Background & Aim

Aim: To design reliable processes that improve the safety and quality of the perioperative process for CMG and result in 10% reduction in length-of-stay (LOS) and readmission rates.

Performance Measurement

- Perioperative spending per patient: $122,953
- $13,820 Preoperative
- $57,223 Hospitalization
- $51,911 Post-discharge

Economic Analysis

- LOS (days)
  - Cost/unit: $6,733
  - Cost savings: $40,000
  - Total Cost: $86,882.9
- 26% improvement in outcomes
- $23,000 potential savings per patient
- $1.1 million estimated annual savings (50 surgeries per year)
- Additional outpatient visits: $1,000

Conclusions & Perspectives

- Multidisciplinary team effectively employed SE methods to understand and improve complex perioperative care
- Preoperative care and family involvement can positively impact outcomes with little additional cost
- Currently spreading to other types of surgical procedures involving complex patients
- Next phase to involve postoperative care improvement

For More Information