## Quality ID #113 (NQF 0034): Colorectal Cancer Screening

## 2023 COLLECTION TYPE: MEDICARE PART B CLAIMS

## **MEASURE TYPE:**

**Process** 

## **DESCRIPTION:**

Percentage of patients 45-75 years of age who had appropriate screening for colorectal cancer

#### INSTRUCTIONS:

This measure is to be submitted a minimum of <u>once per performance period</u> for patients seen during the performance period. There is no diagnosis associated with this measure. Performance for this measure is not limited to the performance period. 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 services provided and the measure-specific denominator coding.

**NOTE:** Patient encounters for this measure conducted via telehealth (e.g., encounters coded with GQ, GT, 95, or POS 02 modifiers) are allowable.

## **Measure Submission Type:**

Measure data may be submitted by individual MIPS eligible clinicians using Medicare Part B claims. The listed denominator criteria are used to identify the intended patient population. The numerator quality data codes included in this specification are used to submit the quality actions allowed by the measure on the claim form(s). All measure-specific coding should be submitted on the claim(s) representing the denominator eligible encounter and selected numerator option.

The intent of the exclusion for individuals age 66 and older residing in long-term care facilities, including nursing homes, is to exclude individuals who may have limited life expectancy and increased frailty where the benefit of the process may not exceed the risks. This exclusion is not intended as a clinical recommendation regarding whether the measures process is inappropriate for specific populations, instead the exclusion allows clinicians to engage in shared decision making with patients about the benefits and risks of screening when an individual has limited life expectancy.

## **DENOMINATOR:**

Patients 45-75 years of age with a visit during the measurement period

**DENOMINATOR NOTE:** \*Signifies that this CPT Category I code is a non-covered service under the Physician Fee Schedule (PFS). These non-covered services will not be counted in the denominator population for Medicare Part B claims measures.

## **Denominator Criteria (Eligible Cases):**

Patients 45 to 75 years of age on date of encounter

#### AND

Patient encounter during the performance period (CPT or HCPCS): 99202, 99203, 99204, 99205, 99212, 99213, 99214, 99215, 99341, 99342, 99344, 99345, 99347, 99348, 99349, 99350, 99386\*, 99387\*, 99396\*, 99397\*, G0438, G0439

## **NUMERATOR:**

Patients with one or more screenings for colorectal cancer. Appropriate screenings are defined by any one of the following criteria:

- Fecal occult blood test (FOBT) during the measurement period
- Flexible sigmoidoscopy during the measurement period or the four years prior to the measurement period
- Colonoscopy during the measurement period or the nine years prior to the measurement period
- Computed tomography (CT) colonography during the measurement period or the four years prior to the measurement period
- Fecal immunochemical DNA test (FIT-DNA) during the measurement period or the two years prior to the measurement period

## **NUMERATOR GUIDANCE**

Do not count digital rectal exams (DRE) fecal occult blood tests (FOBTs) performed in an office setting or performed on a sample collected via DRE.

**NUMERATOR NOTE:** Patient reported procedures and diagnostic studies, when recorded in the medical record, are acceptable for meeting the numerator.

To assess the age for exclusions, the patient's age on the date of the encounter should be used.

## **Numerator Quality Data Coding Options:**

Patient receiving Hospice Services, Patient Not Eligible

**Denominator Exclusion:** G9710: Patient was provided hospice services any time during

the measurement period

<u>OR</u>

Patient receiving Palliative Care Services, Patient Not Eligible

**Denominator Exclusion:** G9993: Patient was provided palliative care services any time

during the measurement period

<u>OR</u>

**Colorectal Cancer Screening Not Performed for Medical Reasons** 

**Denominator Exclusion: G9711:** Patients with a diagnosis or past history of total

colectomy or colorectal cancer

OR

Patient age 66 or older in Institutional Special Needs Plans (SNP) or residing in long-term care facility,

**Patient Not Eligible** 

**Denominator Exclusion: G9901:** Patient age 66 or older in Institutional Special Needs

Plans (SNP) or residing in long-term care with POS code 32, 33, 34, 54 or 56 for more than 90 consecutive days

during the measurement period

OR

Patient with Frailty AND Medication for Dementia, Patient Not Eligible

**Denominator Exclusion: G2100:** Patients 66 years of age and older with at least one

claim/encounter for frailty during the measurement period AND a dispensed medication for dementia during the measurement period or the year prior to the measurement

period

OR

Patient with Frailty AND Advanced Illness, Patient Not Eligible

**Denominator Exclusion: G2101:** Patients 66 years of age and older with at least one

claim/encounter for frailty during the measurement period AND either one acute inpatient encounter with a diagnosis of advanced illness or two outpatient, observation, ED or nonacute inpatient encounters on different dates of service

with an advanced illness diagnosis during the

**Table: Dementia Exclusion Medications** 

Description		Prescription	
Cholinesterase	Donepezil	Rivastigimine	
inhibitors	Galantamine		
Miscellaneous central nervous system agents	Memantine		

- Codes to identify Frailty: 99504, 99509, E0100, E0105, E0130, E0135, E0140, E0141, E0143, E0144, E0147, E0148, E0149, E0163, E0165, E0167, E0168, E0170, E0171, E0250, E0251, E0255, E0256, E0260, E0261, E0265, E0266, E0270, E0290, E0291, E0292, E0293, E0294, E0295, E0296, E0297, E0301, E0302, E0303, E0304, E0424, E0425, E0430, E0431, E0433, E0434, E0435, E0439, E0440, E0441, E0442, E0443, E0444, E0462, E0465, E0466, E0470, E0471, E0472, E0561, E0562, E1130, E1140, E1150, E1160, E1161, E1240, E1250, E1260, E1270, E1280, E1285, E1290, E1295, E1296, E1297, E1298, G0162, G0299, G0300, G0493, G0494, S0271, S0311, S9123, S9124, T1000, T1001, T1002, T1003, T1004, T1005, T1019, T1020, T1021, T1022, T1030, T1031, L89.000, L89.001, L89.002, L89.003, L89.004, L89.006, L89.009, L89.010, L89.011, L89.012, L89.013, L89.014, L89.016, L89.019, L89.020, L89.021, L89.022, L89.023, L89.024, L89.026, L89.029, L89.100, L89.101, L89.102, L89.103, L89.104, L89.106, L89.109, L89.110, L89.111, L89.112, L89.113, L89.114, L89.116, L89.119, L89.120, L89.121, L89.122, L89.123, L89.124, L89.126, L89.129, L89.130, L89.131, L89.132, L89.133, L89.134, L89.136, L89.139, L89.140, L89.141, L89.142, L89.143, L89.144, L89.146, L89.149, L89.150, L89.151, L89.152, L89.153, L89.154, L89.156, L89.159, L89.200, L89.201, L89.202, L89.203, L89.204, L89.206, L89.209, L89.210, L89.211, L89.212, L89.213, L89.214, L89.216, L89.219, L89.220, L89.221, L89.222, L89.223, L89.224, L89.226, L89.229, L89.300, L89.301, L89.302, L89.303, L89.304, L89.306, L89.309, L89.310, L89.311, L89.312, L89.313, L89.314, L89.316, L89.319, L89.320, L89.321, L89.322, L89.323, L89.324, L89.326, L89.329, L89.40, L89.41, L89.42, L89.43, L89.44, L89.45, L89.46, L89.500, L89.501, L89.502, L89.503, L89.504, L89.506, L89.509, L89.510, L89.511, L89.512, L89.513, L89.514, L89.516, L89.519, L89.520, L89.521, L89.522, L89.523, L89.524, L89.526, L89.529, L89.600, L89.601, L89.602, L89.603, L89.604, L89.606, L89.609, L89.610, L89.611, L89.612, L89.613, L89.614, L89.616, L89.619, L89.620, L89.621, L89.622, L89.623, L89.624, L89.626, L89.629, L89.810, L89.811, L89.812, L89.813, L89.814, L89.816, L89.819, L89.890, L89.891, L89.892, L89.893, L89.894, L89.896, L89.899, L89.90, L89.91, L89.92, L89.93, L89.94, L89.95, L89.96, M62.50, M62.81, M62.84, R26.0, R26.1, R26.2, R26.89, R26.9, R41.81, R53.1, R53.81, R53.83, R54, R62.7, R63.4, R63.6, R64, W01.0XXA, W01.0XXD, W01.0XXS, W01.10XA, W01.10XD, W01.10XS, W01.110A, W01.110D, W01.110S, W01.111A, W01.111D, W01.111S, W01.118A, W01.118D, W01.118S, W01.119A, W01.119D, W01.119S, W01.190A, W01.190D, W01.190S, W01.198A, W01.198D, W01.198S, W06.XXXA, W06.XXXD, W06.XXXS, W07.XXXA. W07.XXXD. W07.XXXS. W08.XXXA. W08.XXXD. W08.XXXS. W10.0XXA. W10.0XXD. W10.0XXS. W10.1XXA, W10.1XXD, W10.1XXS, W10.2XXA, W10.2XXD, W10.2XXS, W10.8XXA, W10.8XXD, W10.8XXS, W10.9XXA, W10.9XXD, W10.9XXS, W18.00XA, W18.00XD, W18.00XS, W18.02XA, W18.02XD, W18.02XS, W18.09XA, W18.09XD, W18.09XS, W18.11XA, W18.11XD, W18.11XS, W18.12XA, W18.12XD, W18.12XS, W18.2XXA, W18.2XXD, W18.2XXS, W18.30XA, W18.30XD, W18.30XS, W18.31XA, W18.31XD, W18.31XS, W18.39XA, W18.39XD, W18.39XS, W19.XXXA, W19.XXXD, W19.XXXS, Y92.199, Z59.3, Z73.6, Z74.01, Z74.09, Z74.1, Z74.2, Z74.3, Z74.8, Z74.9. Z91.81. Z99.11. Z99.3. Z99.81. Z99.89
- Codes to identify Advanced Illness: A81.00, A81.01, A81.09, C25.0, C25.1, C25.2, C25.3, C25.4, C25.7, C25.8, C25.9, C71.0, C71.1, C71.2, C71.3, C71.4, C71.5, C71.6, C71.7, C71.8, C71.9, C77.0, C77.1, C77.2, C77.3, C77.4, C77.5, C77.8, C77.9, C78.00, C78.01, C78.02, C78.1, C78.2, C78.30, C78.39, C78.4, C78.5, C78.6, C78.7, C78.80, C78.89, C79.00, C79.01, C79.02, C79.10, C79.11, C79.19, C79.2, C79.31, C79.32, C79.40, C79.49, C79.51, C79.52, C79.60, C79.61, C79.62, C79.70, C79.71, C79.72, C79.81, C79.82, C79.89, C79.9, C91.00, C91.02, C92.00, C92.02, C93.00, C93.02, C93.90, C93.92, C93.20, C93.22, C94.30, C94.32, F01.50, F01.51, F01.511, F01.518, F01.52, F01.53, F01.54, F01.A0, F01.A11, F01.A18, F01.A2, F01.A3, F01.A4, F01.B0, F01.B11, F01.B18, F01.B2, F01.B3, F01.B4, F01.C0, F01.C11, F01.C18, F01.C2, F01.C3, F01.C4, F02.80, F02.81, F02.811, F02.818, F02.82, F02.83, F02.84, F02.A0, F02.A11, F02.A18, F02.A2, F02.A3, F02.A4, F02.B0, F02.B11, F02.B18, F02.B2, F02.B3, F02.B4, F02.C0,

F02.C11, F02.C18, F02.C2, F02.C3, F02.C4, F03.90, F03.91, F03.911, F03.918, F03.92, F03.93, F03.94, F03.A0, F03.A11, F03.A18, F03.A2, F03.A3, F03.A4, F03.B0, F03.B11, F03.B18, F03.B2, F03.B3, F03.B4, F03.C0, F03.C11, F03.C18, F03.C2, F03.C3, F03.C4, F04, F10.27, F10.96, F10.97, G10, G12.21, G20, G30.0, G30.1, G30.8, G30.9, G31.01, G31.09, G31.83, I09.81, I11.0, I12.0, I13.0, I13.11, I13.2, I50.1, I50.20, I50.21, I50.22, I50.23, I50.30, I50.31, I50.32, I50.33, I50.40, I50.41, I50.42, I50.43, I50.810, I50.811, I50.812, I50.813, I50.814, I50.82, I50.83, I50.84, I50.89, I50.9, J43.0, J43.1, J43.2, J43.8, J43.9, J68.4, J84.10, J84.112, J84.170, J84.178, J96.10, J96.11, J96.12, J96.20, J96.21, J96.22, J96.90, J96.91, J96.92, J98.2, J98.3, K70.10, K70.11, K70.2, K70.30, K70.31, K70.40, K70.41, K70.9, K74.00, K74.01, K74.02, K74.1, K74.2, K74.4, K74.5, K74.60, K74.69, N18.5, N18.6

OR

**Colorectal Cancer Screening Performed** 

Performance Met: 3017F: Colorectal cancer screening results documented and

reviewed

OR

## Colorectal Cancer Screening not Performed, Reason not Otherwise Specified

Append a submission modifier (8P) to CPT Category II code 3017F to submit circumstances when the action described in the numerator is not performed and the reason is not otherwise specified.

**Performance Not Met:** 3017F with 8P: Colorectal cancer screening results were not

documented and reviewed, reason not otherwise

specified

## RATIONALE:

Colorectal cancer represents eight percent of all new cancer cases in the United States. In 2020, there are an estimated 147,950 new cases of colorectal cancer and an estimated 53,200 deaths attributed to it. According to the National Cancer Institute, about 4.2 percent of men and women will be diagnosed with colorectal cancer at some point during their lifetimes. For most adults, older age is the most important risk factor for colorectal cancer, although being male and black are also associated with higher incidence and mortality. Colorectal cancer is most frequently diagnosed among people 65 to 74 years old (National Cancer Institute, 2020).

Screening can be effective for finding precancerous lesions (polyps) that could later become malignant, and for detecting early cancers that can be more easily and effectively treated. Precancerous polyps usually take about 10 to 15 years to develop into colorectal cancer, and most can be found and removed before turning into cancer. The five-year relative survival rate for people whose colorectal cancer is found in the early stage before it has spread is about 90 percent (American Cancer Society, 2020).

## **CLINICAL RECOMMENDATION STATEMENTS:**

The U. S. Preventive Services Task Force (2021) recommends screening for colorectal cancer in adults aged 45 to 49 years. This is a Grade B recommendation (U.S. Preventive Services Task Force 2021).

The U.S. Preventive Services Task Force (2021) recommends screening for colorectal cancer in adults aged 50 to 75 years. This is a Grade A recommendation (U.S. Preventive Services Task Force, 2021).

Appropriate screenings are defined by any one of the following:

- -Colonoscopy (every 10 years)
- -Flexible sigmoidoscopy (every 5 years)
- -Fecal occult blood test (annually)
- -FIT-DNA test (every 3 years)
- -Computed tomographic colonography (every 5 years)

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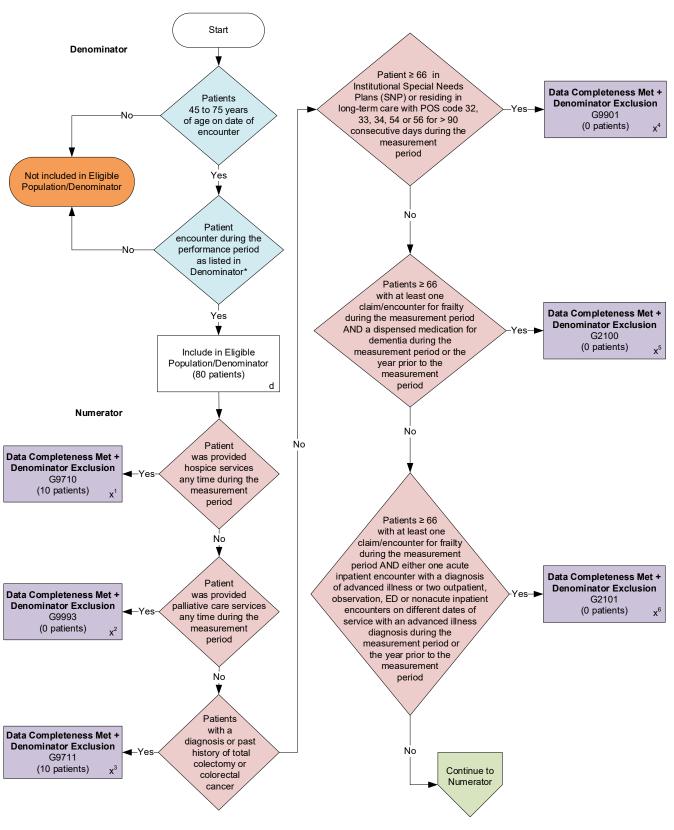
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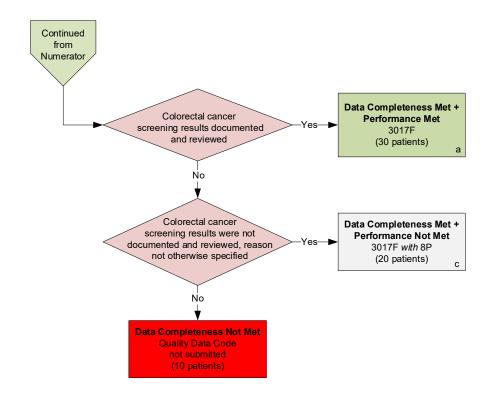
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# 2023 Medicare Part B Claims Measure Flow for Quality ID #113 (NQF 0034): Colorectal Cancer Screening

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





## SAMPLE CALCULATIONS Data Completeness= Denominator Exclusion (x<sup>1</sup>+x<sup>2</sup>+x<sup>3</sup>+x<sup>4</sup>+x<sup>5</sup>+x<sup>6</sup>=20 patients) + Performance Met (a=30 patients) + Performance Not Met (c=20 patients) = 70 patients = 87.50% Eligible Population / Denominator (d=80 patients) = 80 patients Performance Rate= Performance Met (a=30 patients) Data Completeness Numerator (70 patients) – Denominator Exclusion (x¹+x²+x³+x⁴+x⁵+x⁶=20 patients) = 30 patients = 60.00% = 50 patients

NOTE: Submission Frequency: Patient-Process

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<sup>\*</sup> See the posted measure specification for specific coding and instructions to submit this measure.

# 2023 Medicare Part B Claims Flow Narrative for Quality ID #113 (NQF 0034): Colorectal Cancer Screening

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

- 1. Start with Denominator
- 2. Check Patients 45 to 75 years of age on date of encounter.
  - a. If *Patients 45 to 75 years of age on date of encounter* equals No, do not include in *Eligible Population/Denominator*. Stop processing.
  - b. If Patients 45 to 75 years of age on date of encounter equals Yes during the measurement period, proceed to check Patient encounter during the performance period as listed in Denominator\*.
- 3. Check Patient encounter during the performance period as listed in Denominator\*:
  - a. If Patient encounter during the performance period as listed in Denominator\* equals No, do not include in Eligible Population/Denominator. Stop processing.
  - b. If Patient encounter during the performance period as listed in Denominator\* equals Yes, include in Eligible Population/Denominator.
- 4. Denominator Population:
  - a. Denominator Population is all Eligible Patients 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.
- 5. Start Numerator
- 6. Check Patient was provided hospice services any time during the measurement period:
  - a. If Patient was provided hospice services any time during the measurement period equals Yes, include in Data Completeness Met and Denominator Exclusion.
    - Data Completeness Met and Denominator Exclusion letter is represented as Data Completeness and Performance Rate in the Sample Calculation listed at the end of this document. Letter x¹ equals 10 patients in the Sample Calculation.
  - b. If Patient was provided hospice services any time during the measurement period equals No, proceed to check Patient was provided palliative care services any time during the measurement period.
- 7. Check Patient was provided palliative care services any time during the measurement period:
  - a. If Patient was provided palliative care services any time during the measurement period equals Yes, include in Data Completeness Met and Denominator Exclusion.
    - Data Completeness Met and Denominator Exclusion letter is represented as Data Completeness and Performance Rate in the Sample Calculation listed at the end of this document. Letter x<sup>2</sup> equals 0 patients in the Sample Calculation.
  - b. If Patient was provided palliative care services any time during the measurement period equals No, proceed to check Patients with a diagnosis or past history of total colectomy or colorectal cancer.
- 8. Check Patients with a diagnosis or past history of total colectomy or colorectal cancer.

- a. If Patients with a diagnosis or past history of total colectomy or colorectal cancer equals Yes, include in Data Completeness Met and Denominator Exclusion.
  - Data Completeness Met and Denominator Exclusion letter is represented as Data Completeness and Performance Rate in the Sample Calculation listed at the end of this document. Letter x<sup>3</sup> equals 10 patients in the Sample Calculation.
- b. If Patients with a diagnosis or past history of total colectomy or colorectal cancer equals No, proceed to check Patients greater than or equal to 66 in Institutional Special Needs Plans (SNP) or residing in long-term care with POS code 32, 33, 34, 54, or 56 for more than 90 consecutive days during the measurement period.
- 9. Check Patients greater than or equal to 66 in Institutional Special Needs Plans (SNP) or residing in long-term care with POS code 32, 33, 34, 54, or 56 for more than 90 consecutive days during the measurement period:
  - a. If Patients greater than or equal to 66 in Institutional Special Needs Plans (SNP) or residing in long-term care with POS code 32, 33, 34, 54, or 56 for more than 90 consecutive days during the measurement period equals Yes, include in Data Completeness Met and Denominator Exclusion.
    - Data Completeness Met and Denominator Exclusion letter is represented as Data Completeness and Performance Rate in the Sample Calculation listed at the end of this document. Letter x<sup>4</sup> equals 0 patients in the Sample Calculation.
  - b. If Patients greater than or equal to 66 in Institutional Special Needs Plans (SNP) or residing in long-term care with POS code 32, 33, 34, 54, or 56 for more than 90 consecutive days during the measurement period equals No, proceed to check Patients greater than or equal to 66 with at least one claim/encounter for frailty during the measurement period AND a dispensed medication for dementia during the measurement period or the year prior to the measurement period.
- 10. Check Patients greater than or equal to 66 with at least one claim/encounter for frailty during the measurement period AND a dispensed medication for dementia during the measurement period or the year prior to the measurement period:
  - a. If Patients greater than or equal to 66 with at least one claim/encounter for frailty during the measurement period AND a dispensed medication for dementia during the measurement period or the year prior to the measurement period equals Yes, include in Data Completeness Met and Denominator Exclusion.
    - Data Completeness Met and Denominator Exclusion letter is represented as Data Completeness and Performance Rate in the Sample Calculation listed at the end of this document. Letter x<sup>5</sup> equals 0 patients in the Sample Calculation.
  - b. If Patients greater than or equal to 66 with at least one claim/encounter for frailty during the measurement period AND a dispensed medication for dementia during the measurement period or the year prior to the measurement period equals No, proceed to check Patients greater than or equal to 66 with at least one claim/encounter for frailty during the measurement period AND either one acute inpatient encounter with a diagnosis of advanced illness or two outpatient, observation, ED or nonacute inpatient encounters on different dates of service with an advanced illness diagnosis during the measurement period or the year prior to the measurement period.
- 11. Check Patients greater than or equal to 66 with at least one claim/encounter for frailty during the measurement period AND either one acute inpatient encounter with a diagnosis of advanced illness or two outpatient, observation, ED or nonacute inpatient encounters on different dates of service with an advanced illness diagnosis during the measurement period or the year prior to the measurement period:
  - a. If Patients greater than or equal to 66 with at least one claim/encounter for frailty during the measurement

period AND either one acute inpatient encounter with a diagnosis of advanced illness or two outpatient, observation, ED or nonacute inpatient encounters on different dates of service with an advanced illness diagnosis during the measurement period or the year prior to the measurement period equals Yes, include in Data Completeness Met and Denominator Exclusion.

- Data Completeness Met and Denominator Exclusion letter is represented as Data
   Completeness and Performance Rate in the Sample Calculation listed at the end of this
   document. Letter x<sup>6</sup> equals 0 patients in the Sample Calculation.
- b. If Patients greater than or equal to 66 with at least one claim/encounter for frailty during the measurement period AND either one acute inpatient encounter with a diagnosis of advanced illness or two outpatient, observation, ED or nonacute inpatient encounters on different dates of service with an advanced illness diagnosis during the measurement period or the year prior to the measurement period equals No, proceed to check Colorectal cancer screening results documented and reviewed.
- 12. Check Colorectal cancer screening results documented and reviewed:
  - a. If Colorectal cancer screening results documented and reviewed equals Yes, include in Data Completeness Met and Performance Met.
    - Data Completeness Met and Performance Met letter is represented as Data Completeness and Performance Rate in the Sample Calculation listed at the end of this document. Letter a equals 30 patients in the Sample Calculation.
  - b. If Colorectal cancer screening results documented and reviewed equals No, proceed to check Colorectal cancer screening results were not documented and reviewed, reason not otherwise specified.
- 13. Check Colorectal cancer screening results were not documented and reviewed, reason not otherwise specified:
  - a. If Colorectal cancer screening results were not documented and reviewed, reason not otherwise specified equals Yes, include in the Data Completeness Met and Performance Not Met.
    - Data Completeness Met and Performance Not Met letter is represented as Data
       Completeness in the Sample Calculation listed at the end of this document. Letter c equals
       20 patients in the Sample Calculation.
  - b. If Colorectal cancer screening results were not documented and reviewed, reason not otherwise specified equals No, proceed to check Data Completeness Not Met.
- 14. Check Data Completeness Not Met:
  - a. If *Data Completeness Not Met*, the Quality Data Code was not submitted. 10 patients have been subtracted from the Data Completeness Numerator in the Sample Calculation.

## Sample Calculations:

Data Completeness equals Denominator Exclusion (x¹ plus x² plus x³ plus x⁴ plus x⁵ plus x⁶ equals 20 patients) plus Performance Met (a equals 30 patients) plus Performance Not Met (c equals 20 patients) divided by Eligible Population/Denominator (d equals 80 patients). All equals 70 patients divided by 80 patients. All equals 87.50 percent.

Performance Rate equals Performance Met (a equals 30 patients) divided by Data Completeness Numerator (70 patients) minus Denominator Exclusion ( $x^1$  plus  $x^2$  plus  $x^3$  plus  $x^4$  plus  $x^5$  plus  $x^6$  equals 20 patients). All equals 30 patients divided by 50 patients. All equals 60.00 percent.

