



Inpatient Generic Quality Screen SCIP, Strata 4 (Total Knee Replacement)

Discharges: _____

HOSPITAL NPN # _____

PATIENT ID#: _____

LEGEND:

Y = Yes The patient meets criteria for the Initial Patient Population for Acute Myocardial Infarction (AMI) and there is documentation in the record to support the patient received the care identified by the National Quality Measure

N = No The patient meets criteria for the Initial Patient Population for Acute Myocardial Infarction (AMI) and there is **NO** documentation in the record to support the patient received the care identified by the National Quality Measure

Initial Patient Population Data Elements – SCIP, Strata 4 (TKR)

- | |
|---|
| <ul style="list-style-type: none"> 18 years of age or older Length of stay less than or equal to 120 days ICD-9-CM Principal Procedure Code as defined in Appendix A, Table 5.05 |
|---|

National Quality Measures – SCIP, Strata 4 (TKR)	YES	NO	N/A
• Prophylactic antibiotic received within one hour prior to surgical incision.			
• Prophylactic antibiotic selection for surgical patients. (See Prophylactic Antibiotic Regimen Selection for Surgery)			
• Prophylactic antibiotics discontinued within 24 hours after surgery end time.			
• Surgery patients with appropriate hair removal . (No hair removal, or hair removal with clippers or depilatory. NO shaving/razors.)			
• Surgery patients on beta-blocker therapy prior to admission who received a beta-blocker during the perioperative period .			
• Surgery patients with recommended venous thromboembolism prophylaxis ordered. (See VTE Prophylaxis Options for Surgery)			
• Surgery patients who received appropriate venous thromboembolism prophylaxis within 24 hours prior to surgery to 24 hours after surgery .			



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APPENDIX A, INITIAL PATIENT POPULATION TABLE

Table 5.05 Knee Arthroplasty		
Code	ICD-9-CM Description	Shortened Description
81.54	Total knee replacement	TOTAL KNEE REPLACEMENT

PROPHYLACTIC ANTIBIOTIC REGIMAN SELECTION FOR SURGERY

Surgical Procedure	Approved Antibiotics
Knee Arthroplasty	Cafazolin or Cefuroxime—Table 3.2 Or Vancomycin**—Table 3.8 If β -lactam allergy: Vancomycin*—Table 3.8 or Clindamycin*—Table 3.9
Special Considerations	* Orthopedic surgery, if the patient is allergic to β -lactam antibiotics, Vancomycin or Clindamycin are acceptable substitutes. ** Vancomycin is acceptable with a physician/APN/PA documented justification for its use (see data element <i>Vancomycin</i>)

APPENDIX C, ANTIBIOTIC TABLES

Table 3.2 Hip/Knee Arthroplasty—Antibiotics	
Antibiotic Selection Options (includes trade & generic name)	Generic Name Crosswalk
Ancef	Cefazolin
Cefazolin	Cefazolin
Cefazolin Sodium	Cefazolin
Ceftin	Cefuroxime
Cefuroxime	Cefuroxime
Cefuroxime Axetil	Cefuroxime
Cefuroxime Sodium	Cefuroxime
Kefurox	Cefuroxime
Kefzol	Cefazolin
Zinace	Cefuroxime
Zolicef	Cefazolin



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Table 3.8 Hip/Knee Arthroplasty—Antibiotics	
Antibiotic Selection Options (includes trade & generic name)	Generic Name Crosswalk
Lyphocin	Vancomycin
Vancocin	Vancomycin
Vancocin HCL	Vancomycin
Vancoled	Vancomycin
Vancomycin	Vancomycin
Vancomycin Hydrochloride	Vancomycin

Table 3.9 Hip/Knee Arthroplasty, β-lactam allergic—Antibiotics	
Antibiotic Selection Options (includes trade & generic name)	Generic Name Crosswalk
Cleocin	Clindamycin
Cleocin HCL	Clindamycin
Cleocin Phosphate	Clindamycin
Clindamycin	Clindamycin
Clindamycin Hydrochloride	Clindamycin
Clindamycin Phosphate	Clindamycin



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VTE PROPHYLAXIS OPTIONS FOR SURGERY

Surgery Type	Recommended Prophylaxis Options*
Elective Total Knee Replacement Appendix A, Table 5.23	Any of the following: <ul style="list-style-type: none"> • Low molecular weight heparin (LMWH). • Factor Xa Inhibitor (Fondaparinux) • Warfarin • Intermittent pneumatic compression devices (IPC) • Venous foot pump (VFP)

** Patients who receive neuraxial anesthesia or have a documented contraindication to pharmacological prophylaxis may pass the performance measure if either appropriate pharmacological or mechanical prophylaxis is ordered.*

APPENDIX A TABLE 5.23, VTE PROPHYLAXIS

5.23 Elective Total Knee Replacement		
Code	ICD-9-CM Description	Shortened Description
00.80	Revision of knee replacement, total (all components)	REV KNEE REPLACEMT-TOTAL
00.81	Revision of knee replacement, tibial component	REV KNEE REPL-TIBIA COMP
00.82	Revision of knee replacement, femoral component	REV KNEE REPL-FEMUR COMP
00.83	Revision of knee replacement, patellar component	REV KNEE REPLACE PATELLA
00.84	Revision of total knee replacement, tibial insert (liner)	REV KNEE REPL-TIBIA LIN
81.54	Total knee replacement	TOTAL KNEE REPLACEMENT
81.55	Revision of knee replacement	REVISE KNEE REPLACEMENT



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APPENDIX H TABLE 2.1, VTE PROPHYLAXIS INCLUSIONS

Table 2.1 VTE Prophylaxis Inclusion Table						
Coumadin/ Warfarin	Graduated Compression Stockings (GCS)*	Factor Xa Inhibitor	Low Dose Unfractionated Heparin (LDUH)	Low Molecular Weight Heparin (LMWH)	Intermittent Pneumatic compression Device (IPC)*	Venous Foot Pump (VFP)*
	Knee or thigh high		Include only Heparin given by the subcutaneous (SQ, Subcu, SC, SubQ) route	LMWH	IPC	VFP
Synonyms/ Inclusions	Synonyms/ Inclusions	Synonyms/ Inclusions	Synonyms/ Inclusions	Synonyms/ Inclusions	Synonyms/ Inclusions	Synonyms/ Inclusions
<ul style="list-style-type: none"> • Barr Warfarin Sodium • Coumadin • Dicumarol • Jantoven • Panwarfin • Warfarin 	<ul style="list-style-type: none"> • Anti-Embolism stockings • Anti-thrombosis stockings • Elastic support hose • Graduated compression elastic stockings • Jobst stockings • Surgical hose • TED hose (TEDs) • White hose • Thormbosis stockings 	<ul style="list-style-type: none"> • Aristra • Fondaparinux sodium 	<ul style="list-style-type: none"> • Calciparine • Calcilean • HEP • Hepalean • Heparin • Heparin Calcium • Heparin Leo • Heparin Na • Heparin Sod • Heparin Sodium • Heparin Sodium Inj. • Heparin Sodium Inj. Pork • Heparin Subcu/SQ/SC/ SubQ • Liquaemin 	<ul style="list-style-type: none"> • Ardeparin • Dalteparin • Danaparoid • Enoxaparin • Fragmin • Innohep • Lovenox • Normiflo • Orgaran • Tinzaparin 	<ul style="list-style-type: none"> • AE pumps (antiembolic pumps)-calf/thigh • Alternating Leg Pressure (ALP) • Athrombic pumps-calf/thigh • DVT boots-calf/thigh • EPC cuffs/ stockings- External pneumatic compression-calf/thigh • Flotron/Flotron DVT system-thigh high • Impulse pump-thigh • Intrmittent pneumatic compression stockings • Intermittent compression device (ICD) • KCl stockings • Leg pumpers • PAS (Pulsatile anti-embolic stockings) • Plexipulse-calf/thigh • Pneumatic intermittent impulse compression device • Sequential compression device • Sequential pneumatic hose • Thromboguard • Thrombus pumps-calf/thigh • VasoPress DVT System • Venodyne boots-calf/thigh 	<ul style="list-style-type: none"> • AE pumps-foot only • A-V mpulse system • Foot pump • Kendall AV impulse (foot) • Kendall boots • Plantar venous plexus pump-foot only • Plexiboosts-foot only • Pneumoboosts-foot only • SC boots-foot only • SCD boots-foot only • Venous foot pump

*This table is not meant to be an inclusive list of all available mechanical prophylaxis; rather it represents current information available at the time of publication.

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