Total Knee Arthroplasty protocol.

| Pre-op | Pre-emptive Analgesia:  
Celebrex 200 mg po.  
Lyrica 75 mg po.  
Acetaminophen 1 gm IV.  
Adductor canal nerve block/FNB.  

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. |
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| Intra-op/Anesthesia | Anesthesia plan  
Spinal Anesthesia with 0.75% Bupivacaine first choice, follow ASRA guideline for exclusion of spinal Anesthesia.  
Alternatively, General Anesthesia with no ND paralytic agent.  
Prevention of blood loss:  
Tranexamic Acid 10 mg/kg IV before incision. (1st dose)  
Tranexamic Acid 10 mg/kg IV after tourniquet release. (2nd Dose).  
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. |