

Quality ID #432: Proportion of Patients Sustaining a Bladder or Bowel Injury at the time of any Pelvic Organ Prolapse Repair

2025 COLLECTION TYPE:

MIPS CLINICAL QUALITY MEASURES (CQMS)

MEASURE TYPE:

Outcome – High Priority

DESCRIPTION:

Percentage of patients undergoing surgical repair of pelvic organ prolapse that is complicated by a bladder or bowel injury at the time of index surgery that is recognized intraoperatively or within 30 days after surgery.

INSTRUCTIONS:

This measure is to be submitted each time an anterior, posterior, or apical prolapse repair surgery is performed from **December 1st** of the previous performance period through **November 30th** of the current performance period. There is no diagnosis associated with this measure. This measure may be submitted by Merit-based Incentive Payment System (MIPS) eligible clinicians who perform the quality actions described in the measure based on the services provided and the measure-specific denominator coding.

This measure will be calculated with 2 performance rates:

- 1) Percentage of patients undergoing prolapse repair who sustain a bladder injury that necessitates repair either intraoperatively or within 30 days after surgery .
- 2) Percentage of patients undergoing prolapse repair who sustain a bowel injury that necessitates repair either intraoperatively or within 30 days after surgery.

Submission of the two performance rates is required for this measure. A simple average, which is the sum of the performance rates divided by the number of the performance rates will be used to calculate performance.

Measure Submission Type:

Measure data may be submitted by individual MIPS eligible clinicians, groups, or third-party intermediaries. The listed denominator criteria are used to identify the intended patient population. The numerator options included in this specification are used to submit the quality actions as allowed by the measure. The quality data codes listed do not need to be submitted by MIPS eligible clinicians, groups, or third-party intermediaries that utilize this modality for submissions; however, these codes may be submitted for those third-party intermediaries that utilize Medicare Part B claims data. For more information regarding Application Programming Interface (API), please refer to the Quality Payment Program (QPP) website.

THERE ARE TWO SUBMISSION CRITERIA FOR THIS MEASURE:

- 1) All patients undergoing anterior or apical pelvic organ prolapse (POP) surgery who sustain a bladder injury.
- 2) All patients undergoing anterior, posterior, or apical pelvic organ prolapse (POP) surgery who sustain a bowel injury.

This measure contains two submission criteria which together ensure that the proper evaluation and treatment is provided for patients who undergo pelvic organ prolapse repair. Submission Criteria 1 evaluates whether patients sustained a bladder injury intraoperatively or within 30 days after surgery. Submission Criteria 2 evaluates whether patients sustained a bowel injury intraoperatively or within 30 days after surgery. Patients who undergo a procedure that meets the denominator of both submission criteria should be included in both and assessed for each clinical outcome.

DENOMINATOR (SUBMISSION CRITERIA 1):

All patients undergoing anterior or apical pelvic organ prolapse (POP) surgery.

Definitions:

Denominator identification period – the twelve month period in which eligible patients have a procedure, which December 1st of the previous performance period through November 30th of the current performance period.

Denominator Criteria (Eligible Cases)

All patients, regardless of age

AND

Patient procedure during the denominator identification period (CPT): 57106, 57110, 57120, 57240, 57260, 57265, 57268, 57270, 57280, 57282, 57283, 57284, 57285, 57423, 57425, 57556, 58263, 58270, 58280, 58292, 58294, 58400

WITHOUT

Telehealth Modifier (including but not limited to): GQ, GT, POS 02, POS 10

NUMERATOR (SUBMISSION CRITERIA 1):

Percentage of patients undergoing prolapse repair who sustain a bladder injury that necessitates repair either intraoperatively or within 30 days after surgery.

Numerator Instructions:

INVERSE MEASURE – A lower calculated performance rate for this measure indicates better clinical care or control. The “Performance Not Met” numerator option for this measure is the representation of the better clinical quality or control. Submitting that numerator option will produce a performance rate that trends closer to 0%, as quality increases. For inverse measures, a rate of 100% means all of the denominator eligible patients did not receive the appropriate care or were not in proper control.

NUMERATOR NOTE: *In order to meet the measure, bladder injury is sustained as a result of the prolapse surgery.*

Numerator Options:

Performance Met:

Patient sustained bladder injury at the time of surgery or discovered subsequently up to 30 days post-surgery (G9625)

OR

Denominator Exception:

Documented medical reasons for not reporting bladder injury (e.g. gynecologic or other pelvic malignancy documented, concurrent surgery involving bladder pathology, injury that occurs during a urinary incontinence procedure, patient death from non-medical causes not related to surgery, patient died during procedure without evidence of bladder injury) (G9626)

OR

Performance Not Met:

Patient did not sustain bladder injury at the time of surgery nor discovered subsequently up to 30 days post-surgery (G9627)

DENOMINATOR (SUBMISSION CRITERIA 2):

All patients undergoing anterior, posterior, or apical pelvic organ prolapse (POP) surgery.

Definitions:

Denominator identification period – the twelve month period in which eligible patients have a procedure, which December 1st of the previous performance period through November 30th of the current performance period.

Denominator Criteria (Eligible Cases):

All patients, regardless of age

AND

Patient procedure during the denominator identification period (CPT): 45560, 57106, 57110, 57120, 57200, 57210, 57240, 57250, 57260, 57265, 57268, 57270, 57280, 57282, 57283, 57284, 57285, 57289, 57423, 57425, 57545, 57555, 57556, 58263, 58270, 58280, 58292, 58294, 58400, 58410

WITHOUT

Telehealth Modifier (including but not limited to): GQ, GT, POS 02, POS 10

NUMERATOR (SUBMISSION CRITERIA 2):

Percentage of patients undergoing prolapse repair who sustain a bowel injury that necessitates repair either intraoperatively or within 30 days after surgery.

Numerator Instructions:

INVERSE MEASURE – A lower calculated performance rate for this measure indicates better clinical care or control. The “Performance Not Met” numerator option for this measure is the representation of the better clinical quality or control. Submitting that numerator option will produce a performance rate that trends closer to 0%, as quality increases. For inverse measures, a rate of 100% means all of the denominator eligible patients did not receive the appropriate care or were not in proper control.

NUMERATOR NOTE: *In order to meet the measure, bowel injury is sustained as a result of the prolapse surgery.*

Numerator Options:

<i>Performance Met:</i>	Patient sustained bowel injury at the time of surgery or discovered subsequently up to 30 days post-surgery (G9628)
<u>OR</u>	
<i>Denominator Exception:</i>	Documented medical reasons for not reporting bowel injury (e.g. gynecologic or other pelvic malignancy documented, planned (e.g. not due to an unexpected bowel injury) resection and/or re-anastomosis of bowel, or patient death from non-medical causes not related to surgery, patient died during procedure without evidence of bowel injury) (G9629)
<u>OR</u>	
<i>Performance Not Met:</i>	Patient did not sustain a bowel injury at the time of surgery nor discovered subsequently up to 30 days post-surgery (G9630)

RATIONALE:

There are numerous approaches to surgical correction of pelvic organ prolapse- vaginal, open, laparoscopic and robotic. The incidence of visceral injury ranges from 0.1-4% (SGS Systemic Review Obstet Gynecol 2008: 112: 1131- 1142), depending on the approach, with high potential for morbidity. Unrecognized injury to the intestine increases the risk of mortality from 2 to 23% (Chapron et al. J Am Coll Surg. 1991;185:461-465, Baggish, MSJ Gynecol Surg. 2003;19:63-73). It is critically important for surgeons who are performing these procedures to recognize and repair any visceral injuries intraoperatively, in order to minimize postoperative morbidity, including the need for subsequent surgical intervention to address these complications. Surgeons benefit from interventions to improve the quality of their surgical care if they have a higher than expected rate of visceral injury during pelvic organ prolapse repair. Bladder injury is a common and potentially debilitating complication of pelvic surgery but more common in surgery for pelvic organ prolapse. Surgeons may benefit from interventions to improve the quality of their surgical care if they have a higher than expected rate of bladder injury during pelvic organ prolapse repair.

CLINICAL RECOMMENDATION STATEMENTS:

There are numerous approaches to surgical correction of pelvic organ prolapse- vaginal, open, laparoscopic and robotic. The incidence of visceral injury ranges from 0.1-4% (SGS Systemic Review Obstet Gynecol 2008: 112:

1131- 1142) depending on the approach with high potential for morbidity. Unrecognized injury to the intestine increases the risk of mortality from 2 to 23 % (Chapron et al. J Am Coll Surg. 1991;185:461-465, Baggish, MS J Gynecol Surg. 2003;19:63-73).

1. SGS Systemic Review Obstet Gynecol 2008; 112: 1131- 1142
2. Chapron et al. J Am Coll Surg. 1991;185:461-465,
3. Baggish, MS J Gynecol Surg. 2003;19:63-73
4. Husch, T et al Int J Surg 2016; 33 Pt A:36-41

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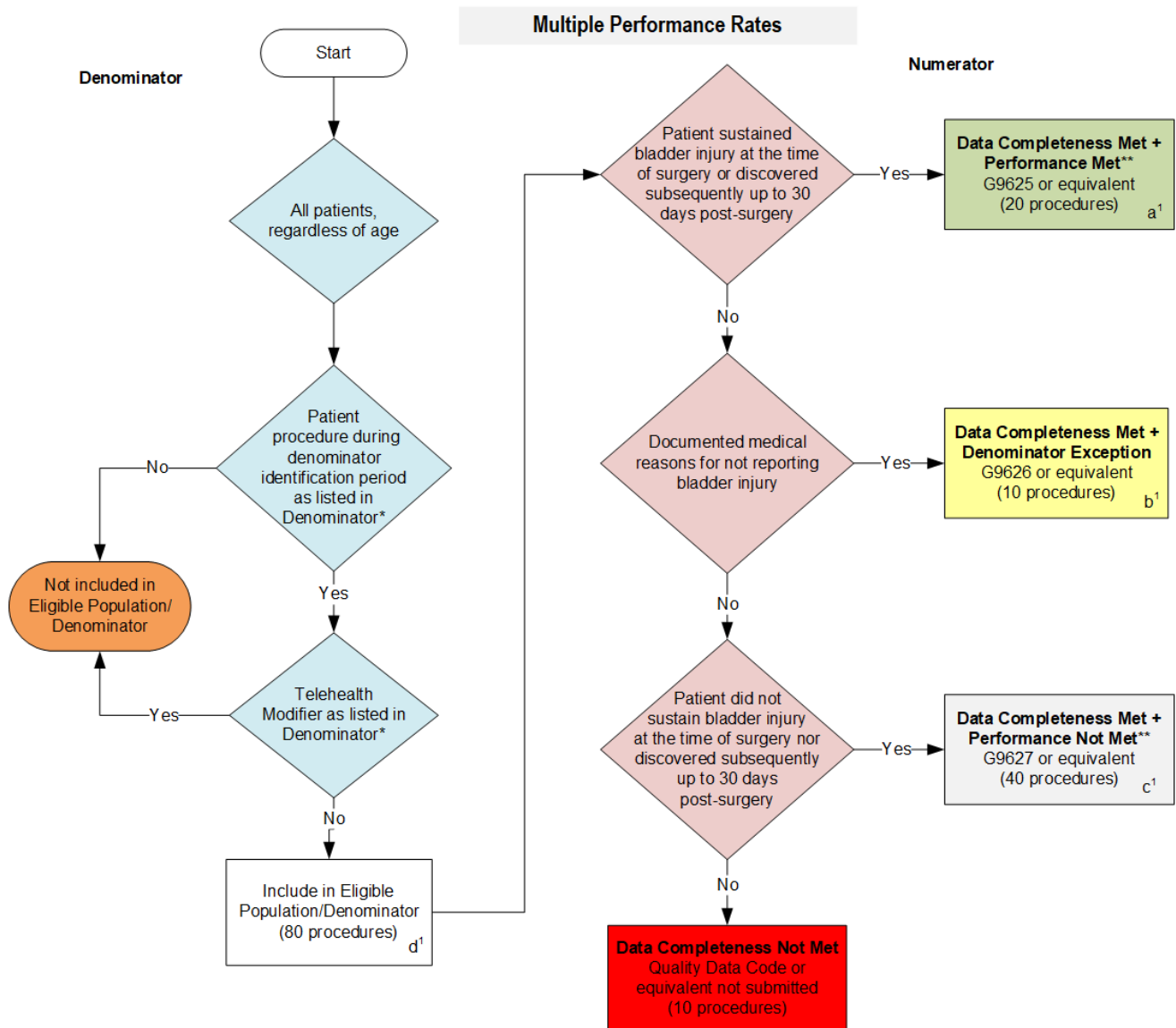
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**2025 Clinical Quality Measure Flow for Quality ID #432:
Proportion of Patients Sustaining a Bladder or Bowel Injury at the time of any Pelvic Organ
Prolapse Repair
Submission Criteria One**

Disclaimer: Refer to the measure specification for specific coding and instructions to submit this measure.



SAMPLE CALCULATIONS: SUBMISSION CRITERIA ONE

Data Completeness=

$$\frac{\text{Performance Met (a¹=20 procedures)} + \text{Denominator Exception (b¹=10 procedures)} + \text{Performance Not Met (c¹=40 procedures)}}{\text{Eligible Population / Denominator (d¹=80 procedures)}} = \frac{70 \text{ procedures}}{80 \text{ procedures}} = 87.50\%$$

Performance Rate=**

$$\frac{\text{Performance Met (a¹=20 procedures)}}{\text{Data Completeness Numerator (70 procedures) – Denominator Exception (b¹=10 procedures)}} = \frac{20 \text{ procedures}}{60 \text{ procedures}} = 33.33\%$$

*See the posted measure specification for specific coding and instructions to submit this measure.

**A lower calculated performance rate for this measure indicates better clinical care or control.

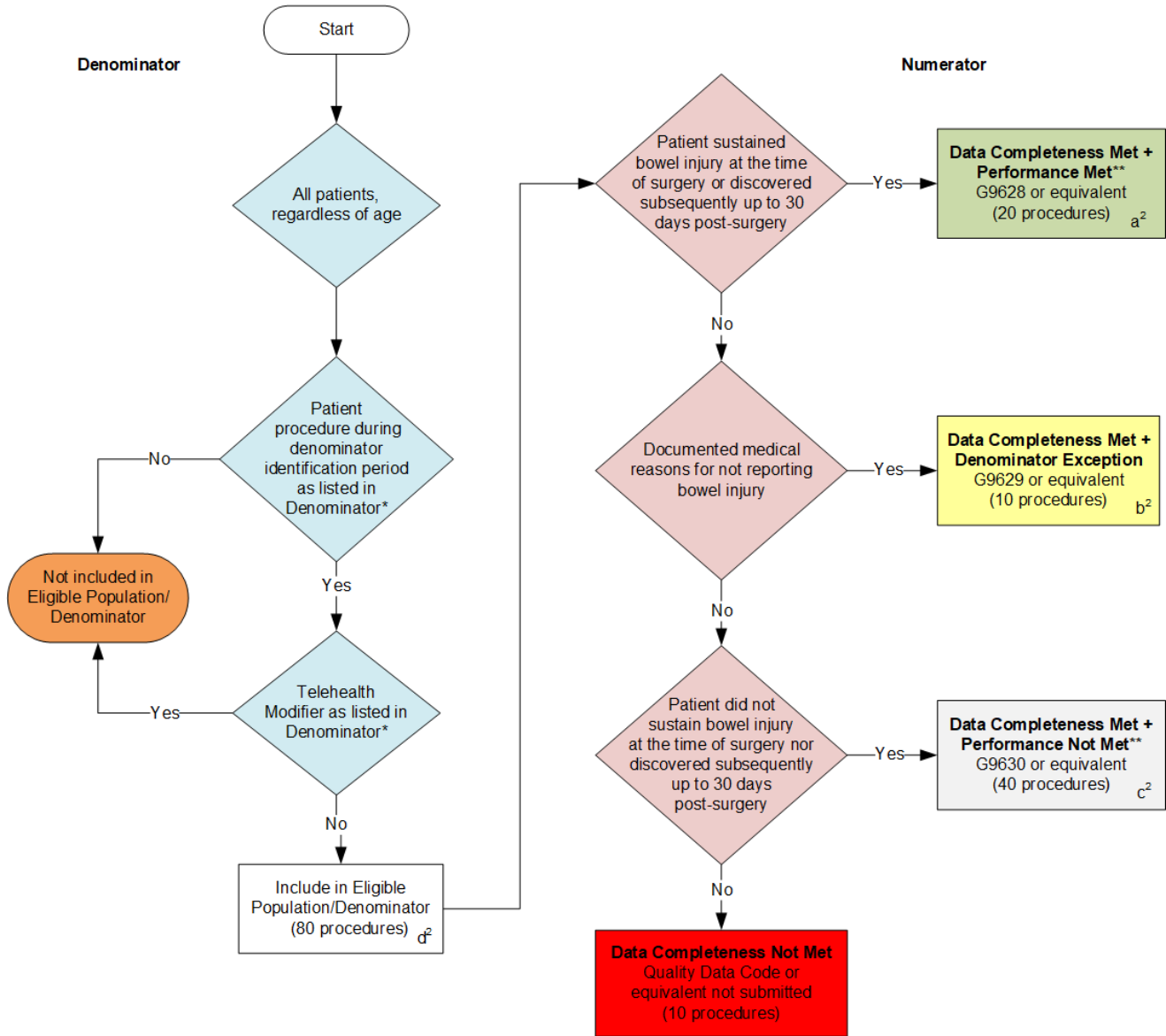
NOTE: Submission Frequency: Procedure

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Submission Criteria Two

Disclaimer: Refer to the measure specification for specific coding and instructions to submit this measure.



SAMPLE CALCULATIONS: SUBMISSION CRITERIA TWO

Data Completeness=

$$\frac{\text{Performance Met (a}^2=20 \text{ procedures)} + \text{Denominator Exception (b}^2=10 \text{ procedures)} + \text{Performance Not Met (c}^2=40 \text{ procedures)}}{\text{Eligible Population / Denominator (d}^2=80 \text{ procedures)}} = \frac{70 \text{ procedures}}{80 \text{ procedures}} = 87.50\%$$

Performance Rate=**

$$\frac{\text{Performance Met (a}^2=20 \text{ procedures)}}{\text{Data Completeness Numerator (70 procedures) - Denominator Exception (b}^2=10 \text{ procedures)}} = \frac{20 \text{ procedures}}{60 \text{ procedures}} = 33.33\%$$

*See the posted measure specification for specific coding and instructions to submit this measure.

**A lower calculated performance rate for this measure indicates better clinical care or control.

NOTE: Submission Frequency: Procedure

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OVERALL SAMPLE CALCULATIONS:

Overall Data Completeness=

$$\frac{\text{Performance Met (a}^1+\text{a}^2=40) + \text{Denominator Exception (b}^1+\text{b}^2=20) + \text{Performance Not Met (c}^1+\text{c}^2=80)}{\text{Eligible Population / Denominator (d}^1+\text{d}^2=160 \text{ patients)}} = \frac{140 \text{ procedures}}{160 \text{ procedures}} = \mathbf{87.50\%}$$

Overall Performance Rate=**

$$\frac{\text{Performance Rate One (33.33\%)} + \text{Performance Rate Two (33.33\%)}}{\text{Number of Performance Rates (2)}} = \frac{66.66\%}{2} = \mathbf{33.33\%}$$

*See the posted measure specification for specific coding and instructions to submit this measure.

**A lower calculated performance rate for this measure indicates better clinical care or control.

NOTE: Submission Frequency: Procedure

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**2025 Clinical Quality Measure Flow Narrative for Quality ID #432:
Proportion of Patients Sustaining a Bladder or Bowel Injury at the time of any Pelvic Organ Prolapse
Repair**

Disclaimer: Refer to the measure specification for specific coding and instructions to submit this measure.

Submission Criteria One:

1. Start with Denominator
2. *All patients, regardless of age*
3. Check *Patient procedure during performance period as listed in Denominator**:
 - a. If *Patient procedure during performance period as listed in Denominator** equals No, do not include in *Eligible Population/Denominator*. Stop processing.
 - b. If *Patient procedure during performance period as listed in Denominator** equals Yes, proceed to check *Telehealth Modifier as listed in Denominator**.
4. Check *Telehealth Modifier as listed in Denominator**:
 - a. If *Telehealth Modifier as listed in Denominator** equals Yes, do not include in *Eligible Population/Denominator*. Stop processing.
 - b. If *Telehealth Modifier as listed in Denominator** equals No, include in *Eligible Population/Denominator*.
5. Denominator Population:
 - Denominator Population is all Eligible Procedures in the Denominator. Denominator is represented as Denominator in the Sample Calculation listed at the end of this document. Letter d equals 80 procedures in the Sample Calculation.
6. Start Numerator
7. Check *Patient sustained bladder injury at the time of surgery or discovered subsequently up to 30 days post-surgery*:
 - a. If *Patient sustained bladder injury at the time of surgery or discovered subsequently up to 30 days post-surgery* equals Yes, include in *Data Completeness Met and Performance Met***.
 - *Data Completeness Met and Performance Met*** letter is represented in the Data Completeness and Performance Rate in the Sample Calculation listed at the end of this document. Letter a equals 20 procedures in the Sample Calculation.
 - b. If *Patient sustained bladder injury at the time of surgery or discovered subsequently up to 30 days post-surgery* equals No, proceed to check *Documented medical reasons for not reporting bladder injury*.
8. Check *Documented medical reasons for not reporting bladder injury*:
 - a. If *Documented medical reasons for not reporting bladder injury* equals Yes, include in *Data Completeness Met and Denominator Exception*.

- *Data Completeness Met and Denominator Exception* letter is represented in the Data Completeness and Performance Rate in the Sample Calculation listed at the end of this document. Letter b equals 10 procedures in the Sample Calculation.
- b. If *Documented medical reasons for not reporting bladder injury* equals No, proceed to check *Patient did not sustain bladder injury at the time of surgery nor discovered subsequently up to 30 days post-surgery*.
9. Check *Patient did not sustain bladder injury at the time of surgery nor discovered subsequently up to 30 days post-surgery*:
 - a. If *Patient did not sustain bladder injury at the time of surgery nor discovered subsequently up to 30 days post-surgery* equals Yes, include in *Data Completeness Met and Performance Not Met***.
 - *Data Completeness Met and Performance Not Met*** letter is represented in the Data Completeness in the Sample Calculation listed at the end of this document. Letter c equals 40 procedures in the Sample Calculation.
 - b. If *Patient did not sustain bladder injury at the time of surgery nor discovered subsequently up to 30 days post-surgery* equals No, proceed to check *Data Completeness Not Met*.
 10. Check *Data Completeness Not Met*:
 - a. If *Data Completeness Not Met*, the Quality Data Code or equivalent was not submitted. 10 procedures have been subtracted from the Data Completeness Numerator in the Sample Calculation.

Sample Calculations Submission Criteria One

Data Completeness equals Performance Met (a equals 20 procedures) plus Denominator Exception (b equals 10 procedures) plus Performance Not Met (c equals 40 procedures) divided by Eligible Population/Denominator (d equals 80 procedures). All equals 70 procedures divided by 80 procedures. All equals 87.50 percent.

Performance Rate** equals Performance Met (a equals 20 procedures) divided by Data Completeness Numerator (70 procedures) minus Denominator Exception (b equals 10 procedures). All equals 20 procedures divided by 60 procedures. All equals 33.33 percent.

*See the posted measure specification for specific coding and instructions to submit this measure.

**A lower calculated performance rate for this measure indicates better clinical care or control.

NOTE: Submission Frequency: Procedure

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Submission Criteria Two:

1. Start with Denominator
2. *All patients, regardless of age*
3. Check *Patient procedure during the performance period as listed in Denominator**:
 - a. If *Patient procedure during the performance period as listed in Denominator** equals No, do

not include in *Eligible Population/Denominator*. Stop processing.

- b. If *Patient procedure during the performance period as listed in Denominator** equals Yes, proceed to check *Telehealth Modifier as listed in Denominator**.
4. Check *Telehealth Modifier as listed in Denominator**:
 - a. If *Telehealth Modifier as listed in Denominator** equals Yes, do not include in *Eligible Population/Denominator*. Stop processing.
 - b. If *Telehealth Modifier as listed in Denominator** equals No, include in *Eligible Population/Denominator*.
5. Denominator Population:
 - Denominator Population is all Eligible Procedures in the Denominator. Denominator is represented as Denominator in the Sample Calculation listed at the end of this document. Letter d equals 80 patients in the Sample Calculation.
6. Start Numerator
7. Check *Patient sustained bowel injury at the time of surgery or discovered subsequently up to 30 days post-surgery*:
 - a. If *Patient sustained bowel injury at the time of surgery or discovered subsequently up to 30 days post-surgery* equals Yes, include in *Data Completeness Met and Performance Met***.
 - *Data Completeness Met and Performance Met*** letter is represented in the Data Completeness and Performance Rate in the Sample Calculation listed at the end of this document. Letter a equals 20 procedures in the Sample Calculation.
 - b. If *Patient sustained bowel injury at the time of surgery or discovered subsequently up to 30 days post-surgery* equals No, proceed to check *Documented medical reasons for not reporting bowel injury*.
8. Check *Documented medical reasons for not reporting bowel injury*:
 - a. If *Documented medical reasons for not reporting bowel injury* equals Yes, include in *Data Completeness Met and Denominator Exception*.
 - *Data Completeness Met and Denominator Exception* letter is represented in the Data Completeness and Performance Rate in the Sample Calculation listed at the end of this document. Letter b equals 10 procedures in the Sample Calculation.
 - b. If *Documented medical reasons for not reporting bowel injury* equals No, proceed to check *Patient did not sustain a bowel injury at the time of surgery nor discovered subsequently up to 30 days post-surgery*.
9. Check *Patient did not sustain a bowel injury at the time of surgery nor discovered subsequently up to 30 days post-surgery*:
 - a. If *Patient did not sustain a bowel injury at the time of surgery nor discovered subsequently up to 30 days post-surgery* equals Yes, include in *Data Completeness Met and Performance Not Met***.
 - *Data Completeness Met and Performance Not Met*** letter is represented in the Data

Completeness in the Sample Calculation listed at the end of this document. Letter c equals 40 procedures in the Sample Calculation.

- b. If *Patient did not sustain a bowel injury at the time of surgery nor discovered subsequently up to 30 days post-surgery* equals No, proceed to check *Data Completeness Not Met*.

10. Check *Data Completeness Not Met*:

- a. If *Data Completeness Not Met*, the Quality Data Code or equivalent was not submitted. 10 procedures have been subtracted from the Data Completeness Numerator in the Sample Calculation.

Sample Calculations Submission Criteria Two

Data Completeness equals Performance Met (a equals 20 procedures) plus Denominator Exception (b equals 10 procedures) plus Performance Not Met (c equals 40 procedures) divided by Eligible Population/Denominator (d equals 80 procedures). All equals 70 procedures divided by 80 procedures. All equals 87.50 percent.

Performance Rate** equals Performance Met (a equals 20 procedures) divided by Data Completeness Numerator (70 procedures) minus Denominator Exception (b equals 10 procedures). All equals 20 procedures divided by 60 procedures. All equals 33.33 percent.

Overall Sample Calculations

Data Completeness equals Performance Met (a¹ plus a² equals 40 patients) plus Denominator Exception (b¹ plus b² plus equals 20 patients) plus Performance Not Met (c¹ plus c² equals 80 patients) divided by Eligible Population/Denominator (d¹ plus d² equals 160 patients). All equals 140 patients divided by 160 patients. All equals 87.50 percent.

Overall Performance Rate Equals Performance Rate One (33.33%) plus Performance Rate Two (33.33%) divided by the Number of Performance Rates (2). All equals 66.66% divided by 2. All equals 33.33 percent.

*See the posted measure specification for specific coding and instructions to submit this measure.

**A lower calculated performance rate for this measure indicates better clinical care or control.

NOTE: Submission Frequency: Procedure

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