

## Cardiac Catheterization Post Procedure - Inpatient [1554]

This non-interventional order set is intended for patients transferring to a unit. Medications in this order set are hospital medications.

For non-interventional outpatients discharging home, use the Cardiac Catheterization Post Procedure - Outpatient order set.

4 new available Cath Lab order sets:

Discharge Post Procedure:

Cardiac Catheterization Post Procedure - Outpatient

Cardiac Catheterization PCI Intervention - Outpatient

Admit/Transfer to Unit:

Cardiac Catheterization Post Procedure - Inpatient

Cardiac Catheterization PCI Intervention - Inpatient

## General

### Elective Outpatient, Observation, or Admission (Single Response)

<input type="checkbox"/> Elective outpatient procedure: Discharge following routine recovery	Routine, Continuous, Scheduling/ADT
<input type="checkbox"/> Outpatient observation services under general supervision	Admitting Physician: Patient Condition: Bed request comments: Scheduling/ADT
<input type="checkbox"/> Outpatient in a bed - extended recovery	Admitting Physician: Bed request comments: Scheduling/ADT
<input type="checkbox"/> 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. Scheduling/ADT

### Elective Outpatient, Observation, or Admission (Single Response)

<input type="checkbox"/> Elective outpatient procedure: Discharge following routine recovery	Routine, Continuous, PACU & Post-op
<input type="checkbox"/> Outpatient observation services under general supervision	Admitting Physician: Patient Condition: Bed request comments: PACU & Post-op
<input type="checkbox"/> Outpatient in a bed - extended recovery	Admitting Physician: Bed request comments: PACU & Post-op
<input type="checkbox"/> 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

## Isolation

Airborne isolation status

<input type="checkbox"/>	Airborne isolation status	Details
<input type="checkbox"/>	Mycobacterium tuberculosis by PCR - If you suspect Tuberculosis, please order this test for rapid diagnostics.	Once, Sputum, Post-op
<input type="checkbox"/>	Contact isolation status	Details
<input type="checkbox"/>	Droplet isolation status	Details
<input type="checkbox"/>	Enteric isolation status	Details

### Precautions

<input type="checkbox"/>	Aspiration precautions	Post-op
<input type="checkbox"/>	Fall precautions	Increased observation level needed: Post-op
<input type="checkbox"/>	Latex precautions	Post-op
<input type="checkbox"/>	Seizure precautions	Increased observation level needed: Post-op

## Nursing - Post Procedure

### Femoral - Sheath Removal

<input type="checkbox"/>	Closure Devices	
<input type="checkbox"/>	The physician must be notified for any signs of complications.	Routine, Until discontinued, Starting S, for abnormal vital signs, uncontrolled pain, absence of pulses/limb discoloration, bleeding, hematoma formation, or signs of complications., Post-op
<input type="checkbox"/>	Activity (Selection Required)	
<input type="checkbox"/>	Patient was treated with a closure device.	Routine, Until discontinued, Starting S Bedrest required minimum of *** hours. Keep affected leg straight., Post-op
<input type="checkbox"/>	Patient Education Prior to Sheath Removal and Hospital Discharge	
<input type="checkbox"/>	Patient education prior to post-sheath removal	Routine, Once, Starting S For 1 Occurrences Patient/Family: Patient Education for: Other (specify), Activity Specify: Patient education prior to post sheath removal. Sign and symptoms, Post-op
<input type="checkbox"/>	Patient education prior to discharge	Routine, Prior to discharge, Starting S Patient/Family: Patient Education for: Other (specify), Activity, Discharge, Smoking cessation counseling Specify: Patient education prior to discharge. Provide discharge instruction on emergent physician contact/symptom reporting due to bleeding/hematoma/swelling/pain/tenderness/numbness/tingling, Activity and Limitations and site care., Post-op
<input type="checkbox"/>	Post Procedure Assessment	
<input type="checkbox"/>	Vital signs after sheath removal	Routine, Every 15 min Vital signs after sheath removal - Obtain base line vital signs, include verified ACT. Assess/document vital signs Q 15 min x4, Q 30 min x4, Q 1 hour x4, and Q4 x4 unless otherwise ordered by the physician., Post-op
<input type="checkbox"/>	Assess post-sheath cath site	Routine, Every 15 min For 4 Occurrences Assess site for signs and symptoms of a hematoma or other vascular compromise distal to site Q 15 min x4, Q 30 min x4, Q 1 hour x4, and Q4 x4 unless otherwise ordered by the physician., Post-op
<input type="checkbox"/>	Site care	Routine, Once Site: catheter site Ensure complete hemostasis at catheter site, palpate for hematoma, apply appropriate dressing. At a minimum, cover site with 2X2 gauze and transparent dressing., Post-op
<input type="checkbox"/>	Manual Pressure	
<input type="checkbox"/>	The physician must be notified prior to sheath removal of a systolic blood if pressure >160mmHg.	Routine, Until discontinued, Starting S, prior to sheath removal if systolic blood pressure is >160mmHg., Post-op

<input type="checkbox"/>	Remove sheath	Routine, Once For 1 Occurrences when ACT less than 160 or within physician specified parameters. Sheath may be removed 2 hours after discontinuation of Angiomax (Bivalirudin) infusion unless otherwise specified by physician order., Post-op
<input type="checkbox"/>	The physician must be notified for any signs of complications.	Routine, Until discontinued, Starting S, for abnormal vital signs, uncontrolled pain, absence of pulses/limb discoloration, bleeding, hematoma formation, or signs of complications., Post-op
<input type="checkbox"/>	Activity (Selection Required)	
<input type="checkbox"/>	Bed rest times following Procedure using femoral artery access are: (Must Select One) (Single Response) (Selection Required)	
<input type="checkbox"/>	Patient was treated with a 4 French catheter. Minimum 15 minutes of pressure at site/Bedrest required minimum of 2 hours.	Routine, Until discontinued, Starting S Patient may bend unaffected leg. Use urinal or bedpan as needed., Post-op
<input type="checkbox"/>	Patient was treated with a 5 French catheter. Minimum 15 minutes of pressure at site/Bedrest required minimum of 3 hours.	Routine, Until discontinued, Starting S Patient may bend unaffected leg. Use urinal or bedpan as needed., Post-op
<input type="checkbox"/>	Patient was treated with a 6 French catheter. Minimum 20 minutes for PCI/15 minutes of pressure at site for Diagnostic/Bedrest required minimum of 4 hours.	Routine, Until discontinued, Starting S Patient may bend unaffected leg. Use urinal or bedpan as needed., Post-op
<input type="checkbox"/>	Patient was treated with a 7 French or greater catheter. Minimum 25 minutes of pressure at site/Bedrest required minimum of *** hours.	Routine, Until discontinued, Starting S Bedrest required minimum of *** hours. Keep affected leg straight. Patient may bend unaffected leg. Use urinal or bedpan as needed., Post-op
<input type="checkbox"/>	Patient Education Prior to Sheath Removal and Hospital Discharge	
<input type="checkbox"/>	Patient education prior to post-sheath removal	Routine, Once, Starting S For 1 Occurrences Patient/Family: Patient Education for: Other (specify), Activity Specify: Patient education prior to post sheath removal. Provide patient post-sheath removal instructions to include reports of warmth, moistness, swelling, numbness or pain at insertion site., Post-op
<input type="checkbox"/>	Patient education prior to discharge	Routine, Prior to discharge, Starting S Patient/Family: Patient Education for: Other (specify), Activity, Discharge, Smoking cessation counseling Specify: Patient education prior to discharge. Provide discharge instruction on emergent physician contact/symptom reporting due to bleeding/hematoma/swelling/pain/tenderness/numbness/tingling, Activity and Limitations and site care., Post-op
<input type="checkbox"/>	Pre-Sheath Removal	
<input type="checkbox"/>	Vital signs prior to sheath removal	Routine, Every 15 min Vital signs prior to sheath removal - Obtain base line vital signs, include verified ACT. Assess/document vital signs Q 15 min x4, Q 30 min x4, Q 1 hour x4, and Q4 x4 unless otherwise ordered by the physician., Post-op
<input type="checkbox"/>	Assist patient to void	Routine, Once For 1 Occurrences Assist patient to void prior to sheath removal., Post-op
<input type="checkbox"/>	Assess pre-sheath cath site	Routine, Once For 1 Occurrences Assess for signs and symptoms of hematoma or other vascular compromise distal to site on arrival unless otherwise ordered by the physician. If hematoma is present, mark on skin surface and complete hematoma documentation., Post-op
<input type="checkbox"/>	Patient transferred with sheaths left in place	Routine, Until discontinued, Starting S Patient transferred with Sheaths left in place., Post-op

<input type="checkbox"/>	Apply hemostatic patch after assessment for hematoma, distal pulses.	Routine, Until discontinued, Starting S Apply pressure proximal to site, place patch over site, slowly remove sheath, allow blood to moisten patch. Apply direct pressure to site/proximal pressure for ½ allotted time. Slowly release proximal pressure, continue direct pressure over the site for a minimum of 20 minutes for PCI/10 minutes for diagnostic cath., Post-op
<input type="checkbox"/>	Antegrade sheaths present	Routine, Until discontinued, Starting S Antegrade sheath must be pulled by Physicians or appropriately trained staff in the Cath Lab setting., Post-op
<input type="checkbox"/> Post-Sheath Removal		
<input type="checkbox"/>	Vital signs after sheath removal	Routine, Every 15 min Vital signs after sheath removal - Obtain base line vital signs, include verified ACT. Assess/document vital signs Q 15 min x4, Q 30 min x4, Q 1 hour x4, and Q4 x4 unless otherwise ordered by the physician., Post-op
<input type="checkbox"/>	Assess post-sheath cath site	Routine, Every 15 min For 4 Occurrences Assess site for signs and symptoms of a hematoma or other vascular compromise distal to site Q 15 min x4, Q 30 min x4, Q 1 hour x4, and Q4 x4 unless otherwise ordered by the physician., Post-op
<input type="checkbox"/>	Site care	Routine, Once Site: catheter site Ensure complete hemostasis at catheter site, palpate for hematoma, apply appropriate dressing. At a minimum, cover site with 2X2 gauze and transparent dressing., Post-op
<input type="checkbox"/> Compression Systems (Single Response)		
<input type="checkbox"/> C-clamp (Selection Required)		
<input type="checkbox"/>	The physician must be notified prior to sheath removal of a systolic blood if pressure >160mmHg.	Routine, Until discontinued, Starting S, prior to sheath removal of a systolic blood if pressure >160mmHg., Post-op
<input type="checkbox"/>	Remove sheath	Routine, Once For 1 Occurrences when ACT less than 160 or within physician specified parameters. Sheath may be removed 2 hours after discontinuation of Angiomax (Bivalirudin) infusion unless otherwise specified by physician order., Post-op
<input type="checkbox"/>	The physician must be notified for any signs of complications.	Routine, Until discontinued, Starting S, for abnormal vital signs, uncontrolled pain, absence of pulses/limb discoloration, bleeding, hematoma formation, or signs of complications., Post-op
<input type="checkbox"/> Activity Post Sheath Removal-Femoral Approach (Selection Required)		
<input type="checkbox"/> Bed rest times following Procedure using femoral artery access are: (Must Select One) (Single Response) (Selection Required)		
<input type="checkbox"/>	Patient was treated with a 4 French catheter. Minimum 15 minutes of pressure at site/Bedrest required minimum of 2 hours.	Routine, Until discontinued, Starting S Patient may bend unaffected leg. Use urinal or bedpan as needed., Post-op
<input type="checkbox"/>	Patient was treated with a 5 French catheter. Minimum 15 minutes of pressure at site/Bedrest required minimum of 3 hours.	Routine, Until discontinued, Starting S Patient may bend unaffected leg. Use urinal or bedpan as needed., Post-op
<input type="checkbox"/>	Patient was treated with a 6 French catheter. Minimum 20 minutes for PCI/15 minutes of pressure at site for Diagnostic/Bedrest required minimum of 4 hours.	Routine, Until discontinued, Starting S Patient may bend unaffected leg. Use urinal or bedpan as needed., Post-op
<input type="checkbox"/>	Patient was treated with a 7 French or greater catheter. Minimum 25 minutes of pressure at site/Bedrest required minimum of *** hours.	Routine, Until discontinued, Starting S Bedrest required minimum of *** hours. Keep affected leg straight. Patient may bend unaffected leg. Use urinal or bedpan as needed., Post-op
<input type="checkbox"/>	Patient Education Prior to Sheath Removal and Hospital Discharge	

<input type="checkbox"/>	Patient education prior to post-sheath removal	Routine, Once, Starting S For 1 Occurrences Patient/Family: Patient Education for: Other (specify),Activity Specify: Patient education prior to post sheath removal. Provide patient post-sheath removal instructions to include reports of warmth, moistness, swelling, numbness or pain at insertion site., Post-op
<input type="checkbox"/>	Patient education prior to discharge	Routine, Prior to discharge, Starting S Patient/Family: Patient Education for: Other (specify),Activity,Discharge,Smoking cessation counseling Specify: Patient education prior to discharge. Provide discharge instruction on emergent physician contact/symptom reporting due to bleeding/hematoma/swelling/pain/tenderness/numbness/tingling, Activity and Limitations and site care., Post-op
<input type="checkbox"/> Pre-Sheath Removal		
<input type="checkbox"/>	Vital signs prior to sheath removal	Routine, Every 15 min Vital signs prior to sheath removal - Obtain base line vital signs, include verified ACT. Assess/document vital signs Q 15 min x4, Q 30 min x4, Q 1 hour x4, and Q4 x4 unless otherwise ordered by the physician., Post-op
<input type="checkbox"/>	Assist patient to void	Routine, Once For 1 Occurrences Assist patient to void prior to sheath removal., Post-op
<input type="checkbox"/>	Assess pre-sheath cath site	Routine, Once For 1 Occurrences Assess for signs and symptoms of hematoma or other vascular compromise distal to site on arrival unless otherwise ordered by the physician. If hematoma is present, mark on skin surface and complete hematoma documentation., Post-op
<input type="checkbox"/>	Patient transferred with sheaths left in place	Routine, Until discontinued, Starting S Patient transferred with Sheaths left in place., Post-op
<input type="checkbox"/>	Apply hemostatic patch after assessment for hematoma, distal pulses.	Routine, Until discontinued, Starting S Apply pressure proximal to site, place patch over site, slowly remove sheath, allow blood to moisten patch. Apply direct pressure to site/proximal pressure for ½ allotted time. Slowly release proximal pressure, continue direct pressure over the site for a minimum of 20 minutes f or PCI/10 minutes for diagnostic cath., Post-op
<input type="checkbox"/>	Antegrade sheaths present	Routine, Until discontinued, Starting S Antegrade sheath must be pulled by Physicians or appropriately trained staff in the Cath Lab setting., Post-op
<input type="checkbox"/> Post-Sheath Removal		
<input type="checkbox"/>	Vital signs after sheath removal	Routine, Every 15 min Vital signs after sheath removal - Obtain base line vital signs, include verified ACT. Assess/document vital signs Q 15 min x4, Q 30 min x4, Q 1 hour x4, and Q4 x4 unless otherwise ordered by the physician., Post-op
<input type="checkbox"/>	Assess post-sheath cath site	Routine, Every 15 min For 4 Occurrences Assess site for signs and symptoms of a hematoma or other vascular compromise distal to site Q 15 min x4, Q 30 min x4, Q 1 hour x4, and Q4 x4 unless otherwise ordered by the physician., Post-op
<input type="checkbox"/>	Site care	Routine, Once Site: catheter site Ensure complete hemostasis at catheter site, palpate for hematoma, apply appropriate dressing. At a minimum, cover site with 2X2 gauze and transparent dressing., Post-op
<input type="checkbox"/> Femostop		
<input type="checkbox"/>	The physician must be notified prior to sheath removal of a systolic blood if pressure >160mmHg.	Routine, Until discontinued, Starting S, prior to sheath removal of a systolic blood if pressure >160mmHg., Post-op

<input type="checkbox"/>	Remove sheath	Routine, Once For 1 Occurrences when ACT less than 160 or within physician specified parameters. Sheath may be removed 2 hours after discontinuation of Angiomax (Bivalirudin) infusion unless otherwise specified by physician order., Post-op
<input type="checkbox"/>	The physician must be notified for any signs of complications.	Routine, Until discontinued, Starting S, for abnormal vital signs, uncontrolled pain, absence of pulses/limb discoloration, bleeding, hematoma formation, or signs of complications., Post-op
<input type="checkbox"/>	Follow Femostop manufacturer's guidelines in package insert.	Routine, Until discontinued, Starting S, Post-op
<input type="checkbox"/>	Activity Post Sheath Removal-Femoral Approach (Selection Required)	
<input type="checkbox"/>	Bed rest times following Procedure using femoral artery access are: (Must Select One) (Single Response) (Selection Required)	
<input type="checkbox"/>	Patient was treated with a 4 French catheter. Minimum 15 minutes of pressure at site/Bedrest required minimum of 2 hours.	Routine, Until discontinued, Starting S Patient may bend unaffected leg. Use urinal or bedpan as needed., Post-op
<input type="checkbox"/>	Patient was treated with a 5 French catheter. Minimum 15 minutes of pressure at site/Bedrest required minimum of 3 hours.	Routine, Until discontinued, Starting S Patient may bend unaffected leg. Use urinal or bedpan as needed., Post-op
<input type="checkbox"/>	Patient was treated with a 6 French catheter. Minimum 20 minutes for PCI/15 minutes of pressure at site for Diagnostic/Bedrest required minimum of 4 hours.	Routine, Until discontinued, Starting S Patient may bend unaffected leg. Use urinal or bedpan as needed., Post-op
<input type="checkbox"/>	Patient was treated with a 7 French or greater catheter. Minimum 25 minutes of pressure at site/Bedrest required minimum of *** hours.	Routine, Until discontinued, Starting S Bedrest required minimum of *** hours. Keep affected leg straight. Patient may bend unaffected leg. Use urinal or bedpan as needed., Post-op
<input type="checkbox"/>	Patient Education Prior to Sheath Removal and Hospital Discharge	
<input type="checkbox"/>	Patient education prior to post-sheath removal	Routine, Once, Starting S For 1 Occurrences Patient/Family: Patient Education for: Other (specify),Activity Specify: Patient education prior to post sheath removal. Provide patient post-sheath removal instructions to include reports of warmth, moistness, swelling, numbness or pain at insertion site., Post-op
<input type="checkbox"/>	Patient education prior to discharge	Routine, Prior to discharge, Starting S Patient/Family: Patient Education for: Other (specify),Activity,Discharge,Smoking cessation counseling Specify: Patient education prior to discharge. Provide discharge instruction on emergent physician contact/symptom reporting due to bleeding/hematoma/swelling/pain/tenderness/numbness/tingling, Activity and Limitations and site care., Post-op
<input type="checkbox"/>	Pre-Sheath Removal	
<input type="checkbox"/>	Vital signs prior to sheath removal	Routine, Every 15 min Vital signs prior to sheath removal - Obtain base line vital signs, include verified ACT. Assess/document vital signs Q 15 min x4, Q 30 min x4, Q 1 hour x4, and Q4 x4 unless otherwise ordered by the physician., Post-op
<input type="checkbox"/>	Assist patient to void	Routine, Once For 1 Occurrences Assist patient to void prior to sheath removal., Post-op

<input type="checkbox"/>	Assess pre-sheath cath site	Routine, Once For 1 Occurrences Assess for signs and symptoms of hematoma or other vascular compromise distal to site on arrival unless otherwise ordered by the physician. If hematoma is present, mark on skin surface and complete hematoma documentation., Post-op
<input type="checkbox"/>	Patient transferred with sheaths left in place	Routine, Until discontinued, Starting S Patient transferred with Sheaths left in place., Post-op
<input type="checkbox"/>	Apply hemostatic patch after assessment for hematoma, distal pulses.	Routine, Until discontinued, Starting S Apply pressure proximal to site, place patch over site, slowly remove sheath, allow blood to moisten patch. Apply direct pressure to site/proximal pressure for ½ allotted time. Slowly release proximal pressure, continue direct pressure over the site for a minimum of 20 minutes for PCI/10 minutes for diagnostic cath., Post-op
<input type="checkbox"/>	Antegrade sheaths present	Routine, Until discontinued, Starting S Antegrade sheath must be pulled by Physicians or appropriately trained staff in the Cath Lab setting., Post-op
<b>[ ] Post-Sheath Removal</b>		
<input type="checkbox"/>	Vital signs after sheath removal	Routine, Every 15 min Vital signs after sheath removal - Obtain base line vital signs, include verified ACT. Assess/document vital signs Q 15 min x4, Q 30 min x4, Q 1 hour x4, and Q4 x4 unless otherwise ordered by the physician., Post-op
<input type="checkbox"/>	Assess post-sheath cath site	Routine, Every 15 min For 4 Occurrences Assess site for signs and symptoms of a hematoma or other vascular compromise distal to site Q 15 min x4, Q 30 min x4, Q 1 hour x4, and Q4 x4 unless otherwise ordered by the physician., Post-op
<input type="checkbox"/>	Site care	Routine, Once Site: catheter site Ensure complete hemostasis at catheter site, palpate for hematoma, apply appropriate dressing. At a minimum, cover site with 2X2 gauze and transparent dressing., Post-op

### Radial - Sheath Removal

<b>[ ] Radial Compression Device (Selection Required)</b>		
<input type="checkbox"/>	NOTIFY: The physician must be notified prior to sheath removal of a systolic blood if pressure >160mmHg.	Routine, Until discontinued, Starting S, prior to sheath removal if systolic blood pressure is >160mmHg., Post-op
<input type="checkbox"/>	Remove sheath	Routine, Once For 1 Occurrences when ACT less than 160 or within physician specified parameters. Sheath may be removed 2 hours after discontinuation of Angiomax (Bivalirudin) infusion unless otherwise specified by physician order., Post-op
<input type="checkbox"/>	The physician must be notified for any signs of complications.	Routine, Until discontinued, Starting S, for abnormal vital signs, uncontrolled pain, absence of pulses/limb discoloration, bleeding, hematoma formation, or signs of complications., Post-op
<input type="checkbox"/>	Place/Maintain Sequential Compression Device following Manufacturer Insert/instructions.	Routine, Continuous Follow manufacturer insert/instructions for use, physician orders, or Progressive Cuff Deflation instruction specific to Diagnostic or Interventional Procedure performed. Radial Band, Post-op
<b>[ ] Progressive cuff deflation (Single Response) (Selection Required)</b>		
<b>( ) Diagnostic Procedures only (Selection Required)</b>		
<input type="checkbox"/>	30 minutes after Radial Compression Device applied	Routine, Until discontinued, Starting S deflate 3cc of air from cuff. If no bleeding occurs from site, deflate 3cc of air from the Radial Compression Device every 5 minutes until all air is completely removed. If bleeding occurs when 3cc of air is removed, re-inflate with 3cc of air. Wait 15 minutes, then restart releasing 3cc of air every 5 minutes until all air is completely removed. If site remains free of bleeding/hematoma after 5 min, remove TR band, apply dressing., Post-op
<b>( ) Interventional Procedures only (Selection Required)</b>		

[ ] 2 hours after Radial Compression Device applied deflate 3cc	Routine, Until discontinued, Starting S if no bleeding at site, deflate 3cc every 10 min until all air removed from cuff. If bleeding occurs when 3cc of air is removed, re-inflate with 3cc of air. Wait 30 minutes then restart releasing 3cc of air every 10 minutes until all air has been removed. If site remains free of bleeding/hematoma after 5 min, remove TR band, apply dressing., Post-op
[ ] Patient Education Prior to Sheath Removal and Hospital Discharge	
[ ] Patient education prior to post-sheath removal	Routine, Once, Starting S For 1 Occurrences Patient/Family: Patient Education for: Other (specify), Activity Specify: Patient education prior to post sheath removal. Provide patient post-sheath removal instructions to include reports of warmth, moistness, swelling, numbness or pain at insertion site., Post-op
[ ] Patient education prior to discharge	Routine, Prior to discharge, Starting S Patient/Family: Patient Education for: Other (specify), Activity, Discharge, Smoking cessation counseling Specify: Patient education prior to discharge. Provide discharge instruction on emergent physician contact/symptom reporting due to bleeding/hematoma/swelling/pain/tenderness/numbness/tingling, Activity and Limitations and site care., Post-op
[ ] Pre-Sheath Removal	
[ ] Vital signs prior to sheath removal	Routine, Every 15 min Vital signs prior to sheath removal - Obtain base line vital signs, include verified ACT. Assess/document vital signs Q 15 min x4, Q 30 min x4, Q 1 hour x4, and Q4 x4 unless otherwise ordered by the physician., Post-op
[ ] Assist patient to void	Routine, Once For 1 Occurrences Assist patient to void prior to sheath removal., Post-op
[ ] Assess pre-sheath cath site	Routine, Once For 1 Occurrences Assess for signs and symptoms of hematoma or other vascular compromise distal to site on arrival unless otherwise ordered by the physician. If hematoma is present, mark on skin surface and complete hematoma documentation., Post-op
[ ] Patient transferred with sheaths left in place	Routine, Until discontinued, Starting S Patient transferred with Sheaths left in place., Post-op
[ ] Apply hemostatic patch after assessment for hematoma, distal pulses.	Routine, Until discontinued, Starting S Apply pressure proximal to site, place patch over site, slowly remove sheath, allow blood to moisten patch. Apply direct pressure to site/proximal pressure for ½ allotted time. Slowly release proximal pressure, continue direct pressure over the site for a minimum of 20 minutes for PCI/10 minutes for diagnostic cath., Post-op
[ ] Antegrade sheaths present	Routine, Until discontinued, Starting S Antegrade sheath must be pulled by Physicians or appropriately trained staff in the Cath Lab setting., Post-op
[ ] Post-Sheath Removal (Selection Required)	
[ ] Vital signs after sheath removal	Routine, Every 15 min Vital signs after sheath removal - Obtain base line vital signs, include verified ACT. Assess/document vital signs Q 15 min x4, Q 30 min x4, Q 1 hour x4, and Q4 x4 unless otherwise ordered by the physician., Post-op
[ ] Peripheral vascular assessment - Monitor access site	Routine, Every 15 min Monitor access site, extremity distal to puncture every 15 min until Radial approach cath band removed., Post-op
[ ] Notify physician of bleeding and/or loss of pulses.	Routine, Until discontinued, Starting S, Notify physician of bleeding and/or loss of pulses., Post-op



<input type="checkbox"/> Site care	Routine, Once Site: catheter site Ensure complete hemostasis at catheter site, palpate for hematoma, apply appropriate dressing. At a minimum, cover site with 2X2 gauze and transparent dressing., Post-op
<input type="checkbox"/> No blood pressure readings, lab draws, or IV access	Routine, Until discontinued, Starting S No blood pressure readings, lab draws, or IV access in the affected arm for 24 hours., Post-op
<input type="checkbox"/> Limit movement in affected arm 6 hrs post procedure	Routine, Until discontinued, Starting S IF needed, place wrist on arm board to restrict movement., Post-op
<input type="checkbox"/> Patient may ambulate 30 minutes after arrival in recovery area.	Routine, Until discontinued, Starting S Specify: Other activity (specify) Other: Patient may ambulate 30 minutes after arrival in recovery area. Post-op
<input type="checkbox"/> Manual Pressure - without Radial Compression Device	
<input type="checkbox"/> The physician must be notified prior to sheath removal of a systolic blood if pressure >160mmHg.	Routine, Until discontinued, Starting S, prior to sheath removal of a systolic blood if pressure >160mmHg., Post-op
<input type="checkbox"/> Remove sheath	Routine, Once For 1 Occurrences when ACT less than 160 or within physician specified parameters. Sheath may be removed 2 hours after discontinuation of Angiomax (Bivalirudin) infusion unless otherwise specified by physician order., Post-op
<input type="checkbox"/> The physician must be notified for any signs of complications.	Routine, Until discontinued, Starting S, for abnormal vital signs, uncontrolled pain, absence of pulses/limb discoloration, bleeding, hematoma formation, or signs of complications., Post-op
<input type="checkbox"/> Patient Education Prior to Sheath Removal and Hospital Discharge	
<input type="checkbox"/> Patient education prior to post-sheath removal	Routine, Once, Starting S For 1 Occurrences Patient/Family: Patient Education for: Other (specify), Activity Specify: Patient education prior to post sheath removal. Provide patient post-sheath removal instructions to include reports of warmth, moistness, swelling, numbness or pain at insertion site., Post-op
<input type="checkbox"/> Patient education prior to discharge	Routine, Prior to discharge, Starting S Patient/Family: Patient Education for: Other (specify), Activity, Discharge, Smoking cessation counseling Specify: Patient education prior to discharge. Provide discharge instruction on emergent physician contact/symptom reporting due to bleeding/hematoma/swelling/pain/tenderness/numbness/tingling, Activity and Limitations and site care., Post-op
<input type="checkbox"/> Pre-Sheath Removal	
<input type="checkbox"/> Vital signs prior to sheath removal	Routine, Every 15 min Vital signs prior to sheath removal - Obtain base line vital signs, include verified ACT. Assess/document vital signs Q 15 min x4, Q 30 min x4, Q 1 hour x4, and Q4 x4 unless otherwise ordered by the physician., Post-op
<input type="checkbox"/> Assist patient to void	Routine, Once For 1 Occurrences Assist patient to void prior to sheath removal., Post-op
<input type="checkbox"/> Assess pre-sheath cath site	Routine, Once For 1 Occurrences Assess for signs and symptoms of hematoma or other vascular compromise distal to site on arrival unless otherwise ordered by the physician. If hematoma is present, mark on skin surface and complete hematoma documentation., Post-op
<input type="checkbox"/> Patient transferred with sheaths left in place	Routine, Until discontinued, Starting S Patient transferred with Sheaths left in place., Post-op

<input type="checkbox"/>	Apply hemostatic patch after assessment for hematoma, distal pulses.	Routine, Until discontinued, Starting S Apply pressure proximal to site, place patch over site, slowly remove sheath, allow blood to moisten patch. Apply direct pressure to site/proximal pressure for ½ allotted time. Slowly release proximal pressure, continue direct pressure over the site for a minimum of 20 minutes for PCI/10 minutes for diagnostic cath., Post-op
<input type="checkbox"/>	Antegrade sheaths present	Routine, Until discontinued, Starting S Antegrade sheath must be pulled by Physicians or appropriately trained staff in the Cath Lab setting., Post-op
<b>[ ] Post-Sheath Removal</b>		
<input type="checkbox"/>	Vital signs after sheath removal	Routine, Every 15 min Vital Signs after sheath removal - Obtain base line vital signs, include verified ACT. Assess/document vital signs Q 15 min x4, Q 30 min x4, Q 1 hour x4, and Q4 x4 unless otherwise ordered by the physician., Post-op
<input type="checkbox"/>	Notify physician of bleeding and/or loss of pulses.	Routine, Until discontinued, Starting S, Notify physician of bleeding and/or loss of pulses., Post-op
<input type="checkbox"/>	Site care	Routine, Once Site: catheter site Ensure complete hemostasis at catheter site, palpate for hematoma, apply appropriate dressing. At a minimum, cover site with 2X2 gauze and transparent dressing., Post-op
<input type="checkbox"/>	No blood pressure readings, lab draws, or IV access	Routine, Until discontinued, Starting S No blood pressure readings, lab draws, or IV access in the affected arm for 24 hours., Post-op
<input type="checkbox"/>	Limit movement in affected arm 6 hrs post procedure and keep wrist straight for 48 hrs.	Routine, Until discontinued, Starting S, Post-op
<input type="checkbox"/>	Patient may ambulate 30 minutes after arrival in recovery area.	Routine, Until discontinued, Starting S Specify: Other activity (specify) Other: Patient may ambulate 30 minutes after arrival in recovery area. Post-op

#### Pre-sheath(s) Removal Diet

<input type="checkbox"/>	Diet Clear Liquids	Diet effective now, Starting S Diet(s): Clear Liquids Advance Diet as Tolerated? No IDDSI Liquid Consistency: Fluid Restriction: Foods to Avoid: Until sheath(s) removed., Post-op
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#### Diet - Post-sheath(s) Removal (Single Response)

<input checked="" type="checkbox"/>	Diet - Clear Liquids	Diet effective now, Starting S Diet(s): Clear Liquids Advance Diet as Tolerated? Yes Target Diet: Heart Healthy Advance target diet criteria: IDDSI Liquid Consistency: Fluid Restriction: Foods to Avoid: Post-op
<input type="checkbox"/>	Diet - Heart Healthy	Diet effective now, Starting S Diet(s): Heart Healthy Advance Diet as Tolerated? IDDSI Liquid Consistency: Fluid Restriction: Foods to Avoid: Post-op

<input type="checkbox"/> Diet - 1800 Kcal/202 gm Carbohydrate	Diet effective now, Starting S Diet(s): Other Diabetic/Cal Diabetic/Calorie: 1800 Kcal/202 gm Carbohydrate Advance Diet as Tolerated? IDDSI Liquid Consistency: Fluid Restriction: Foods to Avoid: Post-op
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**Diet - Post Sheath(s) Removal HMSJ**

<input type="checkbox"/> Diet - Regular	Diet effective now, Starting S Diet(s): Regular Advance Diet as Tolerated? IDDSI Liquid Consistency: Fluid Restriction: Foods to Avoid: Post-op
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<input type="checkbox"/> Diet - 1800 Carb Control Diabetic	Diet effective now, Starting S Diet(s): Other Diabetic/Cal Diabetic/Calorie: 1800 Kcal/202 gm Carbohydrate Advance Diet as Tolerated? IDDSI Liquid Consistency: Fluid Restriction: Foods to Avoid: Post-op
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<input type="checkbox"/> Diet - Heart Healthy	Diet effective now, Starting S Diet(s): Heart Healthy Advance Diet as Tolerated? IDDSI Liquid Consistency: Fluid Restriction: Foods to Avoid: Post-op
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<input type="checkbox"/> Diet - Finger Foods	Diet effective now, Starting S Diet(s): Additional Instructions Additional Instructions: Finger Foods Advance Diet as Tolerated? IDDSI Liquid Consistency: Fluid Restriction: Foods to Avoid: Post-op
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**Telemetry and IV**

<input type="checkbox"/> Telemetry	<b>"And" Linked Panel</b>
<input type="checkbox"/> Telemetry monitoring	Routine, Continuous Order: Place in Centralized Telemetry Monitor: EKG Monitoring Only (Telemetry Box) Reason for telemetry: Post-op catheter-based cardiac procedure Can be off of Telemetry for tests and baths? Yes Post-op

<input type="checkbox"/> 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 Post-op
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<input type="checkbox"/> Saline lock IV	Routine, Continuous, Post-op
<input type="checkbox"/> Maintain IV access	Routine, Until discontinued, Starting S, Post-op

Discontinue IV

Routine, Once, Post-op

## Hydration Protocol-Prevention of Contrast Induced Nephropathy

### IV Fluids

sodium chloride 0.9 % infusion 150 mL/hr, intravenous, continuous, Post-op

### IV Hydration - Prevention of Contrast Induced Nephrotoxicity (Single Response)

#### (X) Inpatient (Single Response)

- |   |  |
|---|--|
| <input type="checkbox"/> Patients with EF LESS than 40% or with evidence of fluid overload  | 0.5 mL/kg/hr, intravenous, continuous, Post-op<br>Inf use for 6 hours Post-Procedure |
| <input type="checkbox"/> Patients with EF GREATER than 40% or no evidence of fluid overload | 1 mL/kg/hr, intravenous, continuous, Post-op<br>Inf use for 6 hours Post-Procedure   |

## Medications

### Analgesics - Mild Pain (Pain Score 1-3) (Single Response)

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

### Analgesics - Moderate Pain (Pain Score 4-6) (Single Response)

- acetaminophen-codeine (TYLENOL #3) 300-30 mg tablet 1 tablet, oral, every 4 hours PRN, moderate pain (score 4-6), Post-op  
Give if patient is able to tolerate oral medication  
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:
- HYDROcodone-acetaminophen (NORCO) 5-325 mg tablet 1 tablet, oral, every 4 hours PRN, moderate pain (score 4-6), Post-op  
Give if patient is able to tolerate oral medication

### Analgesics - Severe Pain (Pain Score 7-10) (Single Response)

- morphine 2 mg/mL injection 2 mg, intravenous, every 2 hour PRN, severe pain (score 7-10), Post-op  
Use if patient is unable to swallow or faster onset is needed
- fentaNYL (SUBLIMAZE) injection 25 mcg, intravenous, every 2 hour PRN, severe pain (score 7-10), Post-op  
Use if patient is unable to swallow or faster onset is needed

### Nitrates

- nitroglycerin infusion 5-200 mcg/min, intravenous, continuous, Post-op
- isosorbide mononitrate (ISMO, MONOKET) tablet 20 mg, oral, 2 times daily at 0900, 1600, Post-op Post-Op  
BP HOLD parameters for this order:  
Contact Physician if:
- isosorbide mononitrate (IMDUR) 24 hr tablet oral, daily, Post-op Post-Op  
BP HOLD parameters for this order:  
Contact Physician if:
- nitroglycerin (NITRODUR) 24 hr patch transdermal, for 12 Hours, daily, Post-op Post-Op
- nitroglycerin (NITROSTAT) 2% ointment 1 inch, Topical, every 6 hours scheduled, Post-op Post-Op, Apply to chest wall
- nitroglycerin (NITROSTAT) SL tablet 0.4 mg, sublingual, every 5 min PRN, chest pain, For 3 Doses, Post-op Post-Op. Call provider after third dose.

### Antiplatelet Agents (Single Response)

- Loading Dose Followed By Maintenance (Single Response)

- ( ) clopidogrel (PLAVIX) 300 mg Loading Dose followed by 75 mg Maintenance Dose and aspirin EC 81 mg tablet
- clopidogrel (PLAVIX) Loading and Maintenance doses **"Followed by" Linked Panel**
- Loading Dose - clopidogrel (PLAVIX) tablet 300 mg, oral, once, For 1 Doses, Post-op Loading Dose
- Maintenance Dose - clopidogrel (PLAVIX) tablet 75 mg, oral, daily, Starting S+1, Post-op Maintenance Dose
- aspirin (ECOTRIN) enteric coated tablet 81 mg, oral, daily, Starting S+1, Post-op
- ( ) ticagrelor (BRILINTA) 180 mg Loading Dose followed by 90 mg Maintenance Dose and aspirin EC 81 mg tablet
- ticagrelor (BRILINTA) Oral Loading and Maintenance Doses **"Followed by" Linked Panel**
- Loading Dose - ticagrelor (BRILINTA) tablet 180 mg, oral, once, For 1 Doses, Post-op Loading Dose
- Maintenance Dose - ticagrelor (BRILINTA) tablet 90 mg, oral, 2 times daily, Starting H+12 Hours, Post-op Maintenance Dose
- aspirin (ECOTRIN) enteric coated tablet 81 mg, oral, daily, Starting S+1, Post-op
- ( ) prasugrel (EFFIENT) 60 mg Loading Dose followed by 10 mg Maintenance Dose and aspirin EC 81 mg tablet (Selection Required)
- prasugrel (EFFIENT) Loading and Maintenance Doses **"Followed by" Linked Panel**
- Maintenance Dose Instructions:  
Lower the dose to 5 mg for high risk patients (age GREATER than or EQUAL to 75 OR weight LESS than 60 kg)
- Loading Dose - prasugrel (EFFIENT) tablet 60 mg, oral, once, For 1 Doses, Post-op Loading Dose
- Maintenance Dose - prasugrel (EFFIENT) tablet 10 mg, oral, daily, Starting H+24 Hours, Post-op Maintenance Dose
- aspirin (ECOTRIN) enteric coated tablet 81 mg, oral, daily, Starting S+1, Post-op
- \*\* DO NOT REMOVE \*\* Pharmacy Consult to educate patient on prasugrel (EFFIENT) (Selection Required)
- Pharmacy Consult to educate patient on prasugrel (EFFIENT) STAT, Once For 1 Occurrences  
Which drug do you need help dosing? prasugrel (EFFIENT)

( ) Maintenance Doses Only (Single Response)

- ( ) clopidogrel (PLAVIX) 75 mg Maintenance Dose and aspirin EC 81 mg tablet - Start Tomorrow
- clopidogrel (PLAVIX) tablet 75 mg, oral, daily, Starting S+1, Post-op
- aspirin (ECOTRIN) enteric coated tablet 81 mg, oral, daily, Starting S+1, Post-op
- ( ) ticagrelor (BRILINTA) 90 mg Maintenance Dose and aspirin EC 81 mg tablet - Start 12 Hours from Now
- ticagrelor (BRILINTA) tablet 90 mg, oral, 2 times daily, Starting H+12 Hours, Post-op
- aspirin (ECOTRIN) enteric coated tablet 81 mg, oral, daily, Starting S+1, Post-op
- ( ) prasugrel (EFFIENT) 10 mg Maintenance Dose and aspirin EC 81 mg tablet - Start Tomorrow
- prasugrel (EFFIENT) tablet + consult (Selection Required) **"And" Linked Panel**
- prasugrel (EFFIENT) tablet 10 mg, oral, daily, Starting S+1, Post-op
- prasugrel (EFFIENT) consult STAT, Once For 1 Occurrences  
Which drug do you need help dosing? prasugrel (EFFIENT)
- aspirin (ECOTRIN) enteric coated tablet 81 mg, oral, daily, Starting S+1, Post-op

**Anti-hyperlipidemic Agents (Single Response)**

( ) Moderate Intensity (Single Response)

- ( ) atorvastatin (LIPITOR) tablet - Moderate Intensity 10 mg, oral, nightly, Post-op
- ( ) atorvastatin (LIPITOR) tablet - Moderate Intensity 20 mg, oral, nightly, Post-op
- ( ) rosuvastatin (CRESTOR) tablet - Moderate Intensity 10 mg, oral, nightly, Post-op

( ) High Intensity (Single Response)

<input type="checkbox"/> atorvastatin (LIPITOR) tablet - High Intensity	40 mg, oral, nightly, Post-op
<input type="checkbox"/> atorvastatin (LIPITOR) tablet - High Intensity	80 mg, oral, nightly, Post-op
<input type="checkbox"/> rosuvastatin (CRESTOR) tablet - High Intensity	20 mg, oral, nightly, Post-op

#### ARB/ACE Inhibitors

<input type="checkbox"/> captopril (CAPOTEN) tablet	6.25 mg, oral, 3 times daily, Post-op Hold for systolic blood pressure less than 90 millimeters of mercury BP HOLD parameters for this order: Contact Physician if:
<input type="checkbox"/> enalapril (VASOTEC) tablet	2.5 mg, oral, 2 times daily, Post-op Hold for systolic blood pressure less than 90 millimeters of mercury BP HOLD parameters for this order: Contact Physician if:
<input type="checkbox"/> enalaprilat (VASOTEC) injection	2.5 mg, intravenous, Post-op BP HOLD parameters for this order: Contact Physician if:
<input type="checkbox"/> lisinopril (PRINIVIL,ZESTRIL) tablet	5 mg, oral, daily, Post-op Hold for systolic blood pressure less than 90 millimeters of mercury BP HOLD parameters for this order: Contact Physician if:
<input type="checkbox"/> valsartan (DIOVAN) tablet	160 mg, oral, 2 times daily, Post-op BP HOLD parameters for this order: Contact Physician if:
<input type="checkbox"/> losartan (COZAAR) tablet	25 mg, oral, daily, Post-op Hold for systolic blood pressure less than 90 millimeters of mercury BP HOLD parameters for this order: Contact Physician if:

#### Anti-Anginal

<input type="checkbox"/> ranolazine (RANEXA) 12 hr tablet	500 mg, oral, 2 times daily, Post-op
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#### Antiemetics

<input checked="" type="checkbox"/> ondansetron (ZOFTRAN) IV or Oral (Selection Required)	<b>"Or" Linked Panel</b>
<input checked="" type="checkbox"/> ondansetron ODT (ZOFTRAN-ODT) disintegrating tablet	4 mg, oral, every 8 hours PRN, nausea, vomiting, Post-op Give if patient is able to tolerate oral medication.
<input checked="" type="checkbox"/> ondansetron (ZOFTRAN) 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.
<input checked="" type="checkbox"/> promethazine (PHENERGAN) IV or Oral or Rectal	<b>"Or" Linked Panel</b>
<input checked="" type="checkbox"/> promethazine (PHENERGAN) 12.5 mg in sodium chloride 0.9 % 0.9 % 20 mL for Alaris pump syringe option	12.5 mg, intravenous, at 60 mL/hr, for 20 Minutes, every 6 hours PRN, nausea, vomiting, Post-op Give if ondansetron (ZOFTRAN) is ineffective and patient is UNable to tolerate oral or rectal medication OR if a faster onset of action is required.
<input checked="" type="checkbox"/> promethazine (PHENERGAN) tablet	12.5 mg, oral, every 6 hours PRN, nausea, vomiting, Post-op Give if ondansetron (ZOFTRAN) is ineffective and patient is able to tolerate oral medication.
<input checked="" type="checkbox"/> promethazine (PHENERGAN) suppository	12.5 mg, rectal, every 6 hours PRN, nausea, vomiting, Post-op Give if ondansetron (ZOFTRAN) is ineffective and patient is UNable to tolerate oral medication.

#### Anxiolytics (Single Response)

<input type="checkbox"/> LORazepam (ATIVAN) tablet	0.5 mg, oral, every 4 hours PRN, anxiety, Post-op Indication(s): Anxiety
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<input type="checkbox"/> ALPRAZolam (XANAX) tablet	0.25 mg, oral, every 8 hours PRN, anxiety, Post-op Indication(s): Anxiety
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### For Sheath(s) Pull Only

<input type="checkbox"/> atropine injection	0.5 mg, intravenous, once PRN, for heart rate LESS than 55 beats per minute., Post-op
<input type="checkbox"/> diazepam (VALIUM) injection	1 mg, intravenous, once PRN, sedation, Post-op Indication(s): Sedation
<input type="checkbox"/> MIDAZolam (VERSED) injection	1 mg, intravenous, once PRN, sedation, Post-op Indication(s): Sedation
<input type="checkbox"/> fentaNYL (SUBLIMAZE) injection	25 mcg, intravenous, once PRN, severe pain (score 7-10), sheath pull, Post-op
<input type="checkbox"/> morPHINE injection	1 mg, intravenous, once PRN, severe pain (score 7-10), sheath pull, Post-op

### Insomnia: For Patients LESS than 70 years old (Single Response)

<input type="checkbox"/> zolpidem (AMBIEN) tablet	5 mg, oral, nightly PRN, sleep, Post-op
<input type="checkbox"/> ramelteon (ROZEREM) tablet	8 mg, oral, nightly PRN, sleep, Post-op

### Insomnia: For Patients GREATER than or EQUAL to 70 years old (Single Response)

<input type="checkbox"/> ramelteon (ROZEREM) tablet	8 mg, oral, nightly PRN, sleep, Post-op
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### Other - PRN

<input type="checkbox"/> docusate sodium (COLACE) capsule	100 mg, oral, 2 times daily PRN, constipation, Post-op
<input type="checkbox"/> magnesium hydroxide suspension	30 mL, oral, 4 times daily PRN, indigestion, Post-op

## VTE

### DVT Risk and Prophylaxis Tool (Single Response) (Selection Required)

<input type="checkbox"/> 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
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<input type="checkbox"/> LOW Risk of DVT (Selection Required)	Low Risk Definition Age less than 60 years and NO other VTE risk factors
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#### Low Risk (Single Response) (Selection Required)

<input type="checkbox"/> Low risk of VTE	Routine, Once Low risk: Due to low risk, no VTE prophylaxis is needed. Will encourage early ambulation PACU & Post-op
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#### MODERATE Risk of DVT - Surgical (Selection Required)

Moderate Risk Definition  
Pharmacologic prophylaxis must be addressed. Mechanical prophylaxis is optional unless pharmacologic is contraindicated.  
One or more of the following medical conditions:  
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  
Age 60 and above  
Central line  
History of DVT or family history of VTE  
Anticipated length of stay GREATER than 48 hours  
Less than fully and independently ambulatory  
Estrogen therapy  
Moderate or major surgery (not for cancer)  
Major surgery within 3 months of admission

<input type="checkbox"/>	Moderate Risk (Selection Required)	
<input type="checkbox"/>	Moderate risk of VTE	Routine, Once, PACU & Post-op
<input type="checkbox"/>	Moderate Risk Pharmacological Prophylaxis - Surgical Patient (Single Response) (Selection Required)	
<input type="checkbox"/>	Contraindications exist for pharmacologic prophylaxis BUT order Sequential compression device	<b>"And" Linked Panel</b>
<input type="checkbox"/>	Contraindications exist for pharmacologic prophylaxis	Routine, Once No pharmacologic VTE prophylaxis due to the following contraindication(s): Post-op
<input type="checkbox"/>	Place/Maintain sequential compression device continuous	Routine, Continuous, Post-op
<input type="checkbox"/>	Contraindications exist for pharmacologic prophylaxis AND mechanical prophylaxis	<b>"And" Linked Panel</b>
<input type="checkbox"/>	Contraindications exist for pharmacologic prophylaxis	Routine, Once No pharmacologic VTE prophylaxis due to the following contraindication(s): Post-op
<input type="checkbox"/>	Contraindications exist for mechanical prophylaxis	Routine, Once No mechanical VTE prophylaxis due to the following contraindication(s): Post-op
<input type="checkbox"/>	enoxaparin (LOVENOX) injection (Single Response) (Selection Required)	
<input type="checkbox"/>	enoxaparin (LOVENOX) syringe	40 mg, subcutaneous, daily at 0600, Starting S+1, Post-op
<input type="checkbox"/>	patients with CrCL LESS than 30 mL/min	30 mg, subcutaneous, daily at 0600, Starting S+1, Post-op For Patients with CrCL LESS than 30 mL/min
<input type="checkbox"/>	patients weight between 100-139 kg AND CrCl GREATER than 30 mL/min	30 mg, subcutaneous, 2 times daily at 0600, 1800, Starting S+1, Post-op For Patients weight between 100-139 kg and CrCl GREATER than 30 mL/min
<input type="checkbox"/>	patients weight 140 kg or GREATER AND CrCl GREATER than 30 mL/min	40 mg, subcutaneous, 2 times daily at 0600, 1800 (TIME CRITICAL), Starting S+1, Post-op For Patient weight of 140 kg or GREATER and CrCl GREATER than 30 mL/min
<input type="checkbox"/>	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):
<input type="checkbox"/>	heparin (porcine) injection	5,000 Units, subcutaneous, every 8 hours, S+1 at 6:00 AM, PACU & Post-op
<input type="checkbox"/>	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.
<input type="checkbox"/>	HEParin (porcine) injection - For Patients with weight GREATER than 100 kg	7,500 Units, subcutaneous, every 8 hours, S+1 at 6:00 AM, Post-op For patients with weight GREATER than 100 kg.
<input type="checkbox"/>	warfarin (COUMADIN) tablet	oral, daily at 1700, Starting S+1, PACU & Post-op Indication:
<input type="checkbox"/>	Pharmacy consult to manage warfarin (COUMADIN)	STAT, Until discontinued, Starting S Indication:
<input type="checkbox"/>	Mechanical Prophylaxis (Single Response) (Selection Required)	
<input type="checkbox"/>	Contraindications exist for mechanical prophylaxis	Routine, Once No mechanical VTE prophylaxis due to the following contraindication(s): Post-op
<input type="checkbox"/>	Place/Maintain sequential compression device continuous	Routine, Continuous, Post-op



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

Moderate Risk Definition

Pharmacologic prophylaxis must be addressed. Mechanical prophylaxis is optional unless pharmacologic is contraindicated.

One or more of the following medical conditions:

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

Age 60 and above

Central line

History of DVT or family history of VTE

Anticipated length of stay GREATER than 48 hours

Less than fully and independently ambulatory

Estrogen therapy

Moderate or major surgery (not for cancer)

Major surgery within 3 months of admission

[ ] 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 - **"And" Linked Panel**  
Order Sequential compression device

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

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

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

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

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

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

( ) enoxaparin (LOVENOX) syringe 40 mg, subcutaneous, daily at 1700, Starting S, Post-op

( ) patients with CrCL LESS than 30 mL/min 30 mg, subcutaneous, daily at 1700, Starting S, Post-op  
For Patients with CrCL LESS than 30 mL/min

( ) patients weight between 100-139 kg AND CrCl GREATER than 30 mL/min 30 mg, subcutaneous, 2 times daily, Starting S, Post-op  
For Patients weight between 100-139 kg and CrCl GREATER than 30 mL/min

( ) patients weight 140 kg or GREATER AND CrCl GREATER than 30 mL/min 40 mg, subcutaneous, 2 times daily, Starting S, Post-op  
For Patients weight 140 kg or GREATER and CrCl GREATER than 30 mL/min

( ) 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.

<input type="checkbox"/> HEParin (porcine) injection - For Patients with weight GREATER than 100 kg	7,500 Units, subcutaneous, every 8 hours, Post-op For patients with weight GREATER than 100 kg.
<input type="checkbox"/> warfarin (COUMADIN) tablet	oral, daily at 1700, PACU & Post-op Indication:
<input type="checkbox"/> Pharmacy consult to manage warfarin (COUMADIN)	STAT, Until discontinued, Starting S Indication:
<input type="checkbox"/> Mechanical Prophylaxis (Single Response) (Selection Required)	
<input type="checkbox"/> Contraindications exist for mechanical prophylaxis	Routine, Once No mechanical VTE prophylaxis due to the following contraindication(s): Post-op
<input type="checkbox"/> Place/Maintain sequential compression device continuous	Routine, Continuous, Post-op
<input type="checkbox"/> HIGH Risk of DVT - Surgical (Selection Required)	
High Risk Definition Both pharmacologic AND mechanical prophylaxis must be addressed. One or more of the following medical conditions: Thrombophilia (Factor V Leiden, prothrombin variant mutations, anticardiolipin antibody syndrome; antithrombin, protein C or protein S deficiency; hyperhomocysteinemia; myeloproliferative disorders) Severe fracture of hip, pelvis or leg Acute spinal cord injury with paresis Multiple major traumas Abdominal or pelvic surgery for CANCER Acute ischemic stroke History of PE	
<input type="checkbox"/> High Risk (Selection Required)	
<input type="checkbox"/> High risk of VTE	Routine, Once, PACU & Post-op
<input type="checkbox"/> High Risk Pharmacological Prophylaxis - Surgical Patient (Single Response) (Selection Required)	
<input type="checkbox"/> Contraindications exist for pharmacologic prophylaxis	Routine, Once No pharmacologic VTE prophylaxis due to the following contraindication(s): PACU & Post-op
<input type="checkbox"/> enoxaparin (LOVENOX) injection (Single Response) (Selection Required)	
<input type="checkbox"/> enoxaparin (LOVENOX) syringe	40 mg, subcutaneous, daily at 0600, Starting S+1, Post-op
<input type="checkbox"/> patients with CrCL LESS than 30 mL/min	30 mg, subcutaneous, daily at 0600, Starting S+1, Post-op For Patients with CrCL LESS than 30 mL/min
<input type="checkbox"/> patients weight between 100-139 kg AND CrCl GREATER than 30 mL/min	30 mg, subcutaneous, 2 times daily at 0600, 1800, Starting S+1, Post-op For Patients weight between 100-139 kg and CrCl GREATER than 30 mL/min
<input type="checkbox"/> patients weight 140 kg or GREATER AND CrCl GREATER than 30 mL/min	40 mg, subcutaneous, 2 times daily at 0600, 1800, Starting S+1, Post-op For Patients weight 140 kg or GREATER and CrCl GREATER than 30 mL/min
<input type="checkbox"/> 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):
<input type="checkbox"/> heparin (porcine) injection	5,000 Units, subcutaneous, every 8 hours, S+1 at 6:00 AM, PACU & Post-op
<input type="checkbox"/> 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.

<input type="checkbox"/>	HEParin (porcine) injection - For Patients with weight GREATER than 100 kg	7,500 Units, subcutaneous, every 8 hours, Starting S+1, Post-op For patients with weight GREATER than 100 kg.
<input type="checkbox"/>	warfarin (COUMADIN) tablet	oral, daily at 1700, Starting S+1, PACU & Post-op Indication:
<input type="checkbox"/>	Pharmacy consult to manage warfarin (COUMADIN)	STAT, Until discontinued, Starting S Indication:
<input type="checkbox"/> Mechanical Prophylaxis (Single Response) (Selection Required)		
<input type="checkbox"/>	Contraindications exist for mechanical prophylaxis	Routine, Once No mechanical VTE prophylaxis due to the following contraindication(s): PACU & Post-op
<input type="checkbox"/>	Place/Maintain sequential compression device continuous	Routine, Continuous, PACU & Post-op
<input type="checkbox"/> HIGH Risk of DVT - Non-Surgical (Selection Required)		
High Risk Definition Both pharmacologic AND mechanical prophylaxis must be addressed. One or more of the following medical conditions: Thrombophilia (Factor V Leiden, prothrombin variant mutations, anticardiolipin antibody syndrome; antithrombin, protein C or protein S deficiency; hyperhomocysteinemia; myeloproliferative disorders) Severe fracture of hip, pelvis or leg Acute spinal cord injury with paresis Multiple major traumas Abdominal or pelvic surgery for CANCER Acute ischemic stroke History of PE		
<input type="checkbox"/> High Risk (Selection Required)		
<input type="checkbox"/>	High risk of VTE	Routine, Once, PACU & Post-op
<input type="checkbox"/> High Risk Pharmacological Prophylaxis - Non-Surgical Patient (Single Response) (Selection Required)		
<input type="checkbox"/>	Contraindications exist for pharmacologic prophylaxis	Routine, Once No pharmacologic VTE prophylaxis due to the following contraindication(s): PACU & Post-op
<input type="checkbox"/> enoxaparin (LOVENOX) injection (Single Response) (Selection Required)		
<input type="checkbox"/>	enoxaparin (LOVENOX) syringe	40 mg, subcutaneous, daily at 1700, Starting S, Post-op
<input type="checkbox"/>	patients with CrCL LESS than 30 mL/min	30 mg, subcutaneous, daily at 1700, Starting S, Post-op For Patients with CrCL LESS than 30 mL/min
<input type="checkbox"/>	patients weight between 100-139 kg AND CrCl GREATER than 30 mL/min	30 mg, subcutaneous, 2 times daily, Starting S, Post-op For Patients weight between 100-139 kg and CrCl GREATER than 30 mL/min
<input type="checkbox"/>	patients weight 140 kg or GREATER AND CrCl GREATER than 30 mL/min	40 mg, subcutaneous, 2 times daily, Starting S, Post-op For Patients weight 140 kg or GREATER and CrCl GREATER than 30 mL/min
<input type="checkbox"/>	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):
<input type="checkbox"/>	heparin (porcine) injection	5,000 Units, subcutaneous, every 8 hours, PACU & Post-op
<input type="checkbox"/>	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.
<input type="checkbox"/>	HEParin (porcine) injection - For Patients with weight GREATER than 100 kg	7,500 Units, subcutaneous, every 8 hours, Post-op For patients with weight GREATER than 100 kg.
<input type="checkbox"/>	warfarin (COUMADIN) tablet	oral, daily at 1700, PACU & Post-op Indication:

<input type="checkbox"/>	Pharmacy consult to manage warfarin (COUMADIN)	STAT, Until discontinued, Starting S Indication:
<input type="checkbox"/> Mechanical Prophylaxis (Single Response) (Selection Required)		
<input type="checkbox"/>	Contraindications exist for mechanical prophylaxis	Routine, Once No mechanical VTE prophylaxis due to the following contraindication(s): PACU & Post-op
<input type="checkbox"/>	Place/Maintain sequential compression device continuous	Routine, Continuous, PACU & Post-op
<input type="checkbox"/> HIGH Risk of DVT - Surgical (Hip/Knee) (Selection Required)		
High Risk Definition Both pharmacologic AND mechanical prophylaxis must be addressed. One or more of the following medical conditions: Thrombophilia (Factor V Leiden, prothrombin variant mutations, anticardiolipin antibody syndrome; antithrombin, protein C or protein S deficiency; hyperhomocysteinemia; myeloproliferative disorders) Severe fracture of hip, pelvis or leg Acute spinal cord injury with paresis Multiple major traumas Abdominal or pelvic surgery for CANCER Acute ischemic stroke History of PE		
<input type="checkbox"/> High Risk (Selection Required)		
<input type="checkbox"/>	High risk of VTE	Routine, Once, PACU & Post-op
<input type="checkbox"/> High Risk Pharmacological Prophylaxis - Hip or Knee (Arthroplasty) Surgical Patient (Single Response) (Selection Required)		
<input type="checkbox"/>	Contraindications exist for pharmacologic prophylaxis	Routine, Once No pharmacologic VTE prophylaxis due to the following contraindication(s): Post-op
<input type="checkbox"/>	aspirin chewable tablet	162 mg, oral, daily, Starting S+1, Post-op
<input type="checkbox"/>	aspirin (ECOTRIN) enteric coated tablet	162 mg, oral, daily, Starting S+1, Post-op
<input type="checkbox"/> Apixaban and Pharmacy Consult (Selection Required)		
<input type="checkbox"/>	apixaban (ELIQUIS) tablet	2.5 mg, oral, 2 times daily, Starting S+1, Post-op Indications: VTE prophylaxis
<input type="checkbox"/>	Pharmacy consult to monitor apixaban (ELIQUIS) therapy	STAT, Until discontinued, Starting S Indications: VTE prophylaxis
<input type="checkbox"/> enoxaparin (LOVENOX) injection (Single Response) (Selection Required)		
<input type="checkbox"/>	enoxaparin (LOVENOX) syringe	40 mg, subcutaneous, daily at 0600, Starting S+1, Post-op
<input type="checkbox"/>	enoxaparin (LOVENOX) syringe	30 mg, subcutaneous, 2 times daily at 0600, 1800 (TIME CRITICAL), Starting S+1, Post-op
<input type="checkbox"/>	enoxaparin (LOVENOX) syringe - For Patients with CrCL LESS than 30 mL/min	30 mg, subcutaneous, daily at 0600, Starting S+1, Post-op For Patients with CrCL LESS than 30 mL/min.
<input type="checkbox"/>	enoxaparin (LOVENOX) syringe - For Patients weight between 100-139 kg and CrCl GREATER than 30 mL/min	30 mg, subcutaneous, 2 times daily at 0600, 1800 (TIME CRITICAL), Starting S+1, Post-op For Patients weight between 100-139 kg and CrCl GREATER than 30 mL/min.
<input type="checkbox"/>	enoxaparin (LOVENOX) syringe - For Patients weight between 140 kg or GREATER and CrCl GREATER than 30 mL/min	40 mg, subcutaneous, 2 times daily at 0600, 1800 (TIME CRITICAL), Starting S+1, Post-op For Patients weight 140 kg or GREATER and CrCl GREATER than 30 mL/min
<input type="checkbox"/>	fondaparinux (ARIXTRA) injection	2.5 mg, subcutaneous, daily, Starting S+1, 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):

<input type="checkbox"/> heparin (porcine) injection	5,000 Units, subcutaneous, every 8 hours, S+1 at 6:00 AM, Post-op
<input type="checkbox"/> 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, Post-op Recommended for patients with high risk of bleeding, e.g. weight LESS than 50kg and age GREATER than 75yrs.
<input type="checkbox"/> HEParin (porcine) injection - For Patients with weight GREATER than 100 kg	7,500 Units, subcutaneous, every 8 hours, S+1 at 6:00 AM, Post-op For patients with weight GREATER than 100 kg.
<input type="checkbox"/> Rivaroxaban and Pharmacy Consult (Selection Required)	
<input type="checkbox"/> rivaroxaban (XARELTO) tablet for hip or knee arthroplasty planned during this admission	10 mg, oral, daily at 0600 (TIME CRITICAL), Post-op Indications: VTE prophylaxis
<input type="checkbox"/> Pharmacy consult to monitor rivaroxaban (XARELTO) therapy	STAT, Until discontinued, Starting S Indications: VTE prophylaxis
<input type="checkbox"/> warfarin (COUMADIN) tablet	oral, daily at 1700, Starting S+1, Post-op Indication:
<input type="checkbox"/> Pharmacy consult to manage warfarin (COUMADIN)	STAT, Until discontinued, Starting S Indication:
<input type="checkbox"/> Mechanical Prophylaxis (Single Response) (Selection Required)	
<input type="checkbox"/> Contraindications exist for mechanical prophylaxis	Routine, Once No mechanical VTE prophylaxis due to the following contraindication(s): PACU & Post-op
<input type="checkbox"/> Place/Maintain sequential compression device continuous	Routine, Continuous, PACU & Post-op

#### DVT Risk and Prophylaxis Tool (Single Response)

<input type="checkbox"/> 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
<input type="checkbox"/> LOW Risk of DVT (Selection Required)	
Low Risk Definition Age less than 60 years and NO other VTE risk factors	
<input type="checkbox"/> Low Risk (Single Response) (Selection Required)	
<input type="checkbox"/> Low risk of VTE	Routine, Once Low risk: Due to low risk, no VTE prophylaxis is needed. Will encourage early ambulation PACU & Post-op
<input type="checkbox"/> MODERATE Risk of DVT - Surgical (Selection Required)	
Moderate Risk Definition Pharmacologic prophylaxis must be addressed. Mechanical prophylaxis is optional unless pharmacologic is contraindicated. One or more of the following medical conditions: 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 Age 60 and above Central line History of DVT or family history of VTE Anticipated length of stay GREATER than 48 hours Less than fully and independently ambulatory Estrogen therapy Moderate or major surgery (not for cancer) Major surgery within 3 months of admission	
<input type="checkbox"/> Moderate Risk (Selection Required)	
<input type="checkbox"/> Moderate risk of VTE	Routine, Once, PACU & Post-op
<input type="checkbox"/> Moderate Risk Pharmacological Prophylaxis - Surgical Patient (Single Response) (Selection Required)	

<input type="checkbox"/> Contraindications exist for pharmacologic prophylaxis BUT order Sequential compression device		<b>"And" Linked Panel</b>
<input type="checkbox"/> Contraindications exist for pharmacologic prophylaxis	Routine, Once No pharmacologic VTE prophylaxis due to the following contraindication(s): Post-op	
<input type="checkbox"/> Place/Maintain sequential compression device continuous	Routine, Continuous, Post-op	
<input type="checkbox"/> Contraindications exist for pharmacologic prophylaxis AND mechanical prophylaxis		<b>"And" Linked Panel</b>
<input type="checkbox"/> Contraindications exist for pharmacologic prophylaxis	Routine, Once No pharmacologic VTE prophylaxis due to the following contraindication(s): Post-op	
<input type="checkbox"/> Contraindications exist for mechanical prophylaxis	Routine, Once No mechanical VTE prophylaxis due to the following contraindication(s): Post-op	
<input type="checkbox"/> enoxaparin (LOVENOX) injection (Single Response) (Selection Required)		
<input type="checkbox"/> enoxaparin (LOVENOX) syringe	40 mg, subcutaneous, daily at 0600, Starting S+1, Post-op	
<input type="checkbox"/> patients with CrCL LESS than 30 mL/min	30 mg, subcutaneous, daily at 0600, Starting S+1, Post-op For Patients with CrCL LESS than 30 mL/min	
<input type="checkbox"/> patients weight between 100-139 kg AND CrCl GREATER than 30 mL/min	30 mg, subcutaneous, 2 times daily at 0600, 1800, Starting S+1, Post-op For Patients weight between 100-139 kg and CrCl GREATER than 30 mL/min	
<input type="checkbox"/> patients weight 140 kg or GREATER AND CrCl GREATER than 30 mL/min	40 mg, subcutaneous, 2 times daily at 0600, 1800 (TIME CRITICAL), Starting S+1, Post-op For Patient weight of 140 kg or GREATER and CrCl GREATER than 30 mL/min	
<input type="checkbox"/> 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):	
<input type="checkbox"/> heparin (porcine) injection	5,000 Units, subcutaneous, every 8 hours, S+1 at 6:00 AM, PACU & Post-op	
<input type="checkbox"/> 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.	
<input type="checkbox"/> HEParin (porcine) injection - For Patients with weight GREATER than 100 kg	7,500 Units, subcutaneous, every 8 hours, S+1 at 6:00 AM, Post-op For patients with weight GREATER than 100 kg.	
<input type="checkbox"/> warfarin (COUMADIN) tablet	oral, daily at 1700, Starting S+1, PACU & Post-op Indication:	
<input type="checkbox"/> Pharmacy consult to manage warfarin (COUMADIN)	STAT, Until discontinued, Starting S Indication:	
<input type="checkbox"/> Mechanical Prophylaxis (Single Response) (Selection Required)		
<input type="checkbox"/> Contraindications exist for mechanical prophylaxis	Routine, Once No mechanical VTE prophylaxis due to the following contraindication(s): Post-op	
<input type="checkbox"/> Place/Maintain sequential compression device continuous	Routine, Continuous, Post-op	
<input type="checkbox"/> MODERATE Risk of DVT - Non-Surgical (Selection Required)		

Moderate Risk Definition

Pharmacologic prophylaxis must be addressed. Mechanical prophylaxis is optional unless pharmacologic is contraindicated.

One or more of the following medical conditions:

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

Age 60 and above

Central line

History of DVT or family history of VTE

Anticipated length of stay GREATER than 48 hours

Less than fully and independently ambulatory

Estrogen therapy

Moderate or major surgery (not for cancer)

Major surgery within 3 months of admission

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 - **"And" Linked Panel**  
Order Sequential compression device

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

Place/Maintain sequential compression device continuous Routine, Continuous, Post-op

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

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

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

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

enoxaparin (LOVENOX) syringe 40 mg, subcutaneous, daily at 1700, Starting S, Post-op

patients with CrCL LESS than 30 mL/min 30 mg, subcutaneous, daily at 1700, Starting S, Post-op  
For Patients with CrCL LESS than 30 mL/min

patients weight between 100-139 kg AND CrCl GREATER than 30 mL/min 30 mg, subcutaneous, 2 times daily, Starting S, Post-op  
For Patients weight between 100-139 kg and CrCl GREATER than 30 mL/min

patients weight 140 kg or GREATER AND CrCl GREATER than 30 mL/min 40 mg, subcutaneous, 2 times daily, Starting S, Post-op  
For Patients weight 140 kg or GREATER and CrCl GREATER than 30 mL/min

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, Post-op  
For patients with weight GREATER than 100 kg.

<input type="checkbox"/> warfarin (COUMADIN) tablet	oral, daily at 1700, PACU & Post-op Indication:
<input type="checkbox"/> Pharmacy consult to manage warfarin (COUMADIN)	STAT, Until discontinued, Starting S Indication:
<input type="checkbox"/> Mechanical Prophylaxis (Single Response) (Selection Required)	
<input type="checkbox"/> Contraindications exist for mechanical prophylaxis	Routine, Once No mechanical VTE prophylaxis due to the following contraindication(s): Post-op
<input type="checkbox"/> Place/Maintain sequential compression device continuous	Routine, Continuous, Post-op
<input type="checkbox"/> HIGH Risk of DVT - Surgical (Selection Required)	
High Risk Definition Both pharmacologic AND mechanical prophylaxis must be addressed. One or more of the following medical conditions: Thrombophilia (Factor V Leiden, prothrombin variant mutations, anticardiolipin antibody syndrome; antithrombin, protein C or protein S deficiency; hyperhomocysteinemia; myeloproliferative disorders) Severe fracture of hip, pelvis or leg Acute spinal cord injury with paresis Multiple major traumas Abdominal or pelvic surgery for CANCER Acute ischemic stroke History of PE	
<input type="checkbox"/> High Risk (Selection Required)	
<input type="checkbox"/> High risk of VTE	Routine, Once, PACU & Post-op
<input type="checkbox"/> High Risk Pharmacological Prophylaxis - Surgical Patient (Single Response) (Selection Required)	
<input type="checkbox"/> Contraindications exist for pharmacologic prophylaxis	Routine, Once No pharmacologic VTE prophylaxis due to the following contraindication(s): PACU & Post-op
<input type="checkbox"/> enoxaparin (LOVENOX) injection (Single Response) (Selection Required)	
<input type="checkbox"/> enoxaparin (LOVENOX) syringe	40 mg, subcutaneous, daily at 0600, Starting S+1, Post-op
<input type="checkbox"/> patients with CrCL LESS than 30 mL/min	30 mg, subcutaneous, daily at 0600, Starting S+1, Post-op For Patients with CrCL LESS than 30 mL/min
<input type="checkbox"/> patients weight between 100-139 kg AND CrCl GREATER than 30 mL/min	30 mg, subcutaneous, 2 times daily at 0600, 1800, Starting S+1, Post-op For Patients weight between 100-139 kg and CrCl GREATER than 30 mL/min
<input type="checkbox"/> patients weight 140 kg or GREATER AND CrCl GREATER than 30 mL/min	40 mg, subcutaneous, 2 times daily at 0600, 1800, Starting S+1, Post-op For Patients weight 140 kg or GREATER and CrCl GREATER than 30 mL/min
<input type="checkbox"/> 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):
<input type="checkbox"/> heparin (porcine) injection	5,000 Units, subcutaneous, every 8 hours, S+1 at 6:00 AM, PACU & Post-op
<input type="checkbox"/> 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.
<input type="checkbox"/> HEParin (porcine) injection - For Patients with weight GREATER than 100 kg	7,500 Units, subcutaneous, every 8 hours, Starting S+1, Post-op For patients with weight GREATER than 100 kg.



<input type="checkbox"/> warfarin (COUMADIN) tablet	oral, daily at 1700, Starting S+1, PACU & Post-op Indication:
<input type="checkbox"/> Pharmacy consult to manage warfarin (COUMADIN)	STAT, Until discontinued, Starting S Indication:
<input type="checkbox"/> Mechanical Prophylaxis (Single Response) (Selection Required)	
<input type="checkbox"/> Contraindications exist for mechanical prophylaxis	Routine, Once No mechanical VTE prophylaxis due to the following contraindication(s): PACU & Post-op
<input type="checkbox"/> Place/Maintain sequential compression device continuous	Routine, Continuous, PACU & Post-op
<input type="checkbox"/> HIGH Risk of DVT - Non-Surgical (Selection Required)	
High Risk Definition Both pharmacologic AND mechanical prophylaxis must be addressed. One or more of the following medical conditions: Thrombophilia (Factor V Leiden, prothrombin variant mutations, anticardiolipin antibody syndrome; antithrombin, protein C or protein S deficiency; hyperhomocysteinemia; myeloproliferative disorders) Severe fracture of hip, pelvis or leg Acute spinal cord injury with paresis Multiple major traumas Abdominal or pelvic surgery for CANCER Acute ischemic stroke History of PE	
<input type="checkbox"/> High Risk (Selection Required)	
<input type="checkbox"/> High risk of VTE	Routine, Once, PACU & Post-op
<input type="checkbox"/> High Risk Pharmacological Prophylaxis - Non-Surgical Patient (Single Response) (Selection Required)	
<input type="checkbox"/> Contraindications exist for pharmacologic prophylaxis	Routine, Once No pharmacologic VTE prophylaxis due to the following contraindication(s): PACU & Post-op
<input type="checkbox"/> enoxaparin (LOVENOX) injection (Single Response) (Selection Required)	
<input type="checkbox"/> enoxaparin (LOVENOX) syringe	40 mg, subcutaneous, daily at 1700, Starting S, Post-op
<input type="checkbox"/> patients with CrCL LESS than 30 mL/min	30 mg, subcutaneous, daily at 1700, Starting S, Post-op For Patients with CrCL LESS than 30 mL/min
<input type="checkbox"/> patients weight between 100-139 kg AND CrCl GREATER than 30 mL/min	30 mg, subcutaneous, 2 times daily, Starting S, Post-op For Patients weight between 100-139 kg and CrCl GREATER than 30 mL/min
<input type="checkbox"/> patients weight 140 kg or GREATER AND CrCl GREATER than 30 mL/min	40 mg, subcutaneous, 2 times daily, Starting S, Post-op For Patients weight 140 kg or GREATER and CrCl GREATER than 30 mL/min
<input type="checkbox"/> 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):
<input type="checkbox"/> heparin (porcine) injection	5,000 Units, subcutaneous, every 8 hours, PACU & Post-op
<input type="checkbox"/> 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.
<input type="checkbox"/> HEParin (porcine) injection - For Patients with weight GREATER than 100 kg	7,500 Units, subcutaneous, every 8 hours, Post-op For patients with weight GREATER than 100 kg.
<input type="checkbox"/> warfarin (COUMADIN) tablet	oral, daily at 1700, PACU & Post-op Indication:
<input type="checkbox"/> Pharmacy consult to manage warfarin (COUMADIN)	STAT, Until discontinued, Starting S Indication:

Mechanical Prophylaxis (Single Response) (Selection Required)

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

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

High Risk Definition

Both pharmacologic AND mechanical prophylaxis must be addressed.

One or more of the following medical conditions:

Thrombophilia (Factor V Leiden, prothrombin variant mutations, anticardiolipin antibody syndrome; antithrombin, protein C or protein S deficiency; hyperhomocysteinemia; myeloproliferative disorders)

Severe fracture of hip, pelvis or leg

Acute spinal cord injury with paresis

Multiple major traumas

Abdominal or pelvic surgery for CANCER

Acute ischemic stroke

History of PE

High Risk (Selection Required)

<input type="checkbox"/> High risk of VTE	Routine, Once, PACU & Post-op
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High Risk Pharmacological Prophylaxis - Hip or Knee (Arthroplasty) Surgical Patient (Single Response) (Selection Required)

<input type="checkbox"/> Contraindications exist for pharmacologic prophylaxis	Routine, Once No pharmacologic VTE prophylaxis due to the following contraindication(s): Post-op
<input type="checkbox"/> aspirin chewable tablet	162 mg, oral, daily, Starting S+1, Post-op
<input type="checkbox"/> aspirin (ECOTRIN) enteric coated tablet	162 mg, oral, daily, Starting S+1, Post-op
<input type="checkbox"/> Apixaban and Pharmacy Consult (Selection Required)	
<input type="checkbox"/> apixaban (ELIQUIS) tablet	2.5 mg, oral, 2 times daily, Starting S+1, Post-op Indications: VTE prophylaxis
<input type="checkbox"/> Pharmacy consult to monitor apixaban (ELIQUIS) therapy	STAT, Until discontinued, Starting S Indications: VTE prophylaxis
<input type="checkbox"/> enoxaparin (LOVENOX) injection (Single Response) (Selection Required)	
<input type="checkbox"/> enoxaparin (LOVENOX) syringe	40 mg, subcutaneous, daily at 0600, Starting S+1, Post-op
<input type="checkbox"/> enoxaparin (LOVENOX) syringe	30 mg, subcutaneous, 2 times daily at 0600, 1800 (TIME CRITICAL), Starting S+1, Post-op
<input type="checkbox"/> enoxaparin (LOVENOX) syringe - For Patients with CrCL LESS than 30 mL/min	30 mg, subcutaneous, daily at 0600, Starting S+1, Post-op For Patients with CrCL LESS than 30 mL/min.
<input type="checkbox"/> enoxaparin (LOVENOX) syringe - For Patients weight between 100-139 kg and CrCl GREATER than 30 mL/min	30 mg, subcutaneous, 2 times daily at 0600, 1800 (TIME CRITICAL), Starting S+1, Post-op For Patients weight between 100-139 kg and CrCl GREATER than 30 mL/min.
<input type="checkbox"/> enoxaparin (LOVENOX) syringe - For Patients weight between 140 kg or GREATER and CrCl GREATER than 30 mL/min	40 mg, subcutaneous, 2 times daily at 0600, 1800 (TIME CRITICAL), Starting S+1, Post-op For Patients weight 140 kg or GREATER and CrCl GREATER than 30 mL/min
<input type="checkbox"/> fondaparinux (ARIXTRA) injection	2.5 mg, subcutaneous, daily, Starting S+1, 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):
<input type="checkbox"/> heparin (porcine) injection	5,000 Units, subcutaneous, every 8 hours, S+1 at 6:00 AM, Post-op

<input type="checkbox"/> 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, Post-op Recommended for patients with high risk of bleeding, e.g. weight LESS than 50kg and age GREATER than 75yrs.
<input type="checkbox"/> HEParin (porcine) injection - For Patients with weight GREATER than 100 kg	7,500 Units, subcutaneous, every 8 hours, S+1 at 6:00 AM, Post-op For patients with weight GREATER than 100 kg.
<input type="checkbox"/> Rivaroxaban and Pharmacy Consult (Selection Required)	
<input type="checkbox"/> rivaroxaban (XARELTO) tablet for hip or knee arthroplasty planned during this admission	10 mg, oral, daily at 0600 (TIME CRITICAL), Post-op Indications: VTE prophylaxis
<input type="checkbox"/> Pharmacy consult to monitor rivaroxaban (XARELTO) therapy	STAT, Until discontinued, Starting S Indications: VTE prophylaxis
<input type="checkbox"/> warfarin (COUMADIN) tablet	oral, daily at 1700, Starting S+1, Post-op Indication:
<input type="checkbox"/> Pharmacy consult to manage warfarin (COUMADIN)	STAT, Until discontinued, Starting S Indication:
<input type="checkbox"/> Mechanical Prophylaxis (Single Response) (Selection Required)	
<input type="checkbox"/> Contraindications exist for mechanical prophylaxis	Routine, Once No mechanical VTE prophylaxis due to the following contraindication(s): PACU & Post-op
<input type="checkbox"/> Place/Maintain sequential compression device continuous	Routine, Continuous, PACU & Post-op

## Other Studies

### ECG

<input type="checkbox"/> ECG Pre/Post Op	Routine, Once Clinical Indications: Chest Pain Interpreting Physician: Post-op
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## Consults

For Physician Consult orders use sidebar

### Referral to Cardiac Rehabilitation Phase II HMSTJ ONLY (Single Response) (Selection Required)

Please unselect if patient does not meet requirements for Referral to Cardiac Rehab Phase II and select the order: "The patient will not be referred to cardiac rehab due to:" (a reason is required on this order).

<input checked="" type="checkbox"/> Referral to Cardiac Rehab Phase 2	Internal Referral, Post-op I am referring my patient to outpatient Cardiac Rehabilitation for: Initial, Phase II (36 Sessions) prescription for Cardiac Rehabilitation. Medical justification required: s/p MI (last 12 months) s/p MI (last 12 mos) Date:
<input type="checkbox"/> The patient will not be referred to cardiac rehab due to:	The patient will not be referred to cardiac rehab due to: