**Pre-Op**

**Pre-emptive Analgesia:**
- Celebrex 200 mg PO.
- Lyrica 75 mg PO.
- Acetaminophen 1 gm IV.

**Infection prophylaxis:**
- **Cefazolin** 30 minutes before incision
  - 1 gm IV for Patients < 80 kg
  - 2 gm IV for patients > 80 kg.
  - If Penicillin allergy use **Vancomycin** 1 gm IV infusion within an hour.

**Intra-op/Anesthesia**

**Anesthesia plan**
- Combined Epidural spinal, (preferred choice), follow ASRA guideline for exclusion of CSE Anesthesia.
- Alternatively, General Anesthesia with no ND paralytic agent.

**Prevention of blood loss:**
- Tranexamic Acid 10mg/kg IV before incision. (1st Dose)
- Tranexamic Acid 10mg/kg IV at closure (2nd Dose).
  (look exclusion group for TXA)

**Maintain normothermia** with forced Air or Fluid warmer.

**Propofol sedation if Spinal anesthesia planned.**

**Fluid Management:**
- Combination of colloid and crystalloids.

**Postop**

Post-operative Pain management as per Acute Pain service care plan.