

2011 AAOS PQRS WORKSHEET, No. 6
Perioperative Care Measures Group

Indicate your intention to report the Perioperative Care Measures Group by submitting the measures group-specific intent G-code [**G8492: I intend to report the Perioperative Care Measures Group**] at least once during the reporting period when billing a patient claim for both the 30 Patient Sample and the 50% Patient Sample Methods. It is not necessary to submit the measures group-specific intent G-code on more than one claim. It is not necessary to submit the measures group-specific intent G-code for registry-based submissions.

Select patient sample method:

30 Patient Sample Method: 30 unique Medicare Part B FFS (fee for service) patients meeting patient sample criteria for the measures group.

OR

50% Patient Sample Method via Claims or 80% Patient Sample Method via Registry: All patients meeting patient sample criteria for the measure group during the entire reporting period (January 1 through December 31, 2011 **OR** July 1 through December 31, 2011). For the 12-month reporting period, a minimum of 15 Medicare Part B FFS patients must meet the measures group patient sample criteria to report satisfactory. For the 6-month reporting period, a minimum of 8 Medicare Part B FFS patients must meet the measures group patient sample criteria to report satisfactory.

NOTE: CPT Category I procedure codes billed by surgeons performing surgery on the same patient, submitted with modifier 62 (indicating two surgeons, i.e., dual procedures) will be included in the denominator population. Both surgeons participating in Physician Quality Reporting will be fully accountable for the clinical action described in the measure.

Report quality-data codes on **all** measures within the Perioperative Care Measures Group for each patient within the eligible professional's patient sample.

Instructions for quality-data code reporting for each of the measures within the Perioperative Care Measures Group are displayed on the next several pages. If all quality actions for the patient have been performed for all the measures within the group, the following composite G-code may be reported in lieu of the individual quality-data codes for each of the measures within the group. It is not necessary to submit the following composite G-code for registry-based submissions.

Composite G-code G8501: All quality actions for the applicable measures in the Perioperative Care Measures Group have been performed for this patient.

2011 PQRS MEASURES IN PERIOPERATIVE CARE MEASURES GROUP:

#20. Perioperative Care: Timing of Antibiotic Prophylaxis – Ordering Physician

#21. Perioperative Care: Selection of Prophylactic Antibiotic – First OR Second Generation Cephalosporin

#22. Perioperative Care: Discontinuation of Prophylactic Antibiotics (Non-Cardiac Procedures)

#23. Perioperative Care: Venous Thromboembolism (VTE) Prophylaxis (When Indicated in ALL Patients)

Note: Refer to the 2011 PQRS Measures Group Specifications Manual

(http://www.aaos.org/research/committee/evidence/pqri_addinfo.asp) for additional information.

***Measure #20: Perioperative Care: Timing of Antibiotic Prophylaxis – Ordering Physician**

[Reporting Key: C-MG-R-GP: This measure is reportable via Claims, Perioperative Measures Group, Registry, or Group Practice Reporting Option II]

DESCRIPTION: Percentage of surgical patients aged 18 years and older undergoing procedures with the indications for prophylactic parenteral antibiotics, who have an order for prophylactic parenteral antibiotic to be given within one hour (if fluoroquinolone or vancomycin, two hours), prior to the surgical incision (or start of procedure when no incision is required).

INSTRUCTIONS: This measure is to be reported each time a procedure is performed during the reporting period for patients who undergo surgical procedures with the indications for prophylactic parenteral antibiotics. There is no diagnosis associated with this measure.

NUMERATOR: Surgical patients who have an order for prophylactic parenteral antibiotic to be given within one hour (if fluoroquinolone or vancomycin, two hours) prior to the surgical incision (or start of procedure when no incision is required).

Numerator Instructions: There must be documentation of order (written order, verbal order, or standing order/protocol) specifying that prophylactic parenteral antibiotic is to be given within one hour (if fluoroquinolone or vancomycin, two hours) prior to the surgical incision (or start of procedure when no incision is required) OR documentation that prophylactic parenteral antibiotic has been given within one hour (if fluoroquinolone or vancomycin, two hours) prior to the surgical incision (or start of procedure when no incision is required).

Note: In the event surgery is delayed, as long as the patient is redosed (if clinically appropriate) the numerator coding should be applied.

Numerator Coding:

Table 1A: The antimicrobial drugs listed below are considered prophylactic parenteral antibiotics for the purposes of this measure. G8632 should be reported when antibiotics from this table were not ordered.

<ul style="list-style-type: none"> • Ampicillin/sulbactam • Aztreonam • Cefazolin • Cefmetazole • Cefotetan • Cefoxitin 	<ul style="list-style-type: none"> • Cefuroxime • Ciprofloxacin • Clindamycin • Ertapenem • Erythromycin base • Gatifloxacin 	<ul style="list-style-type: none"> • Gentamicin • Levofloxacin • Metronidazole • Moxifloxacin • Neomycin • Vancomycin
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Documentation of Order for Prophylactic Parenteral Antibiotic (written order, verbal order, or standing order/protocol)

G8629: Documentation of order for prophylactic parenteral antibiotics to be given within one hour (if fluoroquinolone or vancomycin, two hours) prior to surgical incision (or start of procedure when no incision is required).

OR

Documentation that Prophylactic Parenteral Antibiotic *has* been Given within One Hour Prior to the Surgical Incision (or start of procedure when no incision is required)

G8630: Documentation that administration of prophylactic parenteral antibiotics was initiated within one hour (if fluoroquinolone or vancomycin, two hours) prior to surgical incision (or start of procedure when no incision is required), as ordered.

OR

Order for Prophylactic Parenteral Antibiotic not Given for Documented Reasons

G8631: Clinician documented that patient was not an eligible candidate for ordering prophylactic parenteral antibiotics to be given within one hour (if fluoroquinolone or vancomycin, two hours) prior to the surgical incision (or start of procedure when no incision is required).

OR

Order for Administration of Prophylactic Parenteral Antibiotic not Given, Reason not Specified

G8632: Prophylactic parenteral antibiotics were not ordered to be given or given within one hour (if fluoroquinolone or vancomycin, two hours) prior to the surgical incision (or start of procedure when no incision is required), reason not otherwise specified.

DENOMINATOR: All surgical patients aged 18 years and older undergoing procedures with the indications for prophylactic parenteral antibiotics.

Denominator Instructions: CPT Category I procedure codes billed by surgeons performing surgery on the same patient, submitted with modifier 62 (indicating two surgeons, i.e., dual procedures) will be included in the denominator population. Both surgeons participating in the Physician Quality Reporting System will be fully accountable for the clinical action described in the measure.

Denominator Criteria (Eligible Cases):

Patients aged ≥ 18 years on date of encounter

AND

Patient encounter during the reporting period (CPT): Listed below are surgical procedures for which prophylactic parenteral antibiotics are indicated.

SURGICAL PROCEDURE	CPT CODE
Spine	22325, 22612, 22630, 22800, 22802, 22804, 63030, 63042
Hip Reconstruction	27125, 27130, 27132, 27134, 27137, 27138
Trauma (Fractures)	27235, 27236, 27244, 27245, 27269, 27758, 27759, 27766, 27769, 27792, 27814
Knee Reconstruction	27440, 27441, 27442, 27443, 27445, 27446, 27447
Neurological Surgery	22524, 22554, 22558, 22600, 22612, 22630, 35301, 61154, 61312, 61313, 61315, 61510, 61512, 61518, 61548, 61697, 61700, 61750, 61751, 61867, 62223, 62230, 63015, 63020, 63030, 63042, 63045, 63047, 63056, 63075, 63081, 63267, 63276
Foot & Ankle	27702, 27703, 27704, 28192, 28193, 28293, 28415, 28420, 28445, 28465, 28485, 28505, 28525, 28531, 28555, 28585, 28615, 28645, 28675, 28705, 28715, 28725, 28730, 28735, 28737

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***Measure #21: Perioperative Care: Selection of Prophylactic Antibiotic – First OR Second Generation Cephalosporin**

[[Reporting Key: C-MG-R-GP: This measure is reportable via Claims, Perioperative Measures Group, Registry, or Group Practice Reporting Option II]]

DESCRIPTION: Percentage of surgical patients aged 18 years and older undergoing procedures with the indications for a first OR second generation cephalosporin prophylactic antibiotic, who had an order for cefazolin OR cefuroxime for antimicrobial prophylaxis.

INSTRUCTIONS: This measure is to be reported each time a procedure is performed during the reporting period for patients who undergo surgical procedures with the indications for a first or second generation cephalosporin prophylactic antibiotic. There is no diagnosis associated with this measure.

NUMERATOR: Surgical patients who had an order for cefazolin OR cefuroxime for antimicrobial prophylaxis.

Numerator Instructions: There must be documentation of order (written order, verbal order, or standing order/protocol) for cefazolin or cefuroxime for antimicrobial prophylaxis OR documentation that cefazolin or cefuroxime was *given*.

Note: *In the event surgery is delayed, as long as the patient is redosed (if clinically appropriate) the numerator coding should be applied.*

Numerator Coding:

Acceptable First and Second Generation Cephalosporin Prophylactic Antibiotics

First generation cephalosporin: cefazolin

Second generation cephalosporin: cefuroxime

Documentation of order for cefazolin OR cefuroxime for antimicrobial prophylaxis (written order, verbal order, or standing order/protocol)

CPT II 4041F: Documentation of order for cefazolin OR cefuroxime for antimicrobial prophylaxis *Note: CPT Category II code 4041F is provided for antibiotic ordered or antibiotic given. Report CPT Category II code 4041F if cefazolin OR cefuroxime was given for antimicrobial prophylaxis.*

OR

Order for First or Second Generation Cephalosporin not Ordered for Medical Reasons Append a modifier (1P) to CPT Category II code 4041F to report documented circumstances that appropriately exclude patients from the denominator.

4041F with 1P: Documentation of medical reason(s) for not ordering cefazolin OR cefuroxime for antimicrobial prophylaxis

OR

Order for First or Second Generation Cephalosporin not Ordered, Reason Not Specified Append a reporting modifier (8P) to CPT Category II code 4041F to report circumstances when the action described in the numerator is not performed and the reason is not otherwise specified.

4041F with 8P: Order for cefazolin OR cefuroxime for antimicrobial prophylaxis was not documented, reason not otherwise specified

DENOMINATOR: All surgical patients aged 18 years and older undergoing procedures with the indications for a first or second generation cephalosporin prophylactic antibiotic.

Denominator Instructions: CPT Category I procedure codes billed by surgeons performing surgery on the same patient, submitted with modifier 62 (indicating two surgeons, i.e., dual procedures) will be included in the denominator population. Both surgeons participating in the Physician Quality Reporting System will be fully accountable for the clinical action described in the measure.

Denominator Criteria (Eligible Cases):

Patients aged ≥ 18 years on date of encounter

AND

Patient encounter during the reporting period (CPT): Listed below are surgical procedures with indications for first or second generation cephalosporin prophylactic antibiotic.

SURGICAL PROCEDURE	CPT CODE
Spine	22325, 22612, 22630, 22800, 22802, 22804, 63030, 63042
Hip Reconstruction	27125, 27130, 27132, 27134, 27137, 27138
Trauma (Fractures)	27235, 27236, 27244, 27245, 27269, 27758, 27759, 27766, 27769, 27792, 27814
Knee Reconstruction	27440, 27441, 27442, 27443, 27445, 27446, 27447
Neurological Surgery	22524, 22554, 22558, 22600, 22612, 22630, 35301, 61154, 61312, 61313, 61315, 61510, 61512, 61518, 61548, 61697, 61700, 61750, 61751, 61867, 62223, 62230, 63015, 63020, 63030, 63042, 63045, 63047, 63056, 63075, 63081, 63267, 63276
Foot & Ankle	27702, 27703, 27704, 28192, 28193, 28293, 28415, 28420, 28445, 28465, 28485, 28505, 28525, 28531, 28555, 28585, 28615, 28645, 28675, 28705, 28715, 28725, 28730, 28735, 28737

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***Measure #22: Perioperative Care: Discontinuation of Prophylactic Antibiotics (Non-Cardiac Procedures)**

[Reporting Key: C-MG-R-GP: This measure is reportable via Claims, Perioperative Measures Group, Registry, or Group Practice Reporting Option II]

DESCRIPTION: Percentage of non-cardiac surgical patients aged 18 years and older undergoing procedures with the indications for prophylactic parenteral antibiotics AND who received a prophylactic parenteral antibiotic, who have an order for discontinuation of prophylactic parenteral antibiotics within 24 hours of surgical end time

INSTRUCTIONS: This measure is to be reported each time a procedure is performed during the reporting period for patients who undergo non-cardiac surgical procedures with the indications for prophylactic parenteral antibiotics. There is no diagnosis associated with this measure.

NUMERATOR: Non-cardiac surgical patients who have an order for discontinuation of prophylactic parenteral antibiotics within 24 hours of surgical end time.

Numerator Instructions: There must be documentation of order (written order, verbal order, or standing order/protocol) specifying that prophylactic parenteral antibiotic is to be discontinued within 24 hours of surgical end time OR specifying a course of antibiotic administration limited to that 24-hour period (e.g., “to be given every 8 hours for three doses” or for “one time” IV dose orders) OR documentation that prophylactic parenteral antibiotic was discontinued within 24 hours of surgical end time. **NUMERATOR NOTE:** The correct combination of numerator code(s) must be reported on the claim form in order to properly report this measure. The “correct combination” of codes may require the submission of multiple numerator codes.

Numerator Coding:

Documentation of Order for Discontinuation of Prophylactic Parenteral Antibiotics (written order, verbal order, or standing order/protocol) within 24 Hours of Surgical End Time
(Two CPT II codes [4049F & 4046F] are required on the claim form to submit this numerator option)

CPT II 4049F: Documentation that order was given to discontinue prophylactic antibiotics within 24 hours of surgical end time, non-cardiac procedure

Note: CPT Category II code **4049F** is provided for documentation that antibiotic discontinuation was ordered or that antibiotic discontinuation was accomplished. Report CPT Category II code **4049F** if antibiotics were discontinued within 24 hours.

AND

CPT II 4046F: Documentation that prophylactic antibiotics were given within 4 hours prior to surgical incision or given intraoperatively.

OR

Prophylactic Parenteral Antibiotics not Discontinued for Medical Reasons

(Two CPT II codes [4049F-1P & 4046F] are required on the claim form to submit this numerator option). Append a modifier (1P) to CPT Category II code **4049F** to report documented circumstances that appropriately exclude patients from the denominator.

• **4049F with 1P:** Documentation of medical reason(s) for not discontinuing prophylactic antibiotics within 24 hours of surgical end time.

AND

CPT II 4046F: Documentation that prophylactic antibiotics were given within 4 hours prior to surgical incision or given intraoperatively.

OR

If patient is not eligible for this measure because patient did not receive prophylactic parenteral antibiotics within specified timeframe, report:

(One CPT II code [4042F] is required on the claim form to submit this numerator option)

CPT II 4042F: Documentation that prophylactic antibiotics were neither given within 4 hours prior to surgical incision nor given intraoperatively.

OR

Prophylactic Parenteral Antibiotics not Discontinued, Reason Not Specified (Two CPT II codes [4049F-8P & 4046F] are required on the claim form to submit this numerator option). Append a reporting modifier (8P) to CPT Category II code **4049F** to report circumstances when the action described in the numerator is not performed and the reason is not otherwise specified.

4049F with 8P: Order was not given to discontinue prophylactic antibiotics within 24 hours of surgical end time, non-cardiac procedure, reason not otherwise specified.

AND

CPT II 4046F: Documentation that prophylactic antibiotics were given within 4 hours prior to surgical incision or given intraoperatively.

DENOMINATOR: All non-cardiac surgical patients aged 18 years and older undergoing procedures with the indications for prophylactic parenteral antibiotics AND who received a prophylactic parenteral antibiotic.

Denominator Instructions: CPT Category I procedure codes billed by surgeons performing surgery on the same patient, submitted with modifier 62 (indicating two surgeons, i.e., dual procedures) will be included in the denominator population. Both surgeons participating in the Physician Quality Reporting System will be fully accountable for the clinical action described in the measure. For the purpose of this measure of antibiotic discontinuation, patients may be counted as having “received a prophylactic parenteral antibiotic” if the antibiotic was received within 4 hours prior to the surgical incision (or start of procedure when no incision is required) or intraoperatively.

Denominator Criteria (Eligible Cases):

Patients aged ≥ 18 years on date of encounter.

AND

Patient encounter during the reporting period (CPT): Listed below are non-cardiac surgical procedures for which prophylactic parenteral antibiotics are indicated.

SURGICAL PROCEDURE	CPT CODE
Spine	22325, 22612, 22630, 22800, 22802, 22804, 63030, 63042
Hip Reconstruction	27125, 27130, 27132, 27134, 27137, 27138
Trauma (Fractures)	27235, 27236, 27244, 27245, 27758, 27759, 27766, 27792, 27814
Knee Reconstruction	27440, 27441, 27442, 27443, 27445, 27446, 27447
Neurological Surgery	22524, 22554, 22558, 22600, 22612, 22630, 35301, 61154, 61312, 61313, 61315, 61510, 61512, 61518, 61548, 61697, 61700, 61750, 61751, 61867, 62223, 62230, 63015, 63020, 63030, 63042, 63045, 63047, 63056, 63075, 63081, 63267, 63276
Foot & Ankle	27702, 27703, 27704, 28192, 28193, 28293, 28415, 28420, 28445, 28465, 28485, 28505, 28525, 28531, 28555, 28585, 28615, 28645, 28675, 28705, 28715, 28725, 28730, 28735, 28737

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***Measure #23: Perioperative Care: Venous Thromboembolism (VTE) Prophylaxis (When Indicated in ALL Patients)**

[Reporting Key: C-MG-R-GP: This measure is reportable via Claims, Perioperative Measures Group, Registry, or Group Practice Reporting Option II]

DESCRIPTION: Percentage of patients aged 18 years and older undergoing procedures for which VTE prophylaxis is indicated in all patients, who had an order for Low Molecular Weight Heparin (LMWH), Low-Dose Unfractionated Heparin (LDUH), adjusted-dose warfarin, fondaparinux or mechanical prophylaxis to be given within 24 hours prior to incision time or within 24 hours after surgery end time

INSTRUCTIONS: This measure is to be reported each time a procedure is performed during the reporting period for all patients who undergo surgical procedures for which VTE prophylaxis is indicated. There is no diagnosis associated with this measure.

NUMERATOR: Surgical patients who had an order for LMWH, LDUH, adjusted-dose warfarin, fondaparinux or mechanical prophylaxis to be given within 24 hours prior to incision time or within 24 hours after surgery end time
Numerator Instructions: There must be documentation of order (written order, verbal order, or standing order/protocol) for VTE prophylaxis OR documentation that VTE prophylaxis was given.
Definition: Mechanical Prophylaxis – Does not include TED hose.

Numerator Coding:

Appropriate VTE Prophylaxis Ordered

CPT II 4044F: Documentation that an order was given for venous thromboembolism (VTE) prophylaxis to be given within 24 hours prior to incision time or 24 hours after surgery end time *Note: A single CPT Category II code is provided for VTE prophylaxis is ordered or VTE prophylaxis is given. If VTE prophylaxis is given, report 4044F.*
OR

VTE Prophylaxis not Ordered for Medical Reasons

Append a modifier (**1P**) to CPT Category II code **4044F** above to report documented circumstances that appropriately exclude patients from the denominator.

• **4044F with 1P:** Documentation of medical reason(s) for patient not receiving any form of VTE prophylaxis (LMWH, LDUH, adjusted-dose warfarin, fondaparinux or mechanical prophylaxis) within 24 hours prior to incision time or 24 hours after surgery end time.

OR

VTE Prophylaxis not Ordered, Reason Not Specified

Append a reporting modifier (**8P**) to CPT Category II code **4044F** to report circumstances when the action described in the numerator is not performed and the reason is not otherwise specified.

• **4044F with 8P::** Order was not given for venous thromboembolism (VTE) prophylaxis to be given within 24 hours prior to incision time or 24 hours after surgery end time, reason not otherwise specified.

DENOMINATOR: All surgical patients aged 18 years and older undergoing procedures for which VTE prophylaxis is indicated in all patients.

Denominator Instructions: CPT Category I procedure codes billed by surgeons performing surgery on the same patient, submitted with modifier 62 (indicating two surgeons, i.e., dual procedures) will be included in the denominator population. Both surgeons participating in the Physician Quality Reporting System will be fully accountable for the clinical action described in the measure.

Denominator Criteria (Eligible Cases):

Patients aged \geq 18 years on date of encounter

AND

Patient encounter during the reporting period (CPT): Listed below are surgical procedures for which VTE prophylaxis is indicated.

SURGICAL PROCEDURE	CPT CODE
Spine	22558, 22600, 22612, 22630, 63015, 63020, 63047, 63056, 63081, 63267, 63276
Neurological Surgery	22558, 22600, 22612, 22630, 61313, 61510, 61512, 61518, 61548, 61697, 61700, 62230, 63015, 63020, 63047, 63056, 63081, 63267, 63276
Hip Reconstruction	27125, 27130, 27132, 27134, 27137, 27138
Knee Reconstruction	27440, 27441, 27442, 27443, 27445, 27446, 27447
Hip Fracture Surgery	27235, 27236, 27244, 27245, 27269

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