Procedure: ☐ THR ☐ TKR SIDE: ☐ RIGHT ☐ LEFT DISCHARGE DESTINATION: ☐ HOME ☐ INPATIENT REHAB

PREADMISSION TARGET DISCHARGE DATE \_\_\_\_\_

	Interventions	Outcomes
1. Assessment	Preadmission assessment completed	
	Consult: anesthesia or internal medicine (if requested)	
	Additional assessment: WOMAC/TUG/other (as per protocol)	
		D WOMAC TUG
		Other
2.Tests	Blood work (as per protocol)	
	X-ray of index joint (as per protocol)	
	Chest x-ray (as per protocol)	<u> </u>
	ECG (age >45)	
3. Treatments	Ed: blood conservation strategies (eg. autologous)	patient verbalize understanding
	Bone donation protocol (as per protocol)	patient verbalize understanding
4. Medication	Obtain medication profile	
	Ed: post op pain management (as per protocol)	verbalize understanding
	Ed: post op DVT prophylaxis (as per protocol)	verbalize understanding
	Ed: antibiotic prophylaxis (as per protocol)	verbalize understanding
	Ed: Chlorohexidene 4% (as per protocol)	verbalize understanding
5. Fluid	Ed: NPO status	verbalize understanding
Nutrition	Ed: post op bowel routine (as per protocol)	verbalize understanding
Elimination		
6. Activity /	Ed: post op PT protocol	verbalize understanding
Mobility	Ed: post op THR precautions	verbalize understanding
	Ed: pre-op exercises	verbalize understanding
7. Client / Family	Ed: Overall clinical pathway	verbalize understanding
Perspective	Provide education materials	
	Ed: Discharge destination	verbalize understanding
	Ed: Preparation for home	comfortable with process
0 D' 1	Concerns / questions addressed	// Abalias wadanatan dia a (f
8. Discharge	Patient discharge screening completed and planning made	Verbalize understanding of
Planning		discharge destination:
		homeinpatient rehab

May 31, 08

#### Day of Surgery - PACU Day - 0

	Interventions	Outcomes
1. Assessment	Assessment of VS, level of consciousness / airway, SaO <sub>2</sub> , CSM,	stable upon transfer to unit
	Dressings	
2. Tests	Blood work: CBC (if requested)	
	X-ray: AP hip or AP/Lat Knee (per protocol)	
3. Treatments	$O_2$ to keep SaO <sub>2</sub> > 94%	
	Blood transfusion	
4. Medication	Post op pain management per protocol	□ pain , 4/10 or manageable
5. Fluid	NPO	
Nutrition	IV fluids as per protocol	hemodynamic stable
Elimination	Monitor urine output	
6. Activity /		
Mobility		
7. Client / Family	Family informed of patients status	
Perspective		
8. Discharge	Patient transferred to unit when stable	
Planning		
_		

Day of Surgery – Inpatient Unit	Day - 0	

	Interventions	Outcomes
1. Assessment 2. Tests	Assessment as per protocol: VS / LOC eg. q1h x 4, then q4h if stable CSM eg. q1h x4 then q8h SaO <sub>2</sub> eg. q1h x 4 then q4h Dressings eg. q8h Pain eg. q4h Asses output from wound drain (if applicable)	stable stable stable dressings intact pain < 4/10 or manageable call MD if > 500ml/8 hours
3. Treatments	Titrate O <sub>2</sub> to keep SaO <sub>2</sub> > 94%	□ call MD if pt. Requires > 4L/min O <sub>2</sub>
	Titrate O <sub>2</sub> to keep SaO <sub>2</sub> > 94%	call MD if pt. Requires > 4L/min O <sub>2</sub>
4. Medication	Post op pain management: eg. PCA, etc (as per protocol) Antibiotic (as per protocol) Eg. Cefazolin 1g IV q8h x 3 doses If allergic Clindamycin 600mg IV q8h x 3 doses Anticoagulation (per protocol)  LMWH Warfarin Antiemetics (gravol) as required	pain , 4/10 or manageable  nausea under control if not call MD
5. Fluid Nutrition Elimination	Clear to full fluid diet as tolerated IV fluids as per protocol reduce to TKVO when drinking well Foley catheter as per protocol Monitor urine output	hemodynamic stable monitor urine output call MD if < 240 ml/8 hours
6. Activity / Mobility	Bed rest and positioning Encourage patient to sit on side of bed if tolerated Observe THR precautions Bed exercises Isometric quads, gluteal, foot & ankle exercises Deep breathing10 deep breaths /hr, cough if secretions	
7. Client / Family Perspective	Provide support and education re: post-op exercises and discharge	
8. Discharge Planning	Confirm discharge plan and target date of discharge	

Post-op Day 1	

	Interventions	Outcomes
1. Assessment	Assessment (as per protocol) VS eg. q shift if stable CSM eg. q shift if stable SaO <sub>2</sub> eg. q shift if stable until pt off O <sub>2</sub> Dressings q8h Pain q4h	stable call MD if BP < 90 systolic or temp > 38.5 stable stable dressings intact pain < 4/10 or manageable
2. Tests	CBC, lytes, creatinine, PT/INR (if on warfarin), BS (if diabetic)	□ call MD if Hb <80 or pt. symptomatic
3. Treatments	Titrate O <sub>2</sub> to keep SaO <sub>2</sub> > 94% Change wound dressings (as per protocol) Remove wound drain if output < 100 ml/ 8hours (if applicable) Inform MD of INR results for Warfarin order (if applicable) Blood transfusion (as per protocol)	call MD if pt. Requires > 4L/min O <sub>2</sub> incision clean / intact call MD if Hb <80 or pt. Symptomatic or Hb<100 with cardiac dis.
4. Medication	Post op pain management: D/C PCA, etc (as per protocol) Anticoagulation (as per protocol)  LMWH 5,000 IU Fragmin / day Warfarin Antiemetics (gravol) as required Bowel routine: (as per protocol) Eg. Start post-op day 1: Docusate 200mg po qam, Sennosides 12mg tab 1-4 tabs po hs prn, Glycerin suppository per rectum prn, Fleet enema per rectum prn	pain , 4/10 or manageable  number of manageable number control if not call MD
5. Fluid Nutrition Elimination	Progress to high fiber DAT as tolerated Monitor dietary intake & output q shift (bowel sounds) IV fluids as per protocol reduce to saline lock when drinking well Foley catheter as per protocol, DC Foley 4 hrs post DC of PCA Monitor urine output / urinary retention	hemodynamic stable monitor urine output call MD if < 240 ml/8 hours
6. Activity / Mobility	Initiate PT treatments bid OT assessment (as per protocol) Up in chair in AM with assistance (as per protocol) Encourage deep breathing & coughing Active / assisted bed and chair exercises TKR/THR begin AAROM exercises THR review precautions Teach safe transfer techniques Gait training begin assisted walking in AM if stable Weight Bearing: (unless otherwise stated by MD) TKR full weight bearing THR cemented / hybrid full weight bearing THR uncemented (as per protocol)	□ □ □ □ □ Pt transferring ↔lying to sitting assist Sitting ↔ standing assist Up to stand WB Aid assist Ambulated meters aidassist Up in chair mins Stairs TKR ROM
7. Client / Family Perspective	Identify and address patient / family concerns	<u></u>
8. Discharge Planning	Review discharge plan and goals  Confirm with designated inpatient rehab unit of transfer in 24 - 48  hrs  Ed: patient on self administration of LMWH	

#### Post-op Day 2

	Interventions	Outcomes
1. Assessment	Assessment as per protocol:	□ stable call MD if BP < 90 systolic or
	VS eg. q shift if stable	temp > 38.5
	CSM eg. q shift if stable	□ stable
	SaO <sub>2</sub> eg. q shift if stable until pt off O <sub>2</sub>	□ stable
	Incision check	□ incision clean / intact
	Pain q4h	□ pain < 4/10 or manageable
2. Tests	CBC, lytes, creatinine , PT/INR (if on warfarin), BS (if diabetic	all MD if Hb <80 or pt. symptomatic
3. Treatments	Titrate O <sub>2</sub> to keep SaO <sub>2</sub> > 94%	□ call MD if pt. still requires O <sub>2</sub>
	Change wound dressings (as per protocol)	incision clean / intact
	Inform MD of INR results for Warfarin order (if applicable)	
	Blood transfusion (as per protocol)	all MD if Hb <80 or pt. Symptomatic
	, , ,	or Hb<100 with cardiac dis
4. Medication	Post op pain management: oral analgesics (as per protocol)	□ pain , 4/10 or manageable
	Anticoagulation (per protocol)	
	□ LMWH 5,000 IU / day Fragmin □ Warfarin	
	Antiemitics (gravol) as required	
	Bowel routine: (as per protocol)	nausea under control if not call MD
	Fe Gluconate 300 mg po tid	
5. Fluid	High fiber DAT as tolerated	
Nutrition	Monitor dietary intake & output q shift (bowel sounds)	pt has had bowel movement
Elimination	IV fluids as per protocol reduce to TKVO when drinking well	monitor urine output call MD if <
	DC routine Foley catheter	240 ml/8 hrs
	Monitor urine output / urinary retention (as per protocol)	call MD if urinary retention
6. Activity /	PT treatments bid	
Mobility	OT intervention (as per protocol)	Pt transferring ↔lying to sitting assist
,	Encourage deep breathing and coughing	Sitting ↔ standing assist
	Continue Active / assisted bed and chair exercises	Up to stand WB Aid
	TKR/THR progress AAROM exercises	assist
	THR review precautions	Ambulatedmetersaid assist
	Teach safe active assisted transfers from bed to chair and sit to	Up in chair mins Stairs
	stand	TKR ROM
	Gait training assisted walking in AM and PM	
	Initiate stair climbing exercise with supervision	
7. Client / Family	Identify and address patient / family concerns	
Perspective		
8. Discharge	Confirm discharge home including:	
Planning	Home equipment / aids arranged	
	Arrangements made for journey home	
	Confirm outpatient physiotherapy appointment (if applicable)	
	Confirm CCAC (if applicable)	
	Ed: patient on self administration of LMWH	
	D/C slow stream patients to inpt rehab or confirm their transfer	
	tomorrow	

### Post-op Day 3

	Interventions	Outcomes
1. Assessment	Assessment (as per protocol)	stable call MD if BP < 90 systolic or
	VS eg. q shift if stable	temp > 38.5
	CSM eg. q shift if stable	□ stable
	$SaO_{2 eg.}$ q shift if stable until pt off $O_{2}$	□ stable
	Incision check	□ incision clean / intact
	Pain q4h	pain < 4/10 or manageable
2. Tests	CBC, lytes, creatinine, PT/INR (if on warfarin), BS (if diabetic)	call MD if Hb <80 or pt. symptomatic
3. Treatments	Titrate O <sub>2</sub> to keep SaO <sub>2</sub> > 94%	□ call MD if pt. still requires O₂
	Change wound dressings (as per protocol)	□ incision clean / intact
	Inform MD of INR results for Warfarin order (if applicable)	<u> </u>
	Blood transfusion (as per protocol)	all MD if Hb <80 or pt. Symptomatic
		or Hb<100 with cardiac dis.
4. Medication	Post op pain management: oral analgesics (as per protocol)	□ pain , 4/10 or manageable
	Anticoagulation (as per protocol)	
	□ LMWH 5,000 IU / day Fragmin □ Warfarin	
	Antiemitics (gravol) as required	nausea under control if not call MD
	Bowel routine: (as per protocol)	
	Fe Gluconate 300 mg po tid	
5. Fluid	High fiber DAT as tolerated	
Nutrition	Monitor dietary intake & output q shift (bowel sounds)	no ileus/pt has had bowel
Elimination	IV fluide on non muchocal modules to police leak vibor deinking wall	movement
	IV fluids as per protocol reduce to saline lock when drinking well	monitor urine output call MD if < 240 ml/8 hrs
	Monitor urine output / urinary retention	all MD if urinary retention
6. Activity /	PT treatments bid (as per protocol)	Transfers
Mobility	OT intervention (as per protocol)	
Wiodinty	Encourage deep breathing and coughing	lying ⇔sit I A U
	Encourage independence in self care	sit ↔ standing I A U
	Continue Active / assisted bed and chair exercises	Stairs I A U
	TKR/THR progress AAROM exercises	Up in chairmins
	THR review precautions	Walkmeters
	Gait training assisted walking in AM and PM	Aid Assist
	Teach safe active assisted transfers from bed to chair and sit to	
	stand	I – independent A- assistance U – unable
	Initiate/Continue stair climbing exercise with supervision	TKR ROM
7. Client / Family	Identify and address patient / family concerns	
Perspective		
8. Discharge	D/C stable patients home	
Planning	Ed: patient going home on self administration of LMWH (if	
	required)	
	Confirm discharge home for unstable patients including:	□Pt temp < 38,□ off O2,
	Home equipment / aids arranged	USS, incision intact,
	Arrangements made for journey home	☐ HB > 80 / asymp., ☐ voiding
	Confirm outpatient physiotherapy appointment (if applicable)	well,tolerating diet,Pt
	Confirm CCAC (if applicable)	understands rehab goals / outcomes
	D/C slow stream patients to Inpatient Rehab	Letter to MD done
		Transfer sheet completed FU appointment booked
		E FU appointment booked

#### Post-op Day 4: Target Discharge

	Interventions	Outcomes
1. Assessment	Assessment as per protocol: VS eg. q shift if stable CSM eg. q shift if stable SaO $_2$ eg. q shift if stable until pt off O $_2$ Incision check Pain q4h	stable call MD if BP < 90 systolic or temp > 38.5 stable call MD if pt still requires O2 incision clean / intact pain < 4/10 or manageable
2. Tests	PT/INR (if on warfarin), BS (if diabetic)	
3. Treatments	Change wound dressings (as per protocol) Inform MD of INR results for Warfarin order (if applicable)	incision clean / intact
4. Medication	Post op pain management: oral analgesics (as per protocol) Anticoagulation (per protocol)  LMWH 5,000 IU / day Fragmin	pain , 4/10 or manageable nausea under control if not call MD
5. Fluid Nutrition Elimination	High fiber DAT as tolerated  Monitor dietary intake & output q shift (bowel sounds)  Monitor urine output / urinary retention q shift	tolerating oral intake the pt has had bowel movement call MD if urinary retention
6. Activity / Mobility	PT treatments bid OT interventions (as per protocol) ADL and assessment of home equipment needs Encourage deep breathing and coughing Encourage independence in self care Continue Active / assisted bed and chair exercises TKR/THR progress AAROM exercises THR review precautions Teach safe active assisted transfers from bed to chair and sit to stand Gait training assisted walking in AM and PM Continue stair climbing exercise with supervision	Transfers  Iying ⇔sit I A U  sit ⇔ standing I A U  Stairs I A U  Up in chairmins  WalkmetersAidAssist  I – independent A- assistance U – unable  TKRROM
7. Client / Family Perspective	Express confidence in activity level and safe precautions	
8. Discharge Planning	D/C home today	Pt comfortable with self injection  CCAC visit / equipment organized Arrangements for journey made