Neuro Lumbar Fusion Post-Op [1830]

General

Common Present on Admission Diagnosis

[ ]	Acidosis	Post-op
[ ]	Acute Post-Hemorrhagic Anemia	Post-op
[ ]	Acute Renal Failure	Post-op
[ ]	Acute Respiratory Failure	Post-op
[ ]	Acute Thromboembolism of Deep Veins of Lower Extremities	Post-op
[ ]	Anemia	Post-op
[ ]	Bacteremia	Post-op
[ ]	Bipolar disorder, unspecified	Post-op
[ ]	Cardiac Arrest	Post-op
[ ]	Cardiac Dysrhythmia	Post-op
[ ]	Cardiogenic Shock	Post-op
[ ]	Decubitus Ulcer	Post-op
[ ]	Dementia in Conditions Classified Elsewhere	Post-op
[ ]	Disorder of Liver	Post-op
[ ]	Electrolyte and Fluid Disorder	Post-op
[ ]	Intestinal Infection due to Clostridium Difficile	Post-op
[ ]	Methicillin Resistant Staphylococcus Aureus Infection	Post-op
[ ]	Obstructive Chronic Bronchitis with Exacerbation	Post-op
[ ]	Other Alteration of Consciousness	Post-op
[ ]	Other and Unspecified Coagulation Defects	Post-op
[ ]	Other Pulmonary Embolism and Infarction	Post-op
[ ]	Phlebitis and Thrombophlebitis	Post-op
[ ]	Protein-calorie Malnutrition	Post-op
[ ]	Psychosis, unspecified psychosis type	Post-op
[ ]	Schizophrenia Disorder	Post-op
[ ]	Sepsis	Post-op
[ ]	Septic Shock	Post-op
[ ]	Septicemia	Post-op
[ ]	Type II or Unspecified Type Diabetes Mellitus with Mention of Complication, Not Stated as Uncontrolled	Post-op
[ ]	Urinary Tract Infection, Site Not Specified	Post-op

Elective Outpatient, Observation, or Admission (Single Response)

( )	Elective outpatient procedure: Discharge following routine recovery	Routine, Continuous, PACU & Post-op
( )	Outpatient observation services under general supervision	Admitting Physician: Patient Condition: Bed request comments: PACU & Post-op
( )	Outpatient in a bed - extended recovery	Admitting Physician: Bed request comments: PACU & Post-op
( )	Admit to Inpatient	Admitting Physician: Level of Care: Patient Condition: Bed request comments: Certification: I certify that based on my best clinical judgment and the patient's condition as documented in the HP and progress notes, I expect that the patient will need hospital services for two or more midnights. PACU & Post-op

Admission or Observation (Single Response)

Patient has active outpatient status order on file

( ) Admit to Inpatient	Admitting Physician: Level of Care: Patient Condition: Bed request comments: Certification: I certify that based on my best clinical judgment and the patient's condition as documented in the HP and progress notes, I expect that the patient will need hospital services for two or more midnights. PACU & Post-op
( ) Outpatient observation services under general supervision	Admitting Physician: Patient Condition: Bed request comments: PACU & Post-op
( ) Outpatient in a bed - extended recovery	Admitting Physician: Bed request comments: PACU & Post-op
( ) Transfer patient	Level of Care: Bed request comments: Scheduling/ADT
( ) Return to previous bed	Routine, Until discontinued, Starting S, Scheduling/ADT

Admission (Single Response)

Patient has active status order on file

( ) Admit to inpatient	Admitting Physician: Level of Care: Patient Condition: Bed request comments: Certification: I certify that based on my best clinical judgment and the patient's condition as documented in the HP and progress notes, I expect that the patient will need hospital services for two or more midnights. PACU & Post-op
( ) Transfer patient	Level of Care: Bed request comments: Scheduling/ADT
( ) Return to previous bed	Routine, Until discontinued, Starting S, Scheduling/ADT

Transfer (Single Response)

Patient has active inpatient status order on file

( ) Transfer patient	Level of Care: Bed request comments: Scheduling/ADT
( ) Return to previous bed	Routine, Until discontinued, Starting S, Scheduling/ADT

Code Status (Single Response)

( ) Full code	Code Status decision reached by: Post-op

( ) DNR (Do Not Resuscitate) (Selection Required)

[ ] DNR (Do Not Resuscitate)	Did the patient/surrogate require the use of an interpreter? Did the patient/surrogate require the use of an interpreter? Does patient have decision-making capacity? Post-op
[ ] Consult to Palliative Care Service	

[ ]	Consult to Palliative Care Service	Priority: Reason for Consult? Order? Name of referring provider: Enter call back number:
[ ]	Consult to Social Work	Reason for Consult: Post-op
( )	Modified Code	Did the patient/surrogate require the use of an interpreter? Did the patient/surrogate require the use of an interpreter? Does patient have decision-making capacity? Modified Code restrictions: Post-op
( )	Treatment Restrictions ((For use when a patient is NOT in a cardiopulmonary arrest))	I understand that if the patient is NOT in a cardiopulmonary arrest, the selected treatments will NOT be provided. I understand that all other unselected medically indicated treatments will be provided. Treatment Restriction decision reached by: Specify Treatment Restrictions: Post-op

Isolation

[ ]	Airborne isolation status	
[ ]	Airborne isolation status	Details
[ ]	Mycobacterium tuberculosis by PCR - If you suspect Tuberculosis, please order this test for rapid diagnostics.	Once, Post-op
[ ]	Contact isolation status	Details
[ ]	Droplet isolation status	Details
[ ]	Enteric isolation status	Details

Precautions

[ ]	Aspiration precautions	PACU & Post-op
[X]	Fall precautions	Increased observation level needed: PACU & Post-op
[ ]	Latex precautions	PACU & Post-op
[ ]	Seizure precautions	Increased observation level needed: PACU & Post-op
[ ]	Spinal precautions	PACU & Post-op

Nursing

Vital Signs

[X]	Vital signs - T/P/R/BP	Routine, Per unit protocol, PACU & Post-op

Activity

[ ]	Strict bed rest	Routine, Until discontinued, Starting S, PACU & Post-op
[ ]	Activity as tolerated	Routine, Until discontinued, Starting S Specify: Activity as tolerated PACU & Post-op
[ ]	Up with assistance	Routine, Until discontinued, Starting S Specify: Up with assistance PACU & Post-op
[ ]	Up in chair for meals	Routine, Until discontinued, Starting S Specify: Up in chair Additional modifier: for meals Up in chair for all meals, PACU & Post-op
[ ]	Head of bed 30 degrees	Routine, Until discontinued, Starting S Head of bed: 30 degrees PACU & Post-op

[ ] Head of bed flat	Routine, Until discontinued, Starting S Head of bed: flat PACU & Post-op

Nursing

[ ] Telemetry	**"And" Linked Panel**
[ ] Telemetry monitoring	Routine, Continuous For 3 Days Order: Place in Centralized Telemetry Monitor: EKG Monitoring Only (Telemetry Box) Reason for telemetry: Can be off of Telemetry for tests and baths? Yes PACU & Post-op
[ ] Telemetry Additional Setup Information	Routine, Continuous High Heart Rate (BPM): 120 Low Heart Rate(BPM): 50 High PVC's (per minute): 10 High SBP(mmHg): 175 Low SBP(mmHg): 100 High DBP(mmHg): 95 Low DBP(mmHg): 40 Low Mean BP: 60 High Mean BP: 120 Low SPO2(%): 94 PACU & Post-op
[X] Assess operative site	Routine, Every 8 hours, PACU & Post-op
[X] Assess for nausea	Routine, Every 4 hours Assess: for Nausea PACU & Post-op
[X] Neurological assessment	Routine, Every 4 hours Assessment to Perform: Spinal exams Perform: Motor exam of extremities,Sensory exam of extremities Area: Lower PACU & Post-op
[ ] Peripheral vascular assessment	Routine, Once, PACU & Post-op
[X] Assess pain	Routine, Every 4 hours Assess: pain PACU & Post-op
[X] Intake and output	Routine, Every shift, PACU & Post-op
[X] Height and weight	Routine, Once For 1 Occurrences On admission, PACU & Post-op
[ ] Assess cath site	Routine, Once, PACU & Post-op
[ ] Surgical/incision site care	Routine, Once Location: Site: Apply: Dressing Type: Open to air? PACU & Post-op
[ ] Reinforce dressing	Routine, As needed Reinforce with: If saturated., PACU & Post-op

[X] Drain care	Routine, Until discontinued, Starting S Drain 1: Hemovac Drain 2: Drain 3: Drain 4: All Drains: Specify location: Drainage/Suction: To Compression (Bulb) Suction,Other (specify) Flush drain with: Specify: To Compression suction for 2 hours and Gravity for 2 hours; PACU & Post-op
[ ] Drain care	Routine, Until discontinued, Starting S Drain 1: Hemovac Specify location: Drainage/Suction: To Compression (Bulb) Suction,Other (specify) Specify: To Compression suction for 1 hour and Gravity for 3 hours Flush drain with: Drain 2: Drain 3: Drain 4: All Drains: PACU & Post-op
[ ] Lumbar drain care	Routine, Until discontinued, Starting S Lumbar drain mgmt: PACU & Post-op
[ ] Place antiembolic stockings	Routine, Once, PACU & Post-op
[ ] Straight cath	Routine, Every 6 hours If unable to void after second attempt, insert Foley and call physician., PACU & Post-op
[X] Insert/Maintain Foley and Notify	
[X] Insert Foley catheter	Routine, Once Type: Size: Urinometer needed: Indication: If unable to void after second attempt at straight cath, insert Foley and call physician, PACU & Post-op
[X] Foley catheter care	Routine, Until discontinued, Starting S Orders: Maintain to gravity/bedside drain, PACU & Post-op
[X] Notify Physician if unable to void after second attempt at straight cath and Foley inserted	Routine, Until discontinued, Starting S, PACU & Post-op
[X] Bladder scan	Routine, Once For patients GREATER than 50 years old. If s/p post first void residual is GREATER than 300 mL with bladder scan, contact physician.
[ ] TLSO Brace	Routine, Until discontinued, Starting S Left/Right: Gender Size: Sizes: Obtain from orthotic provider., PACU & Post-op
[ ] Patient position: lumbar sacral support	Routine, Until discontinued, Starting S Position: Additional instructions: lumbar sacral support Obtain from orthotic provider, PACU & Post-op
[ ] Call Raborn Orthotics at 713-349-8117 for application of orthotic device	Routine, Until discontinued, Starting S, PACU & Post-op

[X] No anticoagulants INcluding UNfractionated heparin	Routine, Until discontinued, Starting S Reason for "No" order: High risk for bleeding PACU & Post-op
[X] No anti-platelet agents INcluding aspirin	Routine, Until discontinued, Starting S Reason for "No" order: High risk for bleeding PACU & Post-op

Notify

[X] Notify Physician if acute change in neurological status	Routine, Until discontinued, Starting S, PACU & Post-op
[X] Notify Physician for itching refractory to available medication	Routine, Until discontinued, Starting S, PACU & Post-op
[X] Notify Physician if bleeding at site	Routine, Until discontinued, Starting S, PACU & Post-op
[X] Notify Physician of No Bowel Movement for more than 72 hours	Routine, Until discontinued, Starting S, PACU & Post-op

Diet

[X] Diet - Clear liquids (advance as tolerated to Regular)	Diet effective now, Starting S Diet(s): Clear Liquids Advance Diet as Tolerated? Yes Target Diet: Regular Advance target diet criteria: Please assess bowel sounds between progressions. IDDSI Liquid Consistency: Fluid Restriction: Foods to Avoid: PACU & Post-op
[ ] Diet - Full liquids	Diet effective now, Starting S Diet(s): Full Liquids Advance Diet as Tolerated? IDDSI Liquid Consistency: Fluid Restriction: Foods to Avoid: PACU & Post-op
[ ] Diet - Regular	Diet effective now, Starting S Diet(s): Regular Advance Diet as Tolerated? IDDSI Liquid Consistency: Fluid Restriction: Foods to Avoid: PACU & Post-op
[ ] Diet - Heart healthy	Diet effective now, Starting S Diet(s): Heart Healthy Advance Diet as Tolerated? IDDSI Liquid Consistency: Fluid Restriction: Foods to Avoid: PACU & Post-op
[ ] Diet - 2000 Kcal/225 gm Carb	Diet effective now, Starting S Diet(s): 2000 Kcal/225 gm Carbohydrate Advance Diet as Tolerated? IDDSI Liquid Consistency: Fluid Restriction: Foods to Avoid: PACU & Post-op

[ ]	Diet	Diet effective now, Starting S Diet(s): Other Options: Advance Diet as Tolerated? IDDSI Liquid Consistency: Fluid Restriction: Foods to Avoid: Foods to Avoid: PACU & Post-op

Education

[X]	Patient education - Activity	Routine, Once Patient/Family: Education for: Activity PACU & Post-op
[X]	Patient education - Deep breathing and coughing exercises	Routine, Once Patient/Family: Education for: Other (specify) Specify: Deep breathing and coughing exercises PACU & Post-op
[X]	Patient education - Incentive spirometry	Routine, Once Patient/Family: Education for: Incentive spirometry PACU & Post-op
[X]	Patient education - Pain management	Routine, Once Patient/Family: Education for: Other (specify) Specify: Pain management PACU & Post-op
[ ]	Patient education - Smoking cessation	Routine, Once Patient/Family: Education for: Smoking cessation counseling PACU & Post-op
[X]	Patient education - Wound care	Routine, Once Patient/Family: Education for: Other (specify) Specify: Wound care PACU & Post-op

IV Fluids

IV Fluids (Single Response)

( )	lactated Ringer's infusion	intravenous, continuous, Post-op
( )	sodium chloride 0.9 % infusion	intravenous, continuous, Post-op
( )	sodium chloride 0.9 % with potassium chloride 20 mEq/L infusion	intravenous, continuous, Post-op
( )	dextrose 5 % and sodium chloride 0.45 % with potassium chloride 20 mEq/L infusion - for NPO Patients	intravenous, continuous, Post-op

Medications

Steroids (Single Response)

( )	dexamethasone (DECADRON) IV	4 mg, intravenous, every 6 hours scheduled, Post-op
( )	methylPREDNISolone sodium succinate (Solu-MEDROL) injection	40 mg, intravenous, every 6 hours scheduled, Post-op
( )	methylPREDNISolone (MEDROL PAK) dose pack (start in AM)	

THIS A PANEL. DO NOT EDIT.

[ ]	methylPREDNISolone (MEDROL) tablet	8 mg, oral, before breakfast - one time, For 1 Doses, Post-op
[ ]	methylPREDNISolone (MEDROL) tablet	4 mg, oral, after lunch - one time, S at 12:00 PM, For 1 Doses, Post-op

[ ]	methylPREDNISolone (MEDROL) tablet	4 mg, oral, after dinner - one time, For 1 Doses, Post-op All day-1 doses may be given (up to 6 tablets) may be given at one time based on time of day.
[ ]	methylPREDNISolone (MEDROL) tablet	8 mg, oral, nightly - one time, For 1 Doses, Post-op All day-1 doses may be given (up to 6 tablets) may be given at one time based on time of day.
[ ]	methylPREDNISolone (MEDROL) tablet	4 mg, oral, 3 times daily around food, Starting S+1, For 3 Doses, Post-op
[ ]	methylPREDNISolone (MEDROL) tablet	8 mg, oral, nightly - one time, Starting S+1, For 1 Doses, Post-op
[ ]	methylPREDNISolone (MEDROL) tablet	4 mg, oral, 4 times daily tapering, Starting S+2, Post-op

Medications

[ ]	pantoprazole (PROTONIX) IV or ORAL	**"Or" Linked Panel**
[ ]	pantoprazole (PROTONIX) EC tablet	40 mg, oral, daily at 0600, Post-op Indication(s) for Proton Pump Inhibitor (PPI) Therapy:
[ ]	pantoprazole (PROTONIX) 40 mg in sodium chloride 0.9 % 10 mL injection	40 mg, intravenous, daily at 0600, Post-op Per Med Staff Policy, R.Ph. will automatically switch IV to equivalent PO dose when above approved criteria are satisfied: Indication(s) for Proton Pump Inhibitor (PPI) Therapy:

PRN Medications - Symptom Management

[X]	acetaminophen (TYLENOL) tablet	650 mg, oral, every 6 hours PRN, fever, Temperature greater than 101 F, Post-op
[ ]	Itching - Neurosurgery medications (Single Response)	

Avoid diphenhydramine use in patients over 70 years old when possible.

( )	cetirizine (ZyrTEC) tablet	5 mg, oral, daily PRN, itching, Post-op
( )	diphenhydrAMINE (BENADRYL) injection	12.5 mg, intravenous, every 12 hours PRN, itching, Post-op

Medications - Bowel Management

[X]	polyethylene glycol (MIRALAX) packet	17 g, oral, 2 times daily, Post-op
[X]	Stool Softener Options (Single Response)	
(X)	docusate sodium (COLACE) capsule	100 mg, oral, 2 times daily, Post-op
( )	sennosides-docusate sodium (SENOKOT-S) 8.6-50 mg per tablet	2 tablet, oral, nightly, Post-op

Antibiotics (Single Response)

( ) Antibiotics - Neurosurgery - patients with surgical site drains

[ ] Antibiotics: For Patients LESS than or EQUAL to 120 kg

[ ]	cefazolin (ANCEF) IV - until drains removed	1 g, intravenous, every 8 hours Reason for Therapy: Surgical Prophylaxis Surgical Prophylaxis: Please follow institutional and service line-specific guidelines for surgical prophylaxis for the stop date/duration
[ ]	cefepime (MAXIPIME) IV	2 g, intravenous, every 12 hours Reason for Therapy: Surgical Prophylaxis Surgical Prophylaxis: Please follow institutional and service line-specific guidelines for surgical prophylaxis for the stop date/duration

[ ] vancomycin 15 mg/kg IV + Pharmacy Consult (Selection Required)

[ ]	vancomycin (VANCOCIN)	15 mg/kg, intravenous, once, For 1 Doses On call to cath lab. Transport antibiotics with patient to cath lab and administer prior to start of procedure Reason for Therapy: Surgical Prophylaxis
[ ]	Pharmacy consult to manage vancomycin	STAT, Until discontinued, Starting S Reason for Therapy: Surgical Prophylaxis Duration of Therapy (Days): Surgical Prophylaxis: Please follow institutional and service line-specific guidelines for surgical prophylaxis for the stop date/duration Indication: Implanted Device Prophylaxis

[ ] Antibiotics: For Patients GREATER than 120 kg

[ ] cefazolin (ANCEF) IV - until drains removed	1 g, intravenous, every 8 hours Reason for Therapy: Surgical Prophylaxis Surgical Prophylaxis: Please follow institutional and service line-specific guidelines for surgical prophylaxis for the stop date/duration
[ ] cefepime (MAXIPIME) IV	2 g, intravenous, every 12 hours Reason for Therapy: Surgical Prophylaxis Surgical Prophylaxis: Please follow institutional and service line-specific guidelines for surgical prophylaxis for the stop date/duration
[ ] vancomycin 15 mg/kg IV + Pharmacy Consult (Selection Required)	
[ ] vancomycin (VANCOCIN)	15 mg/kg, intravenous, once, For 1 Doses On call to cath lab. Transport antibiotics with patient to cath lab and administer prior to start of procedure Reason for Therapy: Surgical Prophylaxis
[ ] Pharmacy consult to manage vancomycin	STAT, Until discontinued, Starting S Reason for Therapy: Surgical Prophylaxis Duration of Therapy (Days): Surgical Prophylaxis: Please follow institutional and service line-specific guidelines for surgical prophylaxis for the stop date/duration Indication: Implanted Device Prophylaxis

( ) Antibiotics - Neurosurgery - patients withOUT surgical site drains

[ ] Antibiotics: For Patients LESS than or EQUAL to 120 kg

[ ] cefazolin (ANCEF) IV - until drains removed	2 g, intravenous, once, For 1 Doses Reason for Therapy: Surgical Prophylaxis Surgical Prophylaxis: Please follow institutional and service line-specific guidelines for surgical prophylaxis for the stop date/duration
[ ] cefepime (MAXIPIME) IV	2 g, intravenous, once, For 1 Doses Reason for Therapy: Surgical Prophylaxis Surgical Prophylaxis: Please follow institutional and service line-specific guidelines for surgical prophylaxis for the stop date/duration
[ ] vancomycin 15 mg/kg IV + Pharmacy Consult (Selection Required)	
[ ] vancomycin (VANCOCIN)	15 mg/kg, intravenous, once, For 1 Doses On call to cath lab. Transport antibiotics with patient to cath lab and administer prior to start of procedure Reason for Therapy: Surgical Prophylaxis
[ ] Pharmacy consult to manage vancomycin	STAT, Until discontinued, Starting S Reason for Therapy: Surgical Prophylaxis Duration of Therapy (Days): Surgical Prophylaxis: Please follow institutional and service line-specific guidelines for surgical prophylaxis for the stop date/duration Indication: Implanted Device Prophylaxis

[ ] Antibiotics: For Patients GREATER than 120 kg

[ ] cefazolin (ANCEF) IV - until drains removed	2 g, intravenous, once, For 1 Doses Reason for Therapy: Surgical Prophylaxis Surgical Prophylaxis: Please follow institutional and service line-specific guidelines for surgical prophylaxis for the stop date/duration
[ ] cefepime (MAXIPIME) IV	2 g, intravenous, once, For 1 Doses Reason for Therapy: Surgical Prophylaxis Surgical Prophylaxis: Please follow institutional and service line-specific guidelines for surgical prophylaxis for the stop date/duration
[ ] vancomycin 15 mg/kg IV + Pharmacy Consult (Selection Required)	
[ ] vancomycin (VANCOCIN)	15 mg/kg, intravenous, once, For 1 Doses On call to cath lab. Transport antibiotics with patient to cath lab and administer prior to start of procedure Reason for Therapy: Surgical Prophylaxis

[ ] Pharmacy consult to manage vancomycin	STAT, Until discontinued, Starting S Reason for Therapy: Surgical Prophylaxis Duration of Therapy (Days): Surgical Prophylaxis: Please follow institutional and service line-specific guidelines for surgical prophylaxis for the stop date/duration Indication: Implanted Device Prophylaxis

Muscle Relaxants (Single Response)

( ) methocarbamol (ROBAXIN) 500 mg in sodium chloride 0.9 % 100 mL IVPB	500 mg, intravenous, Administer over: 60 Minutes, every 8 hours PRN, muscle spasms, Post-op
( ) methocarbamol (ROBAXIN) tablet	500 mg, oral, every 8 hours PRN, muscle spasms, Post-op
( ) cyclobenzaprine (FLEXERIL) tablet	5 mg, oral, every 8 hours PRN, muscle spasms, Post-op

Muscle Relaxants - Refractory Treatments (Single Response)

Avoid postoperative diazepam ? 65 years of age

( ) diazepam (VALIUM) injection	2.5 mg, intravenous, every 8 hours PRN, muscle spasms, inadequate muscle spasm relief following administration of other agents, Post-op Indication(s): Other Specify: Muscle Relaxant
( ) diazepam (VALIUM) tablet	2.5 mg, oral, every 8 hours PRN, muscle spasms, inadequate muscle spasm relief following administration of other agents, Post-op Indication(s): Other Specify: Muscle Relaxant

Antiemetics

[X] ondansetron (ZOFRAN) IV or Oral (Selection Required)	**"Or" Linked Panel**
[X] ondansetron ODT (ZOFRAN-ODT) disintegrating tablet	4 mg, oral, every 8 hours PRN, nausea, vomiting, Post-op Give if patient is able to tolerate oral medication.
[X] ondansetron (ZOFRAN) 4 mg/2 mL injection	4 mg, intravenous, every 8 hours PRN, nausea, vomiting, Post-op Give if patient is UNable to tolerate oral medication OR if a faster onset of action is required.
[ ] promethazine (PHENERGAN) IV or Oral or Rectal	**"Or" Linked Panel**
[ ] promethazine (PHENERGAN) 12.5 mg IV	12.5 mg, intravenous, every 6 hours PRN, nausea, vomiting, Post-op Give if ondansetron (ZOFRAN) is ineffective and patient is UNable to tolerate oral or rectal medication OR if a faster onset of action is required.
[ ] promethazine (PHENERGAN) tablet	12.5 mg, oral, every 6 hours PRN, nausea, vomiting, Post-op Give if ondansetron (ZOFRAN) is ineffective and patient is able to tolerate oral medication.
[ ] promethazine (PHENERGAN) suppository	12.5 mg, rectal, every 6 hours PRN, nausea, vomiting, Post-op Give if ondansetron (ZOFRAN) is ineffective and patient is UNable to tolerate oral medication.
[ ] scopolamine (TRANSDERM-SCOP) 1.5 mg (1 mg over 3 days) - For Patients LESS than 65 years old	1 patch, transdermal, Administer over: 72 Hours, every 72 hours, Post-op

PRN Medications - Bowel Management

[ ] magnesium hydroxide suspension	30 mL, oral, daily PRN, constipation, Post-op
[ ] bisacodyl (DULCOLAX) EC tablet	5 mg, oral, daily PRN, constipation, Post-op
[ ] bisacodyl (DULCOLAX) suppository	10 mg, rectal, daily PRN, constipation, Post-op
[ ] magnesium citrate solution	150 mL, oral, daily PRN, constipation, For 2 Doses, Post-op

PRN Medications - Bowel Management

[ ] saline,mineral oil,glycerin (S.M.O.G.) enema	180 mL, rectal, once, Post-op

PRN Medications - Pain - Pain Score (1-3) (Single Response)

( ) acetaminophen (TYLENOL) tablet	650 mg, oral, every 4 hours PRN, mild pain (score 1-3), Post-op

( ) traMADol (ULTRAM) tablet	25 mg, oral, every 4 hours PRN, mild pain (score 1-3), Post-op Maximum Daily Dose: 200 mg/day Allowance for Patient Preference:

PRN Medications - Pain - Pain Score (4-6) (Single Response)

( ) HYDROcodone-acetaminophen (NORCO) 5-325 mg per tablet	1 tablet, oral, every 6 hours PRN, moderate pain (score 4-6), Post-op Allowance for Patient Preference:
( ) acetaminophen-codeine (TYLENOL #3) 300-30 mg per tablet	1 tablet, oral, every 4 hours PRN, moderate pain (score 4-6), Post-op The use of codeine-containing products is contraindicated in patients LESS THAN 12 years of age. Is this patient OVER 12 years of age? Y/N: Allowance for Patient Preference:
( ) traMADol (ULTRAM) tablet	50 mg, oral, every 6 hours PRN, moderate pain (score 4-6), Post-op Maximum Daily Dose: 200 mg/day Allowance for Patient Preference:

PRN Medications - Pain - Pain Score (7-10) (Single Response)

( ) HYDROcodone-acetaminophen (NORCO) 5-325 mg per tablet	2 tablet, oral, every 6 hours PRN, severe pain (score 7-10), Post-op Allowance for Patient Preference:
( ) acetaminophen-codeine (TYLENOL #3) 300-30 mg per tablet	2 tablet, oral, every 6 hours PRN, severe pain (score 7-10), Post-op The use of codeine-containing products is contraindicated in patients LESS THAN 12 years of age. Is this patient OVER 12 years of age? Y/N: Allowance for Patient Preference:
( ) fentaNYL (SUBLIMAZE) injection	25 mcg, intravenous, every 2 hour PRN, severe pain (score 7-10), Post-op Allowance for Patient Preference:
( ) morPHINE injection	2 mg, intravenous, every 3 hours PRN, severe pain (score 7-10), Post-op Allowance for Patient Preference:
( ) hydromorPHONE (DILAUDID) injection	0.5 mg, intravenous, every 3 hours PRN, severe pain (score 7-10), Post-op

PCA Medications - Not HMSJ (Single Response)

( ) fentaNYL PCA (SUBLIMAZE) 1500 mcg/30 mL + Nursing PCA Orders

[ ] fentaNYL PCA (SUBLIMAZE) 1500 mcg/30 mL (Single Response)

( ) fentaNYL (SUBLIMAZE) 1500 mcg/30 mL PCA solution for Opioid Naive	Nurse Loading Dose: Not Ordered PCA Dose: 10 mcg Lockout: 10 Minutes Four Hour Dose Limit: 150 mcg intravenous, continuous For breakthrough pain: Administer only if respiratory rate 12 per minute or more and POSS level of 2 or less. RN may bolus *** every *** hours as needed. If pain persists, may increase PCA demand dose by *** mcg ONCE. If more than 2 bolus doses in 12 hours or if pain persists after increase in demand dose, call ordering prescriber. Adjust doses for age, renal function or other factors.

[ ] Nursing PCA Orders

[ ] Vital signs - T/P/R/BP	Routine, Per unit protocol - Initially and every 30 minutes for 1 hour after PCA started, bolus administration or dose change; then - Every hour x 2 starting second hour after PCA started, bolus administered or dose change; then - Every 4 hours until PCA therapy is discontinued. - Immediately following PCA administration tubing change

[ ] PCA Documentation	Routine, Every 12 hours At the beginning (or end of each shift), prior to clearing PCA pump data, the following must be documented: doses delivered, number of attempts, total amount of medication infused (in mg or mcg), and volume remaining in syringe (residual volume).
[ ] Patient education Pain pump	Routine, Once, Starting S For 1 Occurrences Patient/Family: Education for: Pain pump Provide patient education on appropriate use of PCA including no PCA by proxy. Only the patient may press the dosing button.
[ ] Pasero Opioid-induced Sedation Scale	Routine, Every 6 hours, Starting S Assess POSS while patient has an active PCA order. Contact provider if score 3 or 4.
[ ] Notify Physician	Routine, Until discontinued, Starting S, - PCA pump infusion discontinued for any reason - Inadequate analgesia - Prior to administration of any other narcotics, antiemetics, or sedatives other than those ordered by the prescriber responsible for IV PCA therapy - PCA pump discontinued by any service other than the prescriber responsible for IV PCA therapy
[ ] Stop the PCA pump and call ordering physician and/or CERT team for any of the following:	Routine, Until discontinued, Starting S, - Respiratory rate 10 per minute or less - Severe and/or recent confusion or disorientation - POSS sedation level 4: Somnolent and difficult to arouse - Sustained hypotension (SBP less than 90) - Excessive nausea or vomiting - Urinary retention
[ ] IV Fluids for provision of PCA Therapy (Single Response)	
( ) sodium chloride 0.9 % infusion	30 mL/hr, intravenous, continuous
( ) dextrose 5% infusion	30 mL/hr, intravenous, continuous

( ) hydromorPHONE PCA (DILAUDID) 15 mg/30 mL + Nursing PCA Orders

[ ] hydromorPHONE PCA (DILAUDID) 15 mg/30 mL (Single Response)	
( ) hydromorPHONE (DILAUDID) 15 mg/30 mL in sodium chloride 0.9% PCA for Opioid Naive	Nurse Loading Dose: Not Ordered PCA Dose: 0.2 mg Lockout: 10 Minutes MAX (Four hour dose limit): 3 mg intravenous, continuous For breakthrough pain: Administer only if respiratory rate 12 per minute or more and POSS level of 2 or less. RN may bolus *** every *** hours as needed. If pain persists, may increase PCA demand dose by *** mg ONCE. If more than 2 bolus doses in 12 hours or if pain persists after increase in demand dose, call ordering prescriber. Adjust doses for age, renal function or other factors.
[ ] Nursing PCA Orders	
[ ] Vital signs - T/P/R/BP	Routine, Per unit protocol - Initially and every 30 minutes for 1 hour after PCA started, bolus administration or dose change; then - Every hour x 2 starting second hour after PCA started, bolus administered or dose change; then - Every 4 hours until PCA therapy is discontinued. - Immediately following PCA administration tubing change
[ ] PCA Documentation	Routine, Every 12 hours At the beginning (or end of each shift), prior to clearing PCA pump data, the following must be documented: doses delivered, number of attempts, total amount of medication infused (in mg or mcg), and volume remaining in syringe (residual volume).

[ ] Patient education Pain pump	Routine, Once, Starting S For 1 Occurrences Patient/Family: Education for: Pain pump Provide patient education on appropriate use of PCA including no PCA by proxy. Only the patient may press the dosing button.
[ ] Pasero Opioid-induced Sedation Scale	Routine, Every 6 hours, Starting S Assess POSS while patient has an active PCA order. Contact provider if score 3 or 4.
[ ] Notify Physician	Routine, Until discontinued, Starting S, - PCA pump infusion discontinued for any reason - Inadequate analgesia - Prior to administration of any other narcotics, antiemetics, or sedatives other than those ordered by the prescriber responsible for IV PCA therapy - PCA pump discontinued by any service other than the prescriber responsible for IV PCA therapy
[ ] Stop the PCA pump and call ordering physician and/or CERT team for any of the following:	Routine, Until discontinued, Starting S, - Respiratory rate 10 per minute or less - Severe and/or recent confusion or disorientation - POSS sedation level 4: Somnolent and difficult to arouse - Sustained hypotension (SBP less than 90) - Excessive nausea or vomiting - Urinary retention
[ ] IV Fluids for provision of PCA Therapy (Single Response)	
( ) sodium chloride 0.9 % infusion	30 mL/hr, intravenous, continuous
( ) dextrose 5% infusion	30 mL/hr, intravenous, continuous

( ) morPHINE PCA 30 mg/30 mL + Nursing PCA Orders

[ ] morPHINE PCA 30 mg/30 mL (Single Response)	
( ) morPHINE PCA 30 mg/30 mL in sodium chloride 0.9% for Opioid Naive	Nurse Loading Dose: Not Ordered PCA Dose: 1 mg Lockout Interval: 10 Minutes MAX (Four hour dose limit): 20 mg intravenous, continuous For breakthrough pain: Administer only if respiratory rate 12 per minute or more and POSS level of 2 or less. RN may bolus *** every *** hours as needed. If pain persists, may increase PCA demand dose by *** mg ONCE. If more than 2 bolus doses in 12 hours or if pain persists after increase in demand dose, call ordering prescriber. Adjust doses for age, renal function or other factors.
[ ] Nursing PCA Orders	
[ ] Vital signs - T/P/R/BP	Routine, Per unit protocol - Initially and every 30 minutes for 1 hour after PCA started, bolus administration or dose change; then - Every hour x 2 starting second hour after PCA started, bolus administered or dose change; then - Every 4 hours until PCA therapy is discontinued. - Immediately following PCA administration tubing change
[ ] PCA Documentation	Routine, Every 12 hours At the beginning (or end of each shift), prior to clearing PCA pump data, the following must be documented: doses delivered, number of attempts, total amount of medication infused (in mg or mcg), and volume remaining in syringe (residual volume).
[ ] Patient education Pain pump	Routine, Once, Starting S For 1 Occurrences Patient/Family: Education for: Pain pump Provide patient education on appropriate use of PCA including no PCA by proxy. Only the patient may press the dosing button.
[ ] Pasero Opioid-induced Sedation Scale	Routine, Every 6 hours, Starting S Assess POSS while patient has an active PCA order. Contact provider if score 3 or 4.

[ ] Notify Physician	Routine, Until discontinued, Starting S, - PCA pump infusion discontinued for any reason - Inadequate analgesia - Prior to administration of any other narcotics, antiemetics, or sedatives other than those ordered by the prescriber responsible for IV PCA therapy - PCA pump discontinued by any service other than the prescriber responsible for IV PCA therapy
[ ] Stop the PCA pump and call ordering physician and/or CERT team for any of the following:	Routine, Until discontinued, Starting S, - Respiratory rate 10 per minute or less - Severe and/or recent confusion or disorientation - POSS sedation level 4: Somnolent and difficult to arouse - Sustained hypotension (SBP less than 90) - Excessive nausea or vomiting - Urinary retention

[ ] IV Fluids for provision of PCA Therapy (Single Response)

( ) sodium chloride 0.9 % infusion	30 mL/hr, intravenous, continuous
( ) dextrose 5% infusion	30 mL/hr, intravenous, continuous

PCA Medications - HMSJ Only (Single Response)

( ) fentaNYL PCA (SUBLIMAZE) 1500 mcg/30 mL + Nursing PCA Orders

[ ] fentaNYL PCA (SUBLIMAZE) 1500 mcg/30 mL (Single Response)

( ) fentaNYL (SUBLIMAZE) 1500 mcg/30 mL PCA solution for Opioid Naive	Nurse Loading Dose: Not Ordered PCA Dose: 10 mcg Lockout: 10 Minutes Four Hour Dose Limit: 150 mcg intravenous, continuous For breakthrough pain: Administer only if respiratory rate 12 per minute or more and POSS level of 2 or less. RN may bolus *** every *** hours as needed. If pain persists, may increase PCA demand dose by *** mcg ONCE. If more than 2 bolus doses in 12 hours or if pain persists after increase in demand dose, call ordering prescriber. Adjust doses for age, renal function or other factors.

[ ] Nursing PCA Orders

[ ] Vital signs - T/P/R/BP	Routine, Per unit protocol - Initially and every 30 minutes for 1 hour after PCA started, bolus administration or dose change; then - Every hour x 2 starting second hour after PCA started, bolus administered or dose change; then - Every 4 hours until PCA therapy is discontinued. - Immediately following PCA administration tubing change
[ ] PCA Documentation	Routine, Every 12 hours At the beginning (or end of each shift), prior to clearing PCA pump data, the following must be documented: doses delivered, number of attempts, total amount of medication infused (in mg or mcg), and volume remaining in syringe (residual volume).
[ ] Patient education Pain pump	Routine, Once, Starting S For 1 Occurrences Patient/Family: Education for: Pain pump Provide patient education on appropriate use of PCA including no PCA by proxy. Only the patient may press the dosing button.
[ ] Pasero Opioid-induced Sedation Scale	Routine, Every 6 hours, Starting S Assess POSS while patient has an active PCA order. Contact provider if score 3 or 4.

[ ] Notify Physician	Routine, Until discontinued, Starting S, - PCA pump infusion discontinued for any reason - Inadequate analgesia - Prior to administration of any other narcotics, antiemetics, or sedatives other than those ordered by the prescriber responsible for IV PCA therapy - PCA pump discontinued by any service other than the prescriber responsible for IV PCA therapy
[ ] Stop the PCA pump and call ordering physician and/or CERT team for any of the following:	Routine, Until discontinued, Starting S, - Respiratory rate 10 per minute or less - Severe and/or recent confusion or disorientation - POSS sedation level 4: Somnolent and difficult to arouse - Sustained hypotension (SBP less than 90) - Excessive nausea or vomiting - Urinary retention
[ ] IV Fluids for provision of PCA Therapy (Single Response)	
( ) sodium chloride 0.9 % infusion	30 mL/hr, intravenous, continuous
( ) dextrose 5% infusion	30 mL/hr, intravenous, continuous

( ) hydromorPHONE PCA (DILAUDID) 30 mg/30 mL + Nursing PCA Orders

[ ] hydromorPHONE PCA (DILAUDID) 30 mg/30 mL (Single Response)	
( ) hydromorPHONE (DILAUDID) 30 mg/30 mL in sodium chloride 0.9% PCA for Opioid Naive	Nurse Loading Dose: Not Ordered PCA Dose: 0.2 mg Lockout Interval: 10 Minutes MAX (Four hour dose limit): 3 mg intravenous, continuous For breakthrough pain: Administer only if respiratory rate 12 per minute or more and POSS level of 2 or less. RN may bolus *** every *** hours as needed. If pain persists, may increase PCA demand dose by *** mg ONCE. If more than 2 bolus doses in 12 hours or if pain persists after increase in demand dose, call ordering prescriber. Adjust doses for age, renal function or other factors.
[ ] Nursing PCA Orders	
[ ] Vital signs - T/P/R/BP	Routine, Per unit protocol - Initially and every 30 minutes for 1 hour after PCA started, bolus administration or dose change; then - Every hour x 2 starting second hour after PCA started, bolus administered or dose change; then - Every 4 hours until PCA therapy is discontinued. - Immediately following PCA administration tubing change
[ ] PCA Documentation	Routine, Every 12 hours At the beginning (or end of each shift), prior to clearing PCA pump data, the following must be documented: doses delivered, number of attempts, total amount of medication infused (in mg or mcg), and volume remaining in syringe (residual volume).
[ ] Patient education Pain pump	Routine, Once, Starting S For 1 Occurrences Patient/Family: Education for: Pain pump Provide patient education on appropriate use of PCA including no PCA by proxy. Only the patient may press the dosing button.
[ ] Pasero Opioid-induced Sedation Scale	Routine, Every 6 hours, Starting S Assess POSS while patient has an active PCA order. Contact provider if score 3 or 4.
[ ] Notify Physician	Routine, Until discontinued, Starting S, - PCA pump infusion discontinued for any reason - Inadequate analgesia - Prior to administration of any other narcotics, antiemetics, or sedatives other than those ordered by the prescriber responsible for IV PCA therapy - PCA pump discontinued by any service other than the prescriber responsible for IV PCA therapy

[ ] Stop the PCA pump and call ordering physician and/or CERT team for any of the following:	Routine, Until discontinued, Starting S, - Respiratory rate 10 per minute or less - Severe and/or recent confusion or disorientation - POSS sedation level 4: Somnolent and difficult to arouse - Sustained hypotension (SBP less than 90) - Excessive nausea or vomiting - Urinary retention
[ ] IV Fluids for provision of PCA Therapy (Single Response)	
( ) sodium chloride 0.9 % infusion	30 mL/hr, intravenous, continuous
( ) dextrose 5% infusion	30 mL/hr, intravenous, continuous

( ) morPHINE PCA 30 mg/30 mL + Nursing PCA Orders

[ ] morPHINE PCA 30 mg/30 mL (Single Response)	
( ) morPHINE PCA 30 mg/30 mL in sodium chloride 0.9% for Opioid Naive	Nurse Loading Dose: Not Ordered PCA Dose: 1 mg Lockout Interval: 10 Minutes MAX (Four hour dose limit): 20 mg intravenous, continuous For breakthrough pain: Administer only if respiratory rate 12 per minute or more and POSS level of 2 or less. RN may bolus *** every *** hours as needed. If pain persists, may increase PCA demand dose by *** mg ONCE. If more than 2 bolus doses in 12 hours or if pain persists after increase in demand dose, call ordering prescriber. Adjust doses for age, renal function or other factors.
[ ] Nursing PCA Orders	
[ ] Vital signs - T/P/R/BP	Routine, Per unit protocol - Initially and every 30 minutes for 1 hour after PCA started, bolus administration or dose change; then - Every hour x 2 starting second hour after PCA started, bolus administered or dose change; then - Every 4 hours until PCA therapy is discontinued. - Immediately following PCA administration tubing change
[ ] PCA Documentation	Routine, Every 12 hours At the beginning (or end of each shift), prior to clearing PCA pump data, the following must be documented: doses delivered, number of attempts, total amount of medication infused (in mg or mcg), and volume remaining in syringe (residual volume).
[ ] Patient education Pain pump	Routine, Once, Starting S For 1 Occurrences Patient/Family: Education for: Pain pump Provide patient education on appropriate use of PCA including no PCA by proxy. Only the patient may press the dosing button.
[ ] Pasero Opioid-induced Sedation Scale	Routine, Every 6 hours, Starting S Assess POSS while patient has an active PCA order. Contact provider if score 3 or 4.
[ ] Notify Physician	Routine, Until discontinued, Starting S, - PCA pump infusion discontinued for any reason - Inadequate analgesia - Prior to administration of any other narcotics, antiemetics, or sedatives other than those ordered by the prescriber responsible for IV PCA therapy - PCA pump discontinued by any service other than the prescriber responsible for IV PCA therapy
[ ] Stop the PCA pump and call ordering physician and/or CERT team for any of the following:	Routine, Until discontinued, Starting S, - Respiratory rate 10 per minute or less - Severe and/or recent confusion or disorientation - POSS sedation level 4: Somnolent and difficult to arouse - Sustained hypotension (SBP less than 90) - Excessive nausea or vomiting - Urinary retention
[ ] IV Fluids for provision of PCA Therapy (Single Response)	
( ) sodium chloride 0.9 % infusion	30 mL/hr, intravenous, continuous
( ) dextrose 5% infusion	30 mL/hr, intravenous, continuous

Respiratory Depression and Somnolence

[X] naloxone (NARCAN) injection	0.2 mg, intravenous, once PRN, respiratory depression, as needed for respiratory rate 8 per minute or less OR patient somnolent and difficult to arouse (POSS GREATER than 3). Repeat Naloxone 0.2 mg once in 2 minutes if necessary (MAXIMUM 0.4 mg). If naloxone is needed, please call the ordering physician and/or CERT team. Monitor vital signs (pulse oximetry, P/R/BP) every 15 minutes for 3 times.

VTE

VTE Risk and Prophylaxis Tool (Single Response) (Selection Required)

Low Risk Definition Moderate Risk Definition
Pharmacologic prophylaxis must be addressed. Mechanical prophylaxis is optional unless pharmacologic is contraindicated. High Risk Definition
Both pharmacologic AND mechanical prophylaxis must be addressed.
Age less than 60 years and NO other VTE risk factors One or more of the following medical conditions: One or more of the following medical conditions:
Patient already adequately anticoagulated CHF, MI, lung disease, pneumonia, active inflammation, dehydration, varicose veins, cancer, sepsis, obesity, previous stroke, rheumatologic disease, sickle cell disease, leg swelling, ulcers, venous stasis and nephrotic syndrome Thrombophilia (Factor V Leiden, prothrombin variant mutations, anticardiolipin antibody syndrome; antithrombin, protein C or protein S deficiency; hyperhomocysteinemia; myeloproliferative disorders)
Age 60 and above Severe fracture of hip, pelvis or leg
Central line Acute spinal cord injury with paresis
History of DVT or family history of VTE Multiple major traumas
Anticipated length of stay GREATER than 48 hours Abdominal or pelvic surgery for CANCER
Less than fully and independently ambulatory Acute ischemic stroke
Estrogen therapy History of PE
Moderate or major surgery (not for cancer)
Major surgery within 3 months of admission

Anticoagulation Guide for COVID patients	URL: "https://formweb.com/files/houstonmethodist/documents/COVID-19 Anticoagulation Guideline - 8.20.2021v15.pdf"

( ) Patient currently has an active order for therapeutic anticoagulant or VTE prophylaxis with Risk Stratification (Single Response) (Selection Required)

( ) Moderate Risk - Patient currently has an active order for therapeutic anticoagulant or VTE prophylaxis (Selection Required)

[ ] Moderate risk of VTE	Routine, Once, PACU & Post-op
[ ] Patient currently has an active order for therapeutic anticoagulant or VTE prophylaxis	Routine, Once No pharmacologic VTE prophylaxis because: patient is already on therapeutic anticoagulation for other indication. Therapy for the following: PACU & Post-op

[ ] Place sequential compression device (Single Response)

( ) Contraindications exist for mechanical prophylaxis	Routine, Once No mechanical VTE prophylaxis due to the following contraindication(s): PACU & Post-op
( ) Place/Maintain sequential compression device continuous	Routine, Continuous, PACU & Post-op

( ) Moderate Risk - Patient currently has an active order for therapeutic anticoagulant or VTE prophylaxis (Selection Required)

[ ] Moderate risk of VTE	Routine, Once, PACU & Post-op

[ ] Patient currently has an active order for therapeutic anticoagulant or VTE prophylaxis	Routine, Once No pharmacologic VTE prophylaxis because: patient is already on therapeutic anticoagulation for other indication. Therapy for the following: PACU & Post-op

[ ] Place sequential compression device (Single Response)

( ) Contraindications exist for mechanical prophylaxis	Routine, Once No mechanical VTE prophylaxis due to the following contraindication(s): PACU & Post-op
( ) Place/Maintain sequential compression device continuous	Routine, Continuous, PACU & Post-op

( ) High Risk - Patient currently has an active order for therapeutic anticoagulant or VTE prophylaxis (Selection Required)

[ ] High risk of VTE	Routine, Once, PACU & Post-op
[ ] Patient currently has an active order for therapeutic anticoagulant or VTE prophylaxis	Routine, Once No pharmacologic VTE prophylaxis because: patient is already on therapeutic anticoagulation for other indication. Therapy for the following: PACU & Post-op

[ ] Place sequential compression device (Single Response)

( ) Contraindications exist for mechanical prophylaxis	Routine, Once No mechanical VTE prophylaxis due to the following contraindication(s): PACU & Post-op
( ) Place/Maintain sequential compression device continuous	Routine, Continuous, PACU & Post-op

( ) High Risk - Patient currently has an active order for therapeutic anticoagulant or VTE prophylaxis (Selection Required)

[ ] High risk of VTE	Routine, Once, PACU & Post-op
[ ] Patient currently has an active order for therapeutic anticoagulant or VTE prophylaxis	Routine, Once No pharmacologic VTE prophylaxis because: patient is already on therapeutic anticoagulation for other indication. Therapy for the following: PACU & Post-op

[ ] Place sequential compression device (Single Response)

( ) Contraindications exist for mechanical prophylaxis	Routine, Once No mechanical VTE prophylaxis due to the following contraindication(s): PACU & Post-op
( ) Place/Maintain sequential compression device continuous	Routine, Continuous, PACU & Post-op

( ) LOW Risk of VTE (Selection Required)

[ ] Low Risk (Single Response) (Selection Required)

( ) Low risk of VTE	Routine, Once Low risk: Due to low risk, no VTE prophylaxis is needed. Will encourgae early ambulation PACU & Post-op

( ) MODERATE Risk of VTE - Surgical (Selection Required)

[ ] Moderate Risk (Selection Required)

[ ] Moderate risk of VTE	Routine, Once, PACU & Post-op

[ ] Moderate Risk Pharmacological Prophylaxis - Surgical Patient (Single Response) (Selection Required)

( ) Contraindications exist for pharmacologic prophylaxis BUT order Sequential compression device **"And" Linked Panel**

[ ] Contraindications exist for pharmacologic prophylaxis	Routine, Once No pharmacologic VTE prophylaxis due to the following contraindication(s): PACU & Post-op

[ ]	Place/Maintain sequential compression device continuous	Routine, Continuous, PACU & Post-op

( ) Contraindications exist for pharmacologic prophylaxis AND mechanical prophylaxis **"And" Linked Panel**

[ ]	Contraindications exist for pharmacologic prophylaxis	Routine, Once No pharmacologic VTE prophylaxis due to the following contraindication(s): PACU & Post-op
[ ]	Contraindications exist for mechanical prophylaxis	Routine, Once No mechanical VTE prophylaxis due to the following contraindication(s): PACU & Post-op

( ) enoxaparin (LOVENOX) injection (Single Response) (Selection Required)

Patient renal status: @CRCL@

For patients with CrCl GREATER than or EQUAL to 30mL/min, enoxaparin orders will apply the following recommended doses by weight:
Weight Dose
LESS THAN 100kg enoxaparin 40mg daily
100 to 139kg enoxaparin 30mg every 12 hours
GREATER THAN or EQUAL to 140kg enoxaparin 40mg every 12 hours

( ) For CrCl LESS than 30mL/min - enoxaparin (LOVENOX) subcutaneous Daily at 1700

[ ]	enoxaparin (LOVENOX) injection	30 mg, subcutaneous, daily at 1700, Starting S+1, PACU & Post-op Indication(s):

( ) For CrCl GREATER than or EQUAL TO 30 mL/min - enoxaparin (LOVENOX) subcutaneous

[ ]	enoxaparin (LOVENOX) injection	subcutaneous, Starting S+1, PACU & Post-op Indication(s):

( )	fondaparinux (ARIXTRA) injection	2.5 mg, subcutaneous, daily, Starting S+1, PACU & Post-op If the patient does not have a history of or suspected case of Heparin-Induced Thrombocytopenia (HIT) do NOT order this medication. Contraindicated in patients LESS than 50kg, prior to surgery/invasive procedure, or CrCl LESS than 30 mL/min. This patient has a history of or suspected case of Heparin-Induced Thrombocytopenia (HIT):
( )	heparin (porcine) injection	5,000 Units, subcutaneous, every 8 hours, S+1 at 6:00 AM, PACU & Post-op
( )	heparin (porcine) injection (Recommended for patients with high risk of bleeding, e.g. weight < 50kg and age > 75yrs)	5,000 Units, subcutaneous, every 12 hours, S+1 at 6:00 AM, PACU & Post-op Recommended for patients with high risk of bleeding, e.g. weight LESS than 50kg and age GREATER than 75yrs.
( )	heparin (porcine) injection - For Patients with weight GREATER than 100 kg	7,500 Units, subcutaneous, every 8 hours, Starting S+1, PACU & Post-op For patients with weight GREATER than 100 kg.
( )	warfarin (COUMADIN) tablet	oral, daily at 1700, Starting S+1, PACU & Post-op Indication:
( )	Pharmacy consult to manage warfarin (COUMADIN)	STAT, Until discontinued, Starting S Indication:

[ ] Mechanical Prophylaxis (Single Response) (Selection Required)

( )	Contraindications exist for mechanical prophylaxis	Routine, Once No mechanical VTE prophylaxis due to the following contraindication(s): PACU & Post-op
( )	Place/Maintain sequential compression device continuous	Routine, Continuous, PACU & Post-op

( ) MODERATE Risk of VTE - Non-Surgical (Selection Required)

[ ] Moderate Risk (Selection Required)

[ ] Moderate risk of VTE — Routine, Once, PACU & Post-op

[ ] Moderate Risk Pharmacological Prophylaxis - Non-Surgical Patient (Single Response) (Selection Required)

( ) Contraindications exist for pharmacologic prophylaxis - Order Sequential compression device — **"And" Linked Panel**

- [ ] Contraindications exist for pharmacologic prophylaxis — Routine, Once
  No pharmacologic VTE prophylaxis due to the following contraindication(s):
  PACU & Post-op
- [ ] Place/Maintain sequential compression device continuous — Routine, Continuous, PACU & Post-op

( ) Contraindications exist for pharmacologic prophylaxis AND mechanical prophylaxis — **"And" Linked Panel**

- [ ] Contraindications exist for pharmacologic prophylaxis — Routine, Once
  No pharmacologic VTE prophylaxis due to the following contraindication(s):
  PACU & Post-op
- [ ] Contraindications exist for mechanical prophylaxis — Routine, Once
  No mechanical VTE prophylaxis due to the following contraindication(s):
  PACU & Post-op

( ) enoxaparin (LOVENOX) injection (Single Response) (Selection Required)

Patient renal status: @CRCL@

For patients with CrCl GREATER than or EQUAL to 30mL/min, enoxaparin orders will apply the following recommended doses by weight:
Weight Dose
LESS THAN 100kg enoxaparin 40mg daily
100 to 139kg enoxaparin 30mg every 12 hours
GREATER THAN or EQUAL to 140kg enoxaparin 40mg every 12 hours

( ) For CrCl LESS than 30mL/min - enoxaparin (LOVENOX) subcutaneous Daily at 1700

- [ ] enoxaparin (LOVENOX) injection — 30 mg, subcutaneous, daily at 1700, PACU & Post-op
  Indication(s):

( ) For CrCl GREATER than or EQUAL TO 30 mL/min - enoxaparin (LOVENOX) subcutaneous

- [ ] enoxaparin (LOVENOX) injection — subcutaneous, PACU & Post-op
  Indication(s):

( ) fondaparinux (ARIXTRA) injection — 2.5 mg, subcutaneous, daily, PACU & Post-op
If the patient does not have a history of or suspected case of Heparin-Induced Thrombocytopenia (HIT), do NOT order this medication. Contraindicated in patients LESS than 50kg, prior to surgery/invasive procedure, or CrCl LESS than 30 mL/min
This patient has a history of or suspected case of Heparin-Induced Thrombocytopenia (HIT):

( ) heparin (Single Response)

High Risk Bleeding Characteristics
Age > 75
Weight < 50 kg
Unstable Hgb
Renal impairment
Plt count < 100 K/uL
Dual antiplatelet therapy
Active cancer
Cirrhosis/hepatic failure
Prior intra-cranial hemorrhage
Prior ischemic stroke
History of bleeding event requiring admission and/or transfusion
Chronic use of NSAIDs/steroids
Active GI ulcer

( ) High bleed risk	5,000 Units, subcutaneous, every 12 hours Indication for lower dose/frequency:
( ) Not high bleed risk (Single Response)	
( ) Wt > 100 kg	7,500 Units, subcutaneous, every 8 hours
( ) Wt LESS than or equal to 100 kg	5,000 Units, subcutaneous, every 8 hours
( ) warfarin (COUMADIN) (Single Response)	
( ) WITHOUT pharmacy consult	oral, daily at 1700 Indication:
( ) WITH pharmacy consult	
[ ] Pharmacy consult to manage warfarin (COUMADIN)	STAT, Until discontinued, Starting S Indication:
[ ] warfarin (COUMADIN) tablet	oral, daily at 1700 Indication:
[ ] Mechanical Prophylaxis (Single Response) (Selection Required)	
( ) Contraindications exist for mechanical prophylaxis	Routine, Once No mechanical VTE prophylaxis due to the following contraindication(s): PACU & Post-op
( ) Place/Maintain sequential compression device continuous	Routine, Continuous, PACU & Post-op
( ) HIGH Risk of VTE - Surgical (Selection Required)	
[ ] High Risk (Selection Required)	
[ ] High risk of VTE	Routine, Once, PACU & Post-op
[ ] High Risk Pharmacological Prophylaxis - Surgical Patient (Single Response) (Selection Required)	
( ) Contraindications exist for pharmacologic prophylaxis	Routine, Once No pharmacologic VTE prophylaxis due to the following contraindication(s): PACU & Post-op
( ) enoxaparin (LOVENOX) injection (Single Response) (Selection Required)	

Patient renal status: @CRCL@

For patients with CrCl GREATER than or EQUAL to 30mL/min, enoxaparin orders will apply the following recommended doses by weight:
Weight Dose
LESS THAN 100kg enoxaparin 40mg daily
100 to 139kg enoxaparin 30mg every 12 hours
GREATER THAN or EQUAL to 140kg enoxaparin 40mg every 12 hours

( ) For CrCl LESS than 30mL/min - enoxaparin (LOVENOX) subcutaneous Daily at 1700	
[ ] enoxaparin (LOVENOX) injection	30 mg, subcutaneous, daily at 1700, Starting S+1, PACU & Post-op Indication(s):

( ) For CrCl GREATER than or EQUAL TO 30 mL/min - enoxaparin (LOVENOX) subcutaneous

[ ] enoxaparin (LOVENOX) injection	subcutaneous, Starting S+1, PACU & Post-op Indication(s):
( ) fondaparinux (ARIXTRA) injection	2.5 mg, subcutaneous, daily, Starting S+1, PACU & Post-op If the patient does not have a history or suspected case of Heparin-Induced Thrombocytopenia (HIT) do NOT order this medication. Contraindicated in patients LESS than 50kg, prior to surgery/invasive procedure, or CrCl LESS than 30 mL/min. This patient has a history of or suspected case of Heparin-Induced Thrombocytopenia (HIT):
( ) heparin (porcine) injection	5,000 Units, subcutaneous, every 8 hours, S+1 at 6:00 AM, PACU & Post-op
( ) heparin (porcine) injection (Recommended for patients with high risk of bleeding, e.g. weight < 50kg and age > 75yrs)	5,000 Units, subcutaneous, every 12 hours, S+1 at 6:00 AM, PACU & Post-op Recommended for patients with high risk of bleeding, e.g. weight LESS than 50kg and age GREATER than 75yrs.
( ) heparin (porcine) injection - For Patients with weight GREATER than 100 kg	7,500 Units, subcutaneous, every 8 hours, Starting S+1, PACU & Post-op For patients with weight GREATER than 100 kg.
( ) warfarin (COUMADIN) tablet	oral, daily at 1700, Starting S+1, PACU & Post-op Indication:
( ) Pharmacy consult to manage warfarin (COUMADIN)	STAT, Until discontinued, Starting S Indication:

[ ] Mechanical Prophylaxis (Single Response) (Selection Required)

( ) Contraindications exist for mechanical prophylaxis	Routine, Once No mechanical VTE prophylaxis due to the following contraindication(s): PACU & Post-op
( ) Place/Maintain sequential compression device continuous	Routine, Continuous, PACU & Post-op

( ) HIGH Risk of VTE - Non-Surgical (Selection Required)

[ ] High Risk (Selection Required)

[ ] High risk of VTE	Routine, Once, PACU & Post-op

[ ] High Risk Pharmacological Prophylaxis - Non-Surgical Patient (Single Response) (Selection Required)

( ) Contraindications exist for pharmacologic prophylaxis	Routine, Once No pharmacologic VTE prophylaxis due to the following contraindication(s): PACU & Post-op

( ) enoxaparin (LOVENOX) injection (Single Response) (Selection Required)

Patient renal status: @CRCL@

For patients with CrCl GREATER than or EQUAL to 30mL/min, enoxaparin orders will apply the following recommended doses by weight:
Weight Dose
LESS THAN 100kg enoxaparin 40mg daily
100 to 139kg enoxaparin 30mg every 12 hours
GREATER THAN or EQUAL to 140kg enoxaparin 40mg every 12 hours

( ) For CrCl LESS than 30mL/min - enoxaparin (LOVENOX) subcutaneous Daily at 1700

[ ] enoxaparin (LOVENOX) injection	30 mg, subcutaneous, daily at 1700, PACU & Post-op Indication(s):

( ) For CrCl GREATER than or EQUAL TO 30 mL/min - enoxaparin (LOVENOX) subcutaneous

[ ] enoxaparin (LOVENOX) injection	subcutaneous, PACU & Post-op Indication(s):

( ) fondaparinux (ARIXTRA) injection	2.5 mg, subcutaneous, daily, PACU & Post-op If the patient does not have a history of or suspected case of Heparin-Induced Thrombocytopenia (HIT) do NOT order this medication. Contraindicated in patients LESS than 50kg, prior to surgery/invasive procedure, or CrCl LESS than 30 mL/min. This patient has a history of or suspected case of Heparin-Induced Thrombocytopenia (HIT):
( ) heparin (porcine) injection	5,000 Units, subcutaneous, every 8 hours, PACU & Post-op
( ) heparin (porcine) injection (Recommended for patients with high risk of bleeding, e.g. weight < 50kg and age > 75yrs)	5,000 Units, subcutaneous, every 12 hours, PACU & Post-op Recommended for patients with high risk of bleeding, e.g. weight LESS than 50kg and age GREATER than 75yrs.
( ) heparin (porcine) injection - For Patients with weight GREATER than 100 kg	7,500 Units, subcutaneous, every 8 hours, PACU & Post-op For patients with weight GREATER than 100 kg.
( ) warfarin (COUMADIN) tablet	oral, daily at 1700, PACU & Post-op Indication:
( ) Pharmacy consult to manage warfarin (COUMADIN)	STAT, Until discontinued, Starting S Indication:

[ ] Mechanical Prophylaxis (Single Response) (Selection Required)

( ) Contraindications exist for mechanical prophylaxis	Routine, Once No mechanical VTE prophylaxis due to the following contraindication(s): PACU & Post-op
( ) Place/Maintain sequential compression device continuous	Routine, Continuous, PACU & Post-op

( ) HIGH Risk of VTE - Surgical (Hip/Knee) (Selection Required)

[ ] High Risk (Selection Required)

[ ] High risk of VTE	Routine, Once, PACU & Post-op

[ ] High Risk Pharmacological Prophylaxis - Hip or Knee (Arthroplasty) Surgical Patient (Single Response) (Selection Required)

( ) Contraindications exist for pharmacologic prophylaxis	Routine, Once No pharmacologic VTE prophylaxis due to the following contraindication(s): PACU & Post-op
( ) aspirin chewable tablet	162 mg, oral, daily, Starting S+1, PACU & Post-op
( ) aspirin (ECOTRIN) enteric coated tablet	162 mg, oral, daily, Starting S+1, PACU & Post-op

( ) Apixaban and Pharmacy Consult (Selection Required)

[ ] apixaban (ELIQUIS) tablet	2.5 mg, oral, 2 times daily, Starting S+1, PACU & Post-op Indications: VTE prophylaxis
[ ] Pharmacy consult to monitor apixaban (ELIQUIS) therapy	STAT, Until discontinued, Starting S Indications: VTE prophylaxis

( ) enoxaparin (LOVENOX) injection (Single Response) (Selection Required)

Patient renal status: @CRCL@

For patients with CrCl GREATER than or EQUAL to 30mL/min, enoxaparin orders will apply the following recommended doses by weight:
Weight Dose
LESS THAN 100kg enoxaparin 40mg daily
100 to 139kg enoxaparin 30mg every 12 hours
GREATER THAN or EQUAL to 140kg enoxaparin 40mg every 12 hours

( ) For CrCl LESS than 30mL/min - enoxaparin (LOVENOX) subcutaneous Daily at 1700

[ ] enoxaparin (LOVENOX) injection	30 mg, subcutaneous, daily at 1700, Starting S+1, PACU & Post-op Indication(s):

( ) For CrCl GREATER than or EQUAL TO 30 mL/min - enoxaparin (LOVENOX) subcutaneous

[ ] enoxaparin (LOVENOX) injection	subcutaneous, Starting S+1, PACU & Post-op Indication(s):

( ) fondaparinux (ARIXTRA) injection	2.5 mg, subcutaneous, daily, Starting S+1, PACU & Post-op If the patient does not have a history or suspected case of Heparin-Induced Thrombocytopenia (HIT) do NOT order this medication. Contraindicated in patients LESS than 50kg, prior to surgery/invasive procedure, or CrCl LESS than 30 mL/min This patient has a history of or suspected case of Heparin-Induced Thrombocytopenia (HIT):
( ) heparin (porcine) injection	5,000 Units, subcutaneous, every 8 hours, S+1 at 6:00 AM, PACU & Post-op
( ) heparin (porcine) injection (Recommended for patients with high risk of bleeding, e.g. weight < 50kg and age > 75yrs)	5,000 Units, subcutaneous, every 12 hours, S+1 at 6:00 AM, PACU & Post-op Recommended for patients with high risk of bleeding, e.g. weight LESS than 50kg and age GREATER than 75yrs.
( ) heparin (porcine) injection - For Patients with weight GREATER than 100 kg	7,500 Units, subcutaneous, every 8 hours, S+1 at 6:00 AM, PACU & Post-op For patients with weight GREATER than 100 kg.
( ) Rivaroxaban and Pharmacy Consult (Selection Required)	
[ ] rivaroxaban (XARELTO) tablet for hip or knee arthroplasty planned during this admission	10 mg, oral, daily at 0600 (TIME CRITICAL), PACU & Post-op Indications: VTE prophylaxis
[ ] Pharmacy consult to monitor rivaroxaban (XARELTO) therapy	STAT, Until discontinued, Starting S Indications: VTE prophylaxis
( ) warfarin (COUMADIN) tablet	oral, daily at 1700, Starting S+1, PACU & Post-op Indication:
( ) Pharmacy consult to manage warfarin (COUMADIN)	STAT, Until discontinued, Starting S Indication:
[ ] Mechanical Prophylaxis (Single Response) (Selection Required)	
( ) Contraindications exist for mechanical prophylaxis	Routine, Once No mechanical VTE prophylaxis due to the following contraindication(s): PACU & Post-op
( ) Place/Maintain sequential compression device continuous	Routine, Continuous, PACU & Post-op

VTE Risk and Prophylaxis Tool (Single Response)

Low Risk Definition Moderate Risk Definition
Pharmacologic prophylaxis must be addressed. Mechanical prophylaxis is optional unless pharmacologic is contraindicated. High Risk Definition
Both pharmacologic AND mechanical prophylaxis must be addressed.
Age less than 60 years and NO other VTE risk factors One or more of the following medical conditions: One or more of the following medical conditions:
Patient already adequately anticoagulated CHF, MI, lung disease, pneumonia, active inflammation, dehydration, varicose veins, cancer, sepsis, obesity, previous stroke, rheumatologic disease, sickle cell disease, leg swelling, ulcers, venous stasis and nephrotic syndrome Thrombophilia (Factor V Leiden, prothrombin variant mutations, anticardiolipin antibody syndrome; antithrombin, protein C or protein S deficiency; hyperhomocysteinemia; myeloproliferative disorders)
Age 60 and above Severe fracture of hip, pelvis or leg
Central line Acute spinal cord injury with paresis
History of DVT or family history of VTE Multiple major traumas
Anticipated length of stay GREATER than 48 hours Abdominal or pelvic surgery for CANCER
Less than fully and independently ambulatory Acute ischemic stroke
Estrogen therapy History of PE
Moderate or major surgery (not for cancer)
Major surgery within 3 months of admission

Anticoagulation Guide for COVID patients	URL: "https://formweb.com/files/houstonmethodist/documents/COVID-19 Anticoagulation Guideline - 8.20.2021v15.pdf"

( ) Patient currently has an active order for therapeutic anticoagulant or VTE prophylaxis with Risk Stratification (Single Response) (Selection Required)

( ) Moderate Risk - Patient currently has an active order for therapeutic anticoagulant or VTE prophylaxis (Selection Required)

[ ] Moderate risk of VTE	Routine, Once, PACU & Post-op
[ ] Patient currently has an active order for therapeutic anticoagulant or VTE prophylaxis	Routine, Once No pharmacologic VTE prophylaxis because: patient is already on therapeutic anticoagulation for other indication. Therapy for the following: PACU & Post-op
[ ] Place sequential compression device (Single Response)	
( ) Contraindications exist for mechanical prophylaxis	Routine, Once No mechanical VTE prophylaxis due to the following contraindication(s): PACU & Post-op
( ) Place/Maintain sequential compression device continuous	Routine, Continuous, PACU & Post-op

( ) Moderate Risk - Patient currently has an active order for therapeutic anticoagulant or VTE prophylaxis (Selection Required)

[ ] Moderate risk of VTE	Routine, Once, PACU & Post-op
[ ] Patient currently has an active order for therapeutic anticoagulant or VTE prophylaxis	Routine, Once No pharmacologic VTE prophylaxis because: patient is already on therapeutic anticoagulation for other indication. Therapy for the following: PACU & Post-op
[ ] Place sequential compression device (Single Response)	
( ) Contraindications exist for mechanical prophylaxis	Routine, Once No mechanical VTE prophylaxis due to the following contraindication(s): PACU & Post-op
( ) Place/Maintain sequential compression device continuous	Routine, Continuous, PACU & Post-op

( ) High Risk - Patient currently has an active order for therapeutic anticoagulant or VTE prophylaxis (Selection Required)

[ ] High risk of VTE	Routine, Once, PACU & Post-op
[ ] Patient currently has an active order for therapeutic anticoagulant or VTE prophylaxis	Routine, Once No pharmacologic VTE prophylaxis because: patient is already on therapeutic anticoagulation for other indication. Therapy for the following: PACU & Post-op
[ ] Place sequential compression device (Single Response)	
( ) Contraindications exist for mechanical prophylaxis	Routine, Once No mechanical VTE prophylaxis due to the following contraindication(s): PACU & Post-op
( ) Place/Maintain sequential compression device continuous	Routine, Continuous, PACU & Post-op

( ) High Risk - Patient currently has an active order for therapeutic anticoagulant or VTE prophylaxis (Selection Required)

[ ] High risk of VTE	Routine, Once, PACU & Post-op
[ ] Patient currently has an active order for therapeutic anticoagulant or VTE prophylaxis	Routine, Once No pharmacologic VTE prophylaxis because: patient is already on therapeutic anticoagulation for other indication. Therapy for the following: PACU & Post-op
[ ] Place sequential compression device (Single Response)	
( ) Contraindications exist for mechanical prophylaxis	Routine, Once No mechanical VTE prophylaxis due to the following contraindication(s): PACU & Post-op

( ) Place/Maintain sequential compression device continuous — Routine, Continuous, PACU & Post-op

( ) LOW Risk of VTE (Selection Required)

[ ] Low Risk (Single Response) (Selection Required)

( ) Low risk of VTE — Routine, Once
Low risk: Due to low risk, no VTE prophylaxis is needed. Will encourgae early ambulation
PACU & Post-op

( ) MODERATE Risk of VTE - Surgical (Selection Required)

[ ] Moderate Risk (Selection Required)

[ ] Moderate risk of VTE — Routine, Once, PACU & Post-op

[ ] Moderate Risk Pharmacological Prophylaxis - Surgical Patient (Single Response) (Selection Required)

( ) Contraindications exist for pharmacologic prophylaxis BUT order Sequential compression device — **"And" Linked Panel**

[ ] Contraindications exist for pharmacologic prophylaxis — Routine, Once
No pharmacologic VTE prophylaxis due to the following contraindication(s):
PACU & Post-op

[ ] Place/Maintain sequential compression device continuous — Routine, Continuous, PACU & Post-op

( ) Contraindications exist for pharmacologic prophylaxis AND mechanical prophylaxis — **"And" Linked Panel**

[ ] Contraindications exist for pharmacologic prophylaxis — Routine, Once
No pharmacologic VTE prophylaxis due to the following contraindication(s):
PACU & Post-op

[ ] Contraindications exist for mechanical prophylaxis — Routine, Once
No mechanical VTE prophylaxis due to the following contraindication(s):
PACU & Post-op

( ) enoxaparin (LOVENOX) injection (Single Response) (Selection Required)

Patient renal status: @CRCL@

For patients with CrCl GREATER than or EQUAL to 30mL/min, enoxaparin orders will apply the following recommended doses by weight:
Weight Dose
LESS THAN 100kg enoxaparin 40mg daily
100 to 139kg enoxaparin 30mg every 12 hours
GREATER THAN or EQUAL to 140kg enoxaparin 40mg every 12 hours

( ) For CrCl LESS than 30mL/min - enoxaparin (LOVENOX) subcutaneous Daily at 1700

[ ] enoxaparin (LOVENOX) injection — 30 mg, subcutaneous, daily at 1700, Starting S+1, PACU & Post-op
Indication(s):

( ) For CrCl GREATER than or EQUAL TO 30 mL/min - enoxaparin (LOVENOX) subcutaneous

[ ] enoxaparin (LOVENOX) injection — subcutaneous, Starting S+1, PACU & Post-op
Indication(s):

( ) fondaparinux (ARIXTRA) injection — 2.5 mg, subcutaneous, daily, Starting S+1, PACU & Post-op
If the patient does not have a history of or suspected case of Heparin-Induced Thrombocytopenia (HIT) do NOT order this medication.
Contraindicated in patients LESS than 50kg, prior to surgery/invasive procedure, or CrCl LESS than 30 mL/min.
This patient has a history of or suspected case of Heparin-Induced Thrombocytopenia (HIT):

( ) heparin (porcine) injection — 5,000 Units, subcutaneous, every 8 hours, S+1 at 6:00 AM, PACU & Post-op

( ) heparin (porcine) injection (Recommended for patients with high risk of bleeding, e.g. weight < 50kg and age > 75yrs)	5,000 Units, subcutaneous, every 12 hours, S+1 at 6:00 AM, PACU & Post-op Recommended for patients with high risk of bleeding, e.g. weight LESS than 50kg and age GREATER than 75yrs.
( ) heparin (porcine) injection - For Patients with weight GREATER than 100 kg	7,500 Units, subcutaneous, every 8 hours, Starting S+1, PACU & Post-op For patients with weight GREATER than 100 kg.
( ) warfarin (COUMADIN) tablet	oral, daily at 1700, Starting S+1, PACU & Post-op Indication:
( ) Pharmacy consult to manage warfarin (COUMADIN)	STAT, Until discontinued, Starting S Indication:

[ ] Mechanical Prophylaxis (Single Response) (Selection Required)

( ) Contraindications exist for mechanical prophylaxis	Routine, Once No mechanical VTE prophylaxis due to the following contraindication(s): PACU & Post-op
( ) Place/Maintain sequential compression device continuous	Routine, Continuous, PACU & Post-op

( ) MODERATE Risk of VTE - Non-Surgical (Selection Required)

[ ] Moderate Risk (Selection Required)

[ ] Moderate risk of VTE	Routine, Once, PACU & Post-op

[ ] Moderate Risk Pharmacological Prophylaxis - Non-Surgical Patient (Single Response) (Selection Required)

( ) Contraindications exist for pharmacologic prophylaxis - Order Sequential compression device **"And" Linked Panel**

[ ] Contraindications exist for pharmacologic prophylaxis	Routine, Once No pharmacologic VTE prophylaxis due to the following contraindication(s): PACU & Post-op
[ ] Place/Maintain sequential compression device continuous	Routine, Continuous, PACU & Post-op

( ) Contraindications exist for pharmacologic prophylaxis AND mechanical prophylaxis **"And" Linked Panel**

[ ] Contraindications exist for pharmacologic prophylaxis	Routine, Once No pharmacologic VTE prophylaxis due to the following contraindication(s): PACU & Post-op
[ ] Contraindications exist for mechanical prophylaxis	Routine, Once No mechanical VTE prophylaxis due to the following contraindication(s): PACU & Post-op

( ) enoxaparin (LOVENOX) injection (Single Response) (Selection Required)

Patient renal status: @CRCL@

For patients with CrCl GREATER than or EQUAL to 30mL/min, enoxaparin orders will apply the following recommended doses by weight:
Weight Dose
LESS THAN 100kg enoxaparin 40mg daily
100 to 139kg enoxaparin 30mg every 12 hours
GREATER THAN or EQUAL to 140kg enoxaparin 40mg every 12 hours

( ) For CrCl LESS than 30mL/min - enoxaparin (LOVENOX) subcutaneous Daily at 1700

[ ] enoxaparin (LOVENOX) injection	30 mg, subcutaneous, daily at 1700, PACU & Post-op Indication(s):

( ) For CrCl GREATER than or EQUAL TO 30 mL/min - enoxaparin (LOVENOX) subcutaneous

[ ] enoxaparin (LOVENOX) injection	subcutaneous, PACU & Post-op Indication(s):
( ) fondaparinux (ARIXTRA) injection	2.5 mg, subcutaneous, daily, PACU & Post-op If the patient does not have a history of or suspected case of Heparin-Induced Thrombocytopenia (HIT), do NOT order this medication. Contraindicated in patients LESS than 50kg, prior to surgery/invasive procedure, or CrCl LESS than 30 mL/min This patient has a history of or suspected case of Heparin-Induced Thrombocytopenia (HIT):

( ) heparin (Single Response)

High Risk Bleeding Characteristics
Age > 75
Weight < 50 kg
Unstable Hgb
Renal impairment
Plt count < 100 K/uL
Dual antiplatelet therapy
Active cancer
Cirrhosis/hepatic failure
Prior intra-cranial hemorrhage
Prior ischemic stroke
History of bleeding event requiring admission and/or transfusion
Chronic use of NSAIDs/steroids
Active GI ulcer

( ) High bleed risk	5,000 Units, subcutaneous, every 12 hours Indication for lower dose/frequency:
( ) Not high bleed risk (Single Response)	
( ) Wt > 100 kg	7,500 Units, subcutaneous, every 8 hours
( ) Wt LESS than or equal to 100 kg	5,000 Units, subcutaneous, every 8 hours
( ) warfarin (COUMADIN) (Single Response)	
( ) WITHOUT pharmacy consult	oral, daily at 1700 Indication:
( ) WITH pharmacy consult	
[ ] Pharmacy consult to manage warfarin (COUMADIN)	STAT, Until discontinued, Starting S Indication:
[ ] warfarin (COUMADIN) tablet	oral, daily at 1700 Indication:
[ ] Mechanical Prophylaxis (Single Response) (Selection Required)	
( ) Contraindications exist for mechanical prophylaxis	Routine, Once No mechanical VTE prophylaxis due to the following contraindication(s): PACU & Post-op
( ) Place/Maintain sequential compression device continuous	Routine, Continuous, PACU & Post-op
( ) HIGH Risk of VTE - Surgical (Selection Required)	
[ ] High Risk (Selection Required)	
[ ] High risk of VTE	Routine, Once, PACU & Post-op
[ ] High Risk Pharmacological Prophylaxis - Surgical Patient (Single Response) (Selection Required)	
( ) Contraindications exist for pharmacologic prophylaxis	Routine, Once No pharmacologic VTE prophylaxis due to the following contraindication(s): PACU & Post-op
( ) enoxaparin (LOVENOX) injection (Single Response) (Selection Required)	

Patient renal status: @CRCL@

For patients with CrCl GREATER than or EQUAL to 30mL/min, enoxaparin orders will apply the following recommended doses by weight:
Weight Dose
LESS THAN 100kg enoxaparin 40mg daily
100 to 139kg enoxaparin 30mg every 12 hours
GREATER THAN or EQUAL to 140kg enoxaparin 40mg every 12 hours

( ) For CrCl LESS than 30mL/min - enoxaparin (LOVENOX) subcutaneous Daily at 1700

[ ] enoxaparin (LOVENOX) injection	30 mg, subcutaneous, daily at 1700, Starting S+1, PACU & Post-op Indication(s):

( ) For CrCl GREATER than or EQUAL TO 30 mL/min - enoxaparin (LOVENOX) subcutaneous

[ ] enoxaparin (LOVENOX) injection	subcutaneous, Starting S+1, PACU & Post-op Indication(s):

( ) fondaparinux (ARIXTRA) injection	2.5 mg, subcutaneous, daily, Starting S+1, PACU & Post-op If the patient does not have a history or suspected case of Heparin-Induced Thrombocytopenia (HIT) do NOT order this medication. Contraindicated in patients LESS than 50kg, prior to surgery/invasive procedure, or CrCl LESS than 30 mL/min. This patient has a history of or suspected case of Heparin-Induced Thrombocytopenia (HIT):
( ) heparin (porcine) injection	5,000 Units, subcutaneous, every 8 hours, S+1 at 6:00 AM, PACU & Post-op
( ) heparin (porcine) injection (Recommended for patients with high risk of bleeding, e.g. weight < 50kg and age > 75yrs)	5,000 Units, subcutaneous, every 12 hours, S+1 at 6:00 AM, PACU & Post-op Recommended for patients with high risk of bleeding, e.g. weight LESS than 50kg and age GREATER than 75yrs.
( ) heparin (porcine) injection - For Patients with weight GREATER than 100 kg	7,500 Units, subcutaneous, every 8 hours, Starting S+1, PACU & Post-op For patients with weight GREATER than 100 kg.
( ) warfarin (COUMADIN) tablet	oral, daily at 1700, Starting S+1, PACU & Post-op Indication:
( ) Pharmacy consult to manage warfarin (COUMADIN)	STAT, Until discontinued, Starting S Indication:

[ ] Mechanical Prophylaxis (Single Response) (Selection Required)

( ) Contraindications exist for mechanical prophylaxis	Routine, Once No mechanical VTE prophylaxis due to the following contraindication(s): PACU & Post-op
( ) Place/Maintain sequential compression device continuous	Routine, Continuous, PACU & Post-op

( ) HIGH Risk of VTE - Non-Surgical (Selection Required)

[ ] High Risk (Selection Required)

[ ] High risk of VTE	Routine, Once, PACU & Post-op

[ ] High Risk Pharmacological Prophylaxis - Non-Surgical Patient (Single Response) (Selection Required)

( ) Contraindications exist for pharmacologic prophylaxis	Routine, Once No pharmacologic VTE prophylaxis due to the following contraindication(s): PACU & Post-op

( ) enoxaparin (LOVENOX) injection (Single Response) (Selection Required)

Patient renal status: @CRCL@

For patients with CrCl GREATER than or EQUAL to 30mL/min, enoxaparin orders will apply the following recommended doses by weight:
Weight Dose
LESS THAN 100kg enoxaparin 40mg daily
100 to 139kg enoxaparin 30mg every 12 hours
GREATER THAN or EQUAL to 140kg enoxaparin 40mg every 12 hours

( ) For CrCl LESS than 30mL/min - enoxaparin (LOVENOX) subcutaneous Daily at 1700

[ ] enoxaparin (LOVENOX) injection	30 mg, subcutaneous, daily at 1700, PACU & Post-op Indication(s):

( ) For CrCl GREATER than or EQUAL TO 30 mL/min - enoxaparin (LOVENOX) subcutaneous

[ ] enoxaparin (LOVENOX) injection	subcutaneous, PACU & Post-op Indication(s):
( ) fondaparinux (ARIXTRA) injection	2.5 mg, subcutaneous, daily, PACU & Post-op If the patient does not have a history of or suspected case of Heparin-Induced Thrombocytopenia (HIT) do NOT order this medication. Contraindicated in patients LESS than 50kg, prior to surgery/invasive procedure, or CrCl LESS than 30 mL/min. This patient has a history of or suspected case of Heparin-Induced Thrombocytopenia (HIT):
( ) heparin (porcine) injection	5,000 Units, subcutaneous, every 8 hours, PACU & Post-op
( ) heparin (porcine) injection (Recommended for patients with high risk of bleeding, e.g. weight < 50kg and age > 75yrs)	5,000 Units, subcutaneous, every 12 hours, PACU & Post-op Recommended for patients with high risk of bleeding, e.g. weight LESS than 50kg and age GREATER than 75yrs.
( ) heparin (porcine) injection - For Patients with weight GREATER than 100 kg	7,500 Units, subcutaneous, every 8 hours, PACU & Post-op For patients with weight GREATER than 100 kg.
( ) warfarin (COUMADIN) tablet	oral, daily at 1700, PACU & Post-op Indication:
( ) Pharmacy consult to manage warfarin (COUMADIN)	STAT, Until discontinued, Starting S Indication:

[ ] Mechanical Prophylaxis (Single Response) (Selection Required)

( ) Contraindications exist for mechanical prophylaxis	Routine, Once No mechanical VTE prophylaxis due to the following contraindication(s): PACU & Post-op
( ) Place/Maintain sequential compression device continuous	Routine, Continuous, PACU & Post-op

( ) HIGH Risk of VTE - Surgical (Hip/Knee) (Selection Required)

[ ] High Risk (Selection Required)

[ ] High risk of VTE	Routine, Once, PACU & Post-op

[ ] High Risk Pharmacological Prophylaxis - Hip or Knee (Arthroplasty) Surgical Patient (Single Response) (Selection Required)

( ) Contraindications exist for pharmacologic prophylaxis	Routine, Once No pharmacologic VTE prophylaxis due to the following contraindication(s): PACU & Post-op
( ) aspirin chewable tablet	162 mg, oral, daily, Starting S+1, PACU & Post-op
( ) aspirin (ECOTRIN) enteric coated tablet	162 mg, oral, daily, Starting S+1, PACU & Post-op

( ) Apixaban and Pharmacy Consult (Selection Required)

[ ] apixaban (ELIQUIS) tablet	2.5 mg, oral, 2 times daily, Starting S+1, PACU & Post-op Indications: VTE prophylaxis
[ ] Pharmacy consult to monitor apixaban (ELIQUIS) therapy	STAT, Until discontinued, Starting S Indications: VTE prophylaxis

( ) enoxaparin (LOVENOX) injection (Single Response) (Selection Required)

Patient renal status: @CRCL@

For patients with CrCl GREATER than or EQUAL to 30mL/min, enoxaparin orders will apply the following recommended doses by weight:
Weight Dose
LESS THAN 100kg enoxaparin 40mg daily
100 to 139kg enoxaparin 30mg every 12 hours
GREATER THAN or EQUAL to 140kg enoxaparin 40mg every 12 hours

( ) For CrCl LESS than 30mL/min - enoxaparin (LOVENOX) subcutaneous Daily at 1700	
[ ] enoxaparin (LOVENOX) injection	30 mg, subcutaneous, daily at 1700, Starting S+1, PACU & Post-op Indication(s):
( ) For CrCl GREATER than or EQUAL TO 30 mL/min - enoxaparin (LOVENOX) subcutaneous	
[ ] enoxaparin (LOVENOX) injection	subcutaneous, Starting S+1, PACU & Post-op Indication(s):
( ) fondaparinux (ARIXTRA) injection	2.5 mg, subcutaneous, daily, Starting S+1, PACU & Post-op If the patient does not have a history or suspected case of Heparin-Induced Thrombocytopenia (HIT) do NOT order this medication. Contraindicated in patients LESS than 50kg, prior to surgery/invasive procedure, or CrCl LESS than 30 mL/min This patient has a history of or suspected case of Heparin-Induced Thrombocytopenia (HIT):
( ) heparin (porcine) injection	5,000 Units, subcutaneous, every 8 hours, S+1 at 6:00 AM, PACU & Post-op
( ) heparin (porcine) injection (Recommended for patients with high risk of bleeding, e.g. weight < 50kg and age > 75yrs)	5,000 Units, subcutaneous, every 12 hours, S+1 at 6:00 AM, PACU & Post-op Recommended for patients with high risk of bleeding, e.g. weight LESS than 50kg and age GREATER than 75yrs.
( ) heparin (porcine) injection - For Patients with weight GREATER than 100 kg	7,500 Units, subcutaneous, every 8 hours, S+1 at 6:00 AM, PACU & Post-op For patients with weight GREATER than 100 kg.
( ) Rivaroxaban and Pharmacy Consult (Selection Required)	
[ ] rivaroxaban (XARELTO) tablet for hip or knee arthroplasty planned during this admission	10 mg, oral, daily at 0600 (TIME CRITICAL), PACU & Post-op Indications: VTE prophylaxis
[ ] Pharmacy consult to monitor rivaroxaban (XARELTO) therapy	STAT, Until discontinued, Starting S Indications: VTE prophylaxis
( ) warfarin (COUMADIN) tablet	oral, daily at 1700, Starting S+1, PACU & Post-op Indication:
( ) Pharmacy consult to manage warfarin (COUMADIN)	STAT, Until discontinued, Starting S Indication:
[ ] Mechanical Prophylaxis (Single Response) (Selection Required)	
( ) Contraindications exist for mechanical prophylaxis	Routine, Once No mechanical VTE prophylaxis due to the following contraindication(s): PACU & Post-op
( ) Place/Maintain sequential compression device continuous	Routine, Continuous, PACU & Post-op

Labs

Laboratory

[ ] Type and screen	Once, PACU & Post-op
[ ] CBC with platelet and differential	Once, PACU & Post-op
[X] Hemoglobin and hematocrit	Once In Recovery room., PACU & Post-op
[ ] Partial thromboplastin time	Once, PACU & Post-op
[ ] Prothrombin time with INR	Once, PACU & Post-op

[ ]	Basic metabolic panel	Once, PACU & Post-op
[ ]	Calcium level	Once, PACU & Post-op
[ ]	Magnesium level	Once, PACU & Post-op
[ ]	Phosphorus level	Once, PACU & Post-op
[ ]	Blood gas, arterial	Once, PACU & Post-op
[ ]	Urinalysis screen and microscopy, with reflex to culture	Once Specimen Source: Urine Specimen Site: PACU & Post-op

Labs - AM

[ ]	Basic metabolic panel	AM draw, Starting S+1 For 1 Occurrences, Post-op
[ ]	CBC with platelet and differential	AM draw, Starting S+1 For 1 Occurrences, Post-op
[ ]	Partial thromboplastin time	AM draw, Starting S+1 For 1 Occurrences, Post-op
[ ]	Prothrombin time with INR	AM draw, Starting S+1 For 1 Occurrences, Post-op

Labs - AM Daily x 3

[X]	Hemoglobin	AM draw repeats For 3 Occurrences, PACU & Post-op

Imaging

CT

[ ]	CT Cervical Spine Wo Contrast	Routine, 1 time imaging, Starting S at 1:00 AM For 1 , PACU & Post-op
[ ]	CT Thoracic Spine Wo Contrast	Routine, 1 time imaging, Starting S at 1:00 AM For 1 , PACU & Post-op
[ ]	CT Lumbar Spine Wo Contrast	Routine, 1 time imaging, Starting S at 1:00 AM For 1 , PACU & Post-op

X-ray

[ ]	Chest 1 Vw	Routine, 1 time imaging, Starting S at 1:00 AM For 1 , PACU & Post-op
[ ]	Chest 1 Vw in AM	Routine, 1 time imaging, Starting S+1 For 1 , PACU & Post-op
[ ]	Chest 2 Vw	Routine, 1 time imaging, Starting S at 1:00 AM For 1 , PACU & Post-op
[ ]	XR Spine Scoliosos 2-3 Views	Routine, 1 time imaging, Starting S at 1:00 AM For 1 Please add 32 millimeter image calibration necklace to the field of view., PACU & Post-op
[ ]	Thoracic Spine 1 Vw	Routine, 1 time imaging, Starting S at 1:00 AM For 1 , PACU & Post-op
[ ]	Lumbar Spine 1 Vw	Routine, 1 time imaging, Starting S at 1:00 AM For 1 , PACU & Post-op
[ ]	Lumbar Spine Ap Lateral Flexion And Extension	Routine, 1 time imaging, Starting S at 1:00 AM For 1 , PACU & Post-op
[ ]	Lumbar Spine Complete 4+ Vw	Routine, 1 time imaging, Starting S at 1:00 AM For 1 , PACU & Post-op
[ ]	Thoracolumbar Spine 2 Vw	Routine, 1 time imaging, Starting S at 1:00 AM For 1 , PACU & Post-op

Respiratory

Respiratory

[ ] Oxygen therapy - Simple face mask	Routine, Continuous Device: Simple Face Mask Rate in liters per minute: 6 lpm Rate in tenths of a liter per minute: O2 %: Titrate to keep O2 Sat Above: 92% Indications for O2 therapy: Device 2: Device 3: PACU & Post-op
[X] Incentive spirometry	Routine, Every hour while awake For 2 Days Every hour while awake for 2 days., PACU & Post-op
[ ] Pulse oximetry check	Routine, Daily Current FIO2 or Room Air: PACU & Post-op

Consults

For Physician Consult orders use sidebar

Ancillary Consults

[ ] Consult to Case Management for discharge planning	Consult Reason: Discharge Planning PACU & Post-op
[ ] Consult to Social Work	Reason for Consult: PACU & Post-op
[X] Consult PT Eval and Treat	Reasons for referral to Physical Therapy (mark all applicable): Post Neuromuscular or Musculoskeletal Surgery Care. Are there any restrictions for positioning or mobility? Please provide safe ranges for HR, BP, O2 saturation(if values are very abnormal): Weight Bearing Status: PACU & Post-op
[ ] Consult to PT Wound Care Eval and Treat	Special Instructions: Location of Wound? PACU & Post-op
[X] Consult OT Eval and Teat	Reason for referral to Occupational Therapy (mark all that apply): Decline in Activities of Daily Living performance from baseline (bathing, dressing, toileting, grooming) Are there any restrictions for positioning or mobility? Please provide safe ranges for HR, BP, O2 saturation(if values are very abnormal): Weight Bearing Status: PACU & Post-op
[ ] Consult to Nutrition Services	Reason For Consult? Purpose/Topic: PACU & Post-op
[ ] Consult to Spiritual Care	Reason for consult? PACU & Post-op
[ ] Consult to Speech Language Pathology	Routine, Once Reason for consult: PACU & Post-op
[ ] Consult to Wound Ostomy Care nurse	Reason for consult: Reason for consult: Reason for consult: Reason for consult: Consult for NPWT: Reason for consult: Reason for consult: PACU & Post-op
[ ] Consult to Respiratory Therapy	Reason for Consult? PACU & Post-op