

## Timing of Antibiotic Prophylaxis — Ordering Physician

*This measure is to be reported **each time** a surgical procedure with the indications for prophylactic antibiotics<sup>1</sup> is performed during the reporting period.*

### Measure 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 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)

### What will you need to report for each patient undergoing a surgical procedure for this measure?

If you select this measure for reporting, you will report:

- Whether or not there is an order<sup>2</sup> for prophylactic antibiotic (written order, verbal order, or standing order/protocol)

OR

- Whether or not 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)

The antimicrobial drugs listed below are considered prophylactic antibiotics for the purposes of this measure.

- |                        |                     |
|------------------------|---------------------|
| ■ Ampicillin/sulbactam | ■ Ertapenem         |
| ■ Aztreonam            | ■ Erythromycin base |
| ■ Cefazolin            | ■ Gatifloxacin      |
| ■ Cefmetazole          | ■ Gentamicin        |
| ■ Cefotetan            | ■ Levofloxacin      |
| ■ Cefoxitin            | ■ Metronidazole     |
| ■ Cefuroxime           | ■ Moxifloxacin      |
| ■ Ciprofloxacin        | ■ Neomycin          |
| ■ Clindamycin          | ■ Vancomycin        |

### What if this process or outcome of care is not appropriate for your patient?

There may be times when it is not appropriate that prophylactic antibiotic 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), due to:

- Medical reasons (eg, not indicated, contraindicated, other medical reason)

In these cases, you will need to indicate that the medical reason applies, and specify the reason on the worksheet and in the medical chart. The office/billing staff will then report a code with a modifier that represents these valid reasons (also called exclusions).

<sup>1</sup>Refer to coding specifications document for list of applicable procedures and codes.

<sup>2</sup>There must be documentation of order (written order, verbal order, or standing order/protocol) specifying that 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 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). In the event surgery is delayed, as long as the patient is redosed (if clinically appropriate) the numerator coding should be applied.

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### PQRI Data Collection Sheet

Patient's Name	Practice Medical Record Number (MRN)	Birth Date (mm/dd/yyyy)	Gender <input type="checkbox"/> Male <input type="checkbox"/> Female
National Provider Identifier (NPI)		Date of Service	

#### Clinical Information

#### Billing Information

Step 1 Is patient eligible for this measure?			
	Yes	No	Code Required on Claim Form
Patient is aged 18 years and older.	<input type="checkbox"/>	<input type="checkbox"/>	Verify date of birth on claim form.
There is a CPT Procedure Code for a surgical procedure with the indications for prophylactic antibiotics.	<input type="checkbox"/>	<input type="checkbox"/>	Refer to coding specifications document for list of applicable codes.
If <b>No</b> is checked for any of the above, STOP. Do not report a CPT category II code.			
Step 2 Does patient meet or have an acceptable reason for not meeting the measure?			
Prophylactic Antibiotic Within Timeframe <sup>1</sup>	Yes	No	Code to be Reported on Line 24D of Paper Claim Form, if Yes (or Service Line 24 of Electronic Claim Form)
Ordered <sup>2</sup>	<input type="checkbox"/>	<input type="checkbox"/>	4047F
Given <sup>3</sup>	<input type="checkbox"/>	<input type="checkbox"/>	4048F
Not ordered or given for the following reason: • Medical (eg, not indicated, contraindicated, other medical reason)	<input type="checkbox"/>	<input type="checkbox"/>	4047F-1P
Document reason here and in medical chart. _____ _____			If <b>No</b> is checked for <b>all</b> of the above, report 4047F-8P (Antibiotics were neither ordered nor 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.)

<sup>1</sup>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). Refer to measure description sheet for list of medications.

<sup>2</sup>Written, verbal, or standing order/protocol in chart specifying approved prophylactic antibiotic 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)

<sup>3</sup>Documentation specifying administration of approved prophylactic antibiotic within one hour (if fluoroquinolone or vancomycin, two hours) prior to surgical incision (or start of procedure when no incision is required). In the event surgery is delayed, as long as the patient is redosed (if clinically appropriate) the numerator coding should be applied.

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### Coding Specifications

Codes required to document a surgical procedure for which prophylactic antibiotics are indicated occurred:

A CPT procedure code is required to identify patients to be included in this measure.

#### CPT procedure codes

- 15734, 15738, 19260, 19271, 19272, 19301, 19302, 19303, 19304, 19305, 19306, 19307, 19361, 19364, 19366, 19367, 19368, 19369 (integumentary)
- 21346, 21347, 21348, 21422, 21423, 21432, 21433, 21435, 21436 (Le Fort fractures)
- 21454, 21461, 21462, 21465, 21470 (mandibular fracture)
- 22325, 22612, 22630, 22800, 22802, 22804, 63030, 63042 (spine)
- 27125, 27130, 27132, 27134, 27137, 27138 (hip reconstruction)
- 27235, 27236, 27244, 27245, 27269, 27758, 27759, 27766, 27769, 27792, 27814 (trauma [fractures])
- 27440, 27441, 27442, 27443, 27445, 27446, 27447 (knee reconstruction)
- 31360, 31365, 31367, 31368, 31370, 31375, 31380, 31382, 31390, 31395 (laryngectomy)
- 33877, 33880, 33881, 33883, 33886, 33891, 34800, 34802, 34803, 34804, 34805, 34825, 34830, 34831, 34832, 34900, 35081, 35091, 35102, 35131, 35141, 35151, 35601, 35606, 35612, 35616, 35621, 35623, 35626, 35631, 35636, 35637, 35638, 35642, 35645, 35646, 35647, 35650, 35651, 35654, 35656, 35661, 35663, 35665, 35666, 35671, 36830 (vascular)
- 38115 (spleen and lymph nodes)
- 41130, 41135, 41140, 41145, 41150, 41153, 41155 (glossectomy)
- 43045, 43100, 43101, 43107, 43108, 43112, 43113, 43116, 43117, 43118, 43121, 43122, 43123, 43124, 43130, 43135, 43300, 43305, 43310, 43312, 43313, 43320, 43324, 43325, 43326, 43330, 43331, 43340, 43341, 43350, 43351, 43352, 43360, 43361, 43400, 43401, 43405, 43410, 43415, 43420, 43425, 43496 (esophagus)
- 43500, 43501, 43502, 43510, 43520, 43600, 43605, 43610, 43611, 43620, 43621, 43622, 43631, 43632, 43633, 43634, 43640, 43641, 43653, 43800, 43810, 43820, 43825, 43830, 43831, 43832, 43840, 43843, 43845, 43846, 43847, 43848, 43850, 43855, 43860, 43865, 43870 (stomach)
- 44005, 44010, 44020, 44021, 44050, 44055, 44100, 44120, 44125, 44126, 44127, 44130, 44132, 44133, 44135, 44136 (small intestine)
- 43880, 44025, 44110, 44111, 44140, 44141, 44143, 44144, 44145, 44146, 44147, 44150, 44151, 44155, 44156, 44157, 44158, 44160, 44202, 44204, 44205, 44206, 44207, 44208, 44210, 44211, 44212, 44300, 44310, 44312, 44314, 44316, 44320, 44322, 44340, 44345, 44346, 44602, 44603, 44604, 44605, 44615, 44620, 44625, 44626, 44640, 44650, 44660, 44661, 44700, 44950, 51597 (colon and rectum)
- 45108, 45110, 45111, 45112, 45113, 45114, 45116, 45119, 45120, 45121, 45123, 45126, 45130, 45135, 45136, 45150, 45160, 45170, 45190, 45500, 45505, 45520, 45540, 45541, 45550, 45560, 45562, 45563, 45800, 45805, 45820, 45825 (anus and rectum)
- 47133, 47135, 47136, 47140, 47141, 47142 (hepatic surgery)
- 47420, 47425, 47460, 47480, 47560, 47561, 47570, 47600, 47605, 47610, 47612, 47620, 47700, 47701, 47711, 47712, 47715, 47720, 47721, 47740, 47741, 47760, 47765, 47780, 47785, 47800, 47802, 47900 (biliary surgery)
- 48020, 48100, 48120, 48140, 48145, 48146, 48148, 48150, 48152, 48153, 48154, 48155, 48500, 48510, 48511, 48520, 48540, 48545, 48547, 48548, 48550, 48554, 48556 (pancreas)
- 49215, 49568 (abdomen, peritoneum, & omentum)
- 50300, 50320, 50340, 50360, 50365, 50370, 50380 (renal transplant)
- 58150, 58152, 58180, 58200, 58210, 58260, 58262, 58263, 58267, 58270, 58275, 58280, 58285, 58290, 58291, 58292, 58293, 58294 (gynecologic surgery)
- 61520, 61526, 61530, 61591, 61595, 61596, 61598, 61606, 61616, 61618, 61619, 69720, 69955, 69960, 69970 (acoustic neuroma)
- 69930 (cochlear implants)
- 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 (neurological surgery)
- 33120, 33130, 33140, 33141, 33202, 33250, 33251, 33256, 33261, 33305, 33315, 33321, 33322, 33332, 33335, 33400, 33401, 33403, 33404, 33405, 33406, 33410, 33411, 33413, 33416, 33422, 33425, 33426, 33427, 33430, 33460, 33463, 33464, 33465, 33475, 33496, 33510, 33511, 33512, 33513, 33514, 33516, 33517, 33518, 33519, 33521, 33522, 33523, 33530, 33533, 33534, 33535, 33536, 33542, 33545, 33548, 33572, 35211, 35241, 35271 (cardiothoracic surgery)
- 33203, 33206, 33207, 33208, 33212, 33213, 33214, 33215, 33216, 33217, 33218, 33220, 33222, 33223, 33224, 33225, 33226, 33233, 33234, 33235, 33236, 33237, 33238, 33240, 33241, 33243, 33244, 33249, 33254, 33255 (cardiothoracic [pacemaker])

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- 51550, 51555, 51565, 51570, 51575, 51580, 51585, 51590, 51595, 51596, 51920, 51925, 52450, 52601, 52612, 52614, 52620, 52630, 52647, 52648, 52649, 54401, 54405, 54406, 54408, 54410, 54415, 54416, 55801, 55810, 55812, 55815, 55821, 55831, 55840, 55842, 55845 (genitourinary surgery)
- 19272, 21627, 21632, 21740, 21750, 21805, 21825, 31760, 31766, 31770, 31775, 31786, 31805, 32095, 32100, 32110, 32120, 32124, 32140, 32141, 32150, 32215, 32220, 32225, 32310, 32320, 32402, 32440, 32442, 32445, 32480, 32482, 32484, 32486, 32488, 32491, 32500, 32501, 32800, 32810, 32815, 32900, 32905, 32906, 32940, 33020, 33025, 33030, 33031, 33050, 33300, 33310, 33320, 34051, 35021, 35216, 35246, 35276, 35311, 35481, 35526, 37616, 38381, 38746, 38747, 39000, 39010, 39200, 39220, 39545, 39561, 60521, 60522, 64746 (general thoracic surgery)
- 27702, 27703, 27704, 27870, 28192, 28193, 28293, 28296, 28299, 28300, 28306, 28307, 28308, 28309, 28310, 28320, 28322, 28415, 28420, 28445, 28465, 28485, 28505, 28525, 28531, 28555, 28585, 28615, 28645, 28675, 28705, 28715, 28725, 28730, 28735, 28737, 28740, 28750, 28755, 28760 (foot and ankle)

Quality codes for this measure (one of the following for every eligible patient):

### CPT II Code descriptors

(Data collection sheet should be used to determine appropriate combination of codes.)

- **CPT II 4047F:** Documentation of order for prophylactic 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)
- **CPT II 4048F:** Documentation that prophylactic antibiotic was given within one hour (if fluoroquinolone or vancomycin, two hours) prior to surgical incision (or start of procedure when no incision is required)
- **CPT II 4047F-1P:** Documentation of medical reason(s) for not ordering 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)
- **CPT II 4047F-8P:** Antibiotics were neither ordered nor 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

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PQRI 2008 Measure 20, Effective Date 01/01/2008

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