



## Challenges of bioprosthetic AR assessment

- Acoustic shadowing from bioprosthesis
- ▶ Eccentricity of jet

## Case 1

- ▶ 72 y/o female with HTN, HLD, AF, COPD, CKD stage III, s/p tissue AVR 2010, with mechanical MVR in 3/2016 (MS) and re-do AVR (Perceval small sutureless valve), MV revision 2016 for bioprosthetic AS/PPM, mechanical MR from tissue interaction
- Surgery was complicated by multiple intrachest injury due to adhesions from prior surgeries
- Discharged ~ 16 days later
- ▶ Presents 2 months after latest surgery with significant aortic regurgitation and renewed symptoms







































