

## **Diagnosis, Management and Treatment of Left Heart Hypoplasia: Evaluating Surgical Outcomes, Complications, Co-Morbidities, Short and Long Term Outcomes**

- The purpose of this study is to determine historical trends from our institution and to better understand clinical outcomes in pediatric patients with left heart hypoplasia as well as assess differences in surgical techniques in terms of clinical outcomes.

**Specific Aim 1:** Determine historical patient outcomes related to the diagnosis, treatment and management of a spectrum of left heart hypoplasia patients and/or single ventricle patients.

**Specific Aim 2:** Determine patient characteristics and clinical and laboratory predictors of short and long term outcomes related to left heart hypoplasia and/or single ventricles.

**Specific Aim 3:** Evaluate surgical technique differences and assess possible clinical implications in order to determine recommendations for optimal management strategy including cost associated with diagnosis, management and treatment.