



Abbreviations (laboratory and radiology studies excluded):

- 3W - three west floor
- PACU- post anesthesia care unit
- PO - by mouth
- PRN - as needed
- PTX - pneumothorax
- TIVA - total intravenous anesthesia

Preoperative Care

Preoperative Care:

- Scopolamine Patch (1 mg transdermal), ordered in SDS
- Carbohydrate-rich drink up to 2 hours before surgery
- Anxiolysis - midazolam per anesthesia team

Intraoperative Care

Maintenance of Anesthesia:

- **Volatile** or TIVA at discretion of anesthesiologist
- **Normothermia:**
 - Utilize Bair Hugger
 - Goal intraoperative temperature 36° - 38° C
- **Euvolemia:**
 - Goal directed management with target euvolemia and avoidance of unnecessary over-administration
 - Isotonic fluids at 3-7 ml/kg/hr

Intraoperative Pain Management Protocol:

- **Cryoablation of intercostal nerves performed by surgeon**
 - Pain lowering effects of cryoablation may be delayed in the immediate post-operative period
- **Multimodal Analgesia:**
 - IV acetaminophen 10 -15 mg/kg at beginning of case
 - Ketamine 0.5 mg/kg - 1 mg/kg bolus at beginning of case
 - Dexmedetomidine infusion 0.5 mcg/kg/hr
 - Fentanyl prn during procedure
 - Ketorolac 0.5 mg/kg (max 15 mg) at end of case
 - Hydromorphone 10 mcg/kg X 1 at end of case

Antibiotics:

- Discuss at huddle
- Administer before incision

Antiemetics:

- Dexamethasone 0.1mg/kg (max 8mg) **and** ondansetron 0.15 mg/kg (max 4mg)

PACU - 3 West

PACU Pain Medications:

- Fentanyl 0.5 mcg/kg q5 min PRN pain
- Hydromorphone 5 mcg/kg q5 min PRN pain
- Diazepam 0.05 - 0.1 mg/kg (max 5 mg) IV x 1 PRN muscle spasm

Chest x-ray to confirm correct bar placement position

Does patient meet discharge criteria from 3W?

Admit for overnight stay

Discharge Criteria from 3W

Following a 6-Hour observation time, medical staff to determine patient's discharge status based on:

- Pain well controlled
- Able to tolerate clears
- Stable respiratory status (Patients at risk for PTX)

Discharge home with post-operative follow up visit in two weeks