ADULT RECONSTRUCTION & JOINT REPLACEMENT DEPARTMENT OF ORTHOPAEDIC SURGERY UNIVERSITY OF MICHIGAN HEALTH SYSTEM

Inpatient Total Knee Replacement Pathway

Patient and Support Coach Jobs Knee Goals Ankle Pumps Do 10 every hour. **Day of Surgery** The first two weeks after surgery is the most critical time for you to regain range of motion Jobs Ask for assistance from staff (RN, therapist, or aide) (ROM) in your new knee. Have your Support Coach arrive by to get up from bed or chair Ice your knee often Your goals is to achieve (You need to ask for ice and ice refills) ROM of 0 to 90 degrees Coach by your two week follow up When resting, keep your leg straight. Don't put **Thigh Squeeze** scan immediately after you urinate What Should appointment. blankets or pillows under you knee. Tighten thigh muscles and straighten your knee. • Ask for assistance from staff (RN, therapist, or hold for 5-10 seconds. Work up to 10 reps, 3 times I Do? Start your exercises aide) to get up from bed or chair - Straighten Leg (0 degrees) per day. Let staff know if you have pain, ask for • Ice your knee often - Bent Leg (90 degrees) Support pain medicine (You need to ask for ice and ice refills) Continue your exercises Accomplish ROM Goals by: under your knee - Controlling pain and swelling • Let staff know if you have pain, ask for - Caring for your wound pain medicine - Doing your exercises and • Use your incentive spirometer 10 times every hour Prevent **Buttock Squeeze** Wear your squeezers (SCDs) on both legs at all **Dos and Don'ts** Tighten buttock muscles, hold for 5-10 seconds. Pneumonia Patient times, unless you are walking times, unless you are walking Work up to 10 reps, 3 times per day. and Blood If your squeezers are not on, or you don't feel If your squeezers are not on, or you don't feel Do not position a pillow under your knee them squeezing, please let staff know them squeezing, please let staff know Clots Wear TED Hose on your NON-OPERATIVE leg Wear TED Hose on **both** legs You may be hungry, but your stomach may not be You may be ready to eat a regular diet, Diet able to tolerate solid food yet. Nausea and vomiting but eat slowly are common after surgery. Listen to your nurse. NO **Medical Team Role** Heel Slides Bend your knee, sliding it toward your buttocks and • Decadron IV (q8 x 2) *(for inflammation/pain)* • Last dose of Post-Op pain protocol meds keeping your heel on the bed. Do not let your knee • Toradol IV (q6 x 3) (for inflammation/pain) (Decadron/Toradol) if not already completed roll inward. Work up to 10 reps, 3 times per day. • IV Antibiotic (q8 x 2) (prevent infection) - Must have 2 doses Post-Op (page Pharmacy 37185 for questions or **Medication** to assist with retiming of medications) • Decadron not given to Diabetics OK • Decadron not given to Diabetics Some meds may not be ordered due to medical Some meds may not be ordered due to medical conditions conditions • Other meds given based on patient needs or med hx • Other meds given based on patient needs or med hx When resting, keep knee extended Role • Ice knee often • Ice knee often • May ice thigh for tourniquet pain • May ice thigh for tourniquest pain Comfort Straight Leg Raises • Prop leg with blanket (NOT pillow) under calf, free • Prop leg with blanket (NOT pillow) under calf, free Lay with your operative leg straight and other leg floating knee and heel floating knee and heel Measures Team bent. Lift straight leg up and hold. Work up to 5 • Assess pain and need for pain meds Q4° minimally • Assess pain and need for pain meds Q4^o minimally reps, 3 times per day. (contact SJO/ SCO service pager if pain not controlled) • May get out of bed with assistance from staff (RN, PT, • May get out of bed with assistance from staff (RN, PT, OT, or aide), gait belt and walker (have clerk order from supply chain if not on floor) supply chain if not on floor) Medical **Activity** • Check weight bearing status order • Check weight bearing status order • Monitor orthostatic BP upon patient's first time up • Monitor orthostatic BP upon patient's first time up Start Post-Op exercises Continue Post-Op exercises • Clear liquids in PACU **OK** Diet Knee Extensions · Floor RN may advance diet as tolerated, if no evidence of ileus Place a rolled towel or ball under your knee. Lift of ileus Don't sit for long periods (more than 30 your heel, straightening your leg while tightening • Foley catheter to remain until Post-Op Day 1 (especially Remove foley @ 06:00am minutes) with your feet on the floor your thigh muscle, hold for 10 seconds. Work up to if Duramorph spinal) • Remove Catapres patch @ 06:00am 10 reps, 3 times per day. • Ensure patient has incentive spirometer and using properly (10x per hour) while awake Notify service if patient requires ISC Status SCDs on both legs (YES, including operative leg) at all times unless patient is walking all times unless patient is walking • TED Hose on non-operative leg • TED Hose on **both** legs once dressing is removed • If dressing necessary, use ACE wrap to secure. **Avoid for Long Periods** DO NOT use tape on knee

Day 1 After Surgery

8:00am. We suggest using valet parking

Let RN know when you urinate (there should be a hat in the toilet). The RN will need to do a bladder

• Keep leg straight. Do not put blankets or pillows

Use your incentive spirometer 10 times every hour Wear your squeezers (SCDs) on both legs at all

• Unless contraindicated, Celebrex (anti-inflammation), Neurontin (pain) prescribed only during hospitalization

(contact SJO/SCO service pager if pain not controlled)

OT, or aide), gait belt and walker (have clerk order from

• Floor RN may advance diet as tolerated, if no evidence

• Bladder scan after voiding, if PVR > 250cc, then ISC • SCDs on both legs (YES, including operative leg) at

Going Home

Keys to Discharge

Most patients are discharged the day after surgery

- □ Support Coach here
- □ Tolerating Diet
- Comfortable on oral pain medication
- Met Physical Therapy Goals
- □ Met Occupational Therapy Goals
- □ No difficulties urinating after foley catheter is removed
- Must have 2 bladder scans less than 250mL (2 separate voids)
- Walker is delivered to room (if needed)
- Discharge order placed in computer by MD / PA-C
- Prescriptions sent / e-prescribed to your Pharmacy
- Patient has copy of Care Pathway After Discharge (handed out in Pre-Op class, additional copies available on 5A)
- □ Patient has copy of Home Care Plan

Final Steps

- □ Nurse reviews discharge instructions
- □ Nurse removes IV
- □ Support Coach or Transport Services can take you to the front entrance in a wheelchair. Contact valet services to bring your car up, at (810) 360-1386