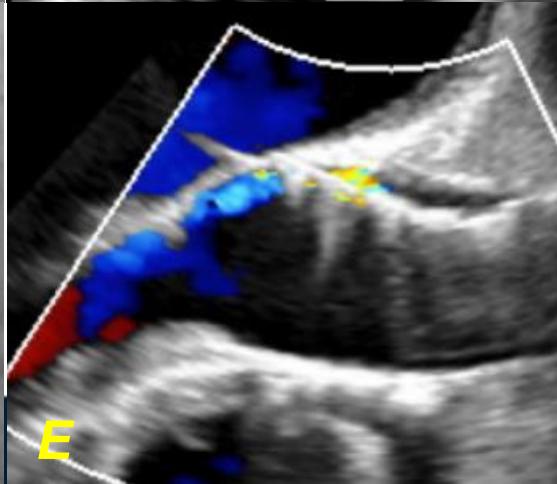
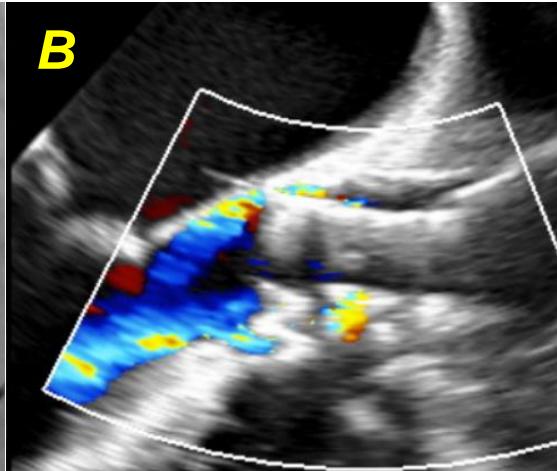
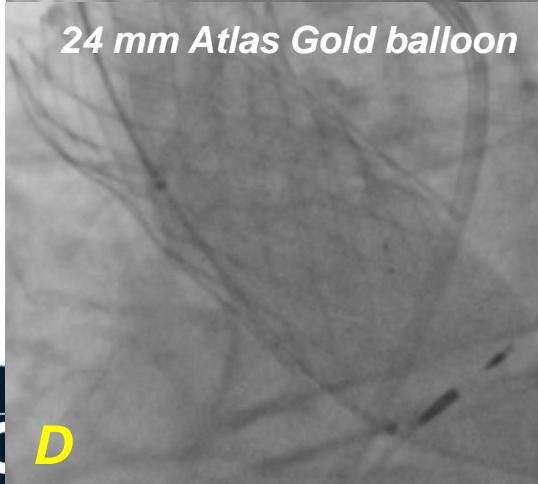
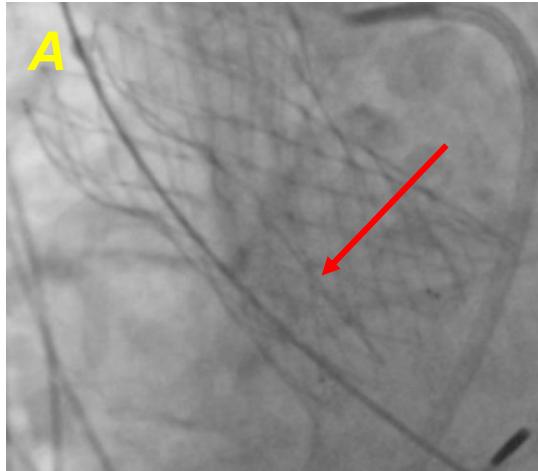
# Index Procedure – TAVR with 34 mm SE-THV



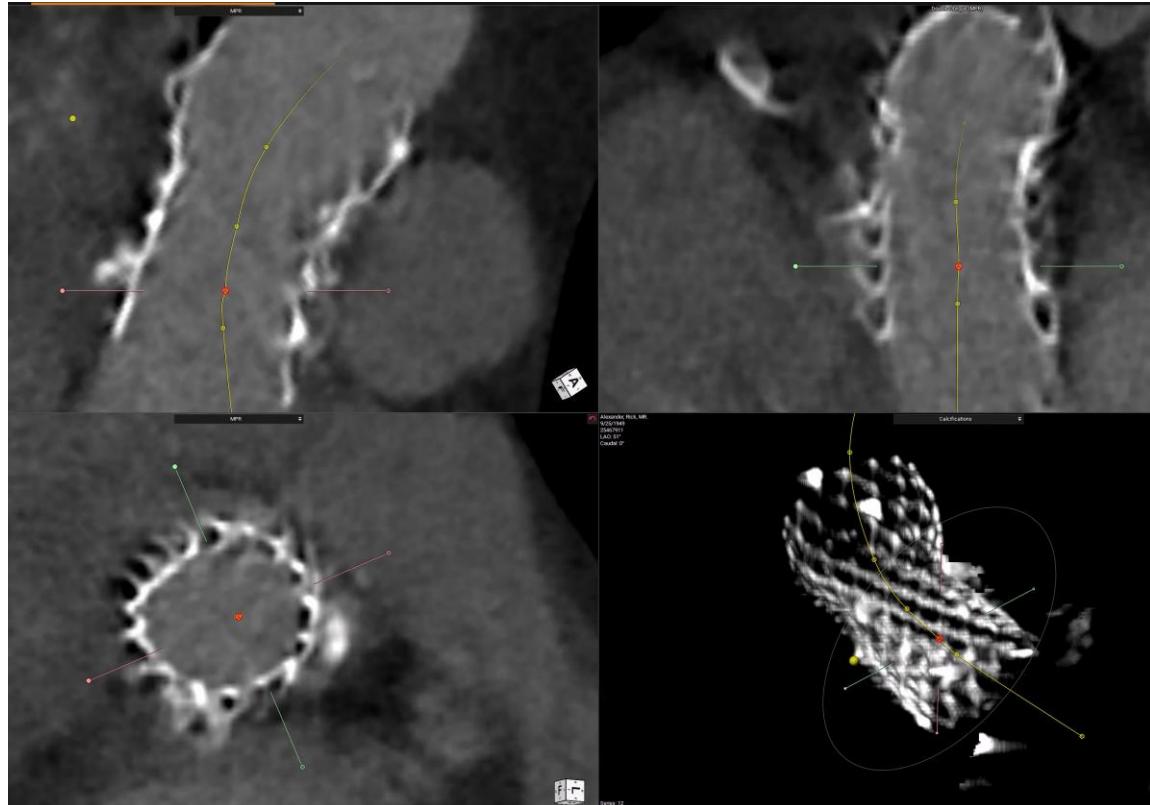
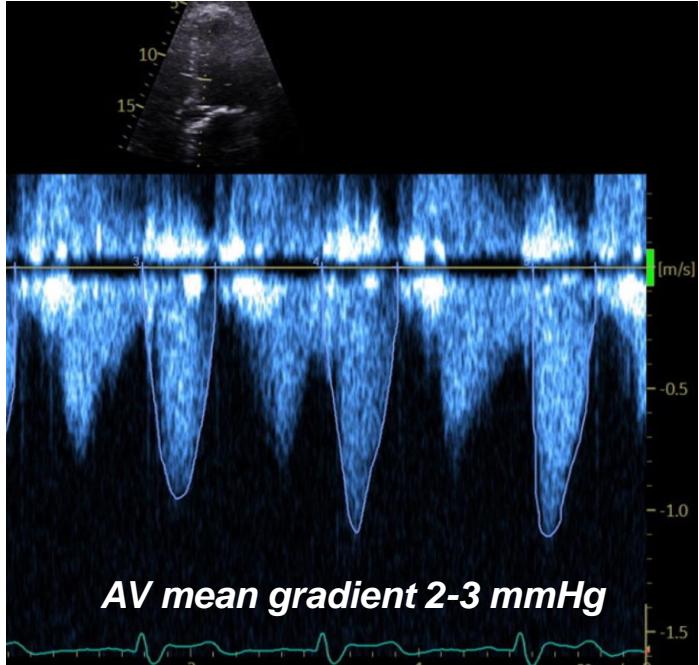
# Follow Up Imaging



# 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**