

## **IMPLEMENTING AN OUTPATIENT ORTHOPEDIC PERIOPERATIVE SURGICAL HOME**

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### **BACKGROUND INFORMATION:**

It has been reported that in the United States, the perioperative environment is known for high perioperative care costs, disorganized care across the continuum, and variability in multiple processes such as preoperative lab testing, pre-op education and orders which vary by surgeon and service. All of this leads to fragmented patient care standards and unpredictable patient outcomes.

### **OBJECTIVES OF PROJECT:**

Changes in healthcare are pushing us to move towards transforming surgical care with a process that improves quality, lowers cost and improves patient satisfaction. The Perioperative Surgical Home is a patient-centered, multidisciplinary team-based approach to coordinated care that guides the patient through the surgical experience from scheduling through discharge and beyond.

### **PROCESS OF IMPLEMENTATION:**

Utilizing Lean Six Sigma processes, Preoperative, Intraoperative and Discharge/Post Discharge Teams were formed with multi-disciplinary representation of anesthesiologists, surgeons, nursing from all phases of the perioperative period, physical therapy, case management, information technology, pharmacists and performance improvement. Detailed current-state process analysis of the patient's first visit to the surgeon through 30 days post discharge was done and analyzed in detail. Teams addressed barriers, waste and problems to standardized care and worked to re-define roles and responsibilities, create new standardized protocols, order pathways, education and communication tools.

### **STATEMENT OF SUCCESSFUL PRACTICE:**

A pilot program focused on total joint replacement was started in October, 2012. After implementation, all metrics showed an improvement in targeted areas such as length of stay, 30 day readmission, operating direct cost and overall patient satisfaction. Another pilot for the urology service is underway for specific procedures. After implementation of orthopedic outpatients in Fall 2014, we will progress to other services such as neurosurgery, bariatric, colorectal and cardiology.

### **IMPLICATIONS FOR ADVANCING THE PRACTICE OF PERIANESTHESIA NURSING:**

PeriAnesthesia nurses at all levels have been involved in the Perioperative Surgical Home. A Nurse Practitioner has been hired to respond post-operatively to all patient issues even after discharge. Nurses in the PACU and Pre and Post Care Unit participate in patient education and postop follow-up. Nurse Practitioners in the CPC (Center for Perioperative Care) are integrally involved in patient optimization for surgery. The PSH process enhances team work and collaboration between all disciplines involved in the care of the orthopedic surgical patient.