Sitting with the Heart Valve Team: Cases to Learn From

Wendy Tsang, MD, SD
Assistant Professor, University of Toronto
Toronto General Hospital – University Health Network
Disclosures

Research support:
- Heart and Stroke Foundation of Canada
- Canadian Cardiovascular Society/BMS Pfizer Atrial Fibrillation Research Award
- PMCC Innovation Award
- MSH UHN AMO Innovation Award
- Tiffin Trust
- Philips Healthcare
- Siemens

Salary Support:
- Heart and Stroke Foundation of Canada National New Investigator Award

Honoraria:
- UptoDate
Objectives

• To present a case covering the decision-making around a percutaneous mitral edge-to-edge repair case
Case

- 60 y.o. F with idiopathic dilated CM
- Severe secondary MR
Case

- Posterior leaflet length >8 mm
Dropping Grippers

Closing Clip

Post Closure Assessment
But then increasing MR......
Post Clip Removal Assessment
Post Clip Removal Assessment
Lessons Learned

1. With secondary MR, the problem is not one of excessive tissue
2. Tissues themselves are ‘not normal’/fragile. The focal calcium on the posterior leaflet may have created a less flexible region
3. The larger clips may not be appropriate in these cases