

# PREMISE

A Pan-Canadian, Retrospective  
Evaluation of MitraClip Safety and  
Efficacy

# STUDY OBJECTIVES

1. To evaluate efficacy and safety of percutaneous mitral valve repair with the MitraClip in Canada
2. To describe the population of patients undergoing percutaneous mitral valve repair with the MitraClip in Canada, including demographics, mitral regurgitation etiology and severity, functional status and co-morbidities.

# STUDY OUTCOMES

## **Efficacy Outcomes**

1. Mitral regurgitation (MR) severity before the procedure and at 12 months after the procedure
2. Hospitalization for heart failure 12 months prior and 12 months after the procedure
3. All-cause mortality at 12 months

## **Safety Outcomes**

1. Single leaflet device attachment (SLDA)
2. Device embolization
3. Major bleeding
4. Mitral stenosis requiring surgery
5. Any device related complication requiring non-elective cardiovascular surgery at 1 month and 12 months

## **Other Outcomes**

Economic evaluation, including health resource utilization, costs and cost-effectiveness