

Quality ID #99 (NOF 0391): Breast Cancer Resection Pathology Reporting: pT Category (Primary Tumor) and pN Category (Regional Lymph Nodes) with Histologic Grade – National Quality Strategy Domain: Effective Clinical Care

2018 OPTIONS FOR INDIVIDUAL MEASURES:

CLAIMS ONLY

MEASURE TYPE:

Process

DESCRIPTION:

Percentage of breast cancer resection pathology reports that include the pT category (primary tumor), the pN category (regional lymph nodes), and the histologic grade

INSTRUCTIONS:

This measure is to be submitted **each time** a breast cancer resection surgical pathology examination is performed during the performance period for breast cancer patients. Each unique CPT Category I code submitted on the claim will be counted for denominator inclusion. It is anticipated that eligible clinicians who examine breast tissue specimens following resection in a laboratory or institution will submit this measure. If the specimen is not primary breast tissue (e.g., liver, lung), report only CPT II code 3250F.

Measure Submission:

The listed denominator criteria is 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. All measure-specific coding should be submitted on the claim(s) representing the eligible encounter.

DENOMINATOR:

All breast cancer resection pathology reports (excluding biopsies)

Denominator Criteria (Eligible Cases):

Diagnosis for breast cancer (ICD-10-CM): C50.011, C50.012, C50.019, C50.021, C50.022, C50.029, C50.111, C50.112, C50.119, C50.121, C50.122, C50.129, C50.211, C50.212, C50.219, C50.221, C50.222, C50.229, C50.311, C50.312, C50.319, C50.321, C50.322, C50.329, C50.411, C50.412, C50.419, C50.421, C50.422, C50.429, C50.511, C50.512, C50.519, C50.521, C50.522, C50.529, C50.611, C50.612, C50.619, C50.621, C50.622, C50.629, C50.811, C50.812, C50.819, C50.821, C50.822, C50.829, C50.911, C50.912, C50.919, C50.921, C50.922, C50.929

AND

Patient procedure during the performance period (CPT): 88307, 88309

NUMERATOR:

Reports that include the pT category, the pN category and the histologic grade

Numerator Quality-Data Coding Options:

If Patient is not Eligible for this Measure because the Specimen is not Primary Breast Tissue (e.g., Liver, Lung) Report:

Denominator Exclusion: CPT II 3250F:

Specimen site other than anatomic location of primary tumor

OR

pT Category, pN Category and Histologic Grade Documented

Performance Met: CPT II 3260F:

pT category (primary tumor), pN category (regional lymph nodes), and histologic grade documented in

pathology report

OR

pT Category, pN Category and Histologic Grade not Documented for Medical Reasons

Append a modifier (1P) to CPT Category II code 3260F to report documented circumstances that appropriately exclude patients from the denominator.

Denominator Exception: 3260F with 1P:

Documentation of medical reason(s) for not including the pT category, the pN category, or the histologic grade in the pathology report (eg, re-excision without residual tumor, non-carcinomas)

OR

pT Category, pN Category and Histologic Grade not Documented, Reason not Otherwise Specified

Append a reporting modifier (8P) to CPT Category II code 3260F to report circumstances when the action described in the numerator is not performed and the reason is not otherwise specified.

Performance Not Met: 3260F with 8P:

pT category, pN category, and histologic grade were not documented in pathology report, reason not otherwise specified

RATIONALE:

Therapeutic decisions for breast cancer management are stage driven and cannot be made without a complete set of pathology descriptors. Incomplete cancer resection pathology reports may result in misclassification of patients, rework and delays, and suboptimal management. The College of American Pathologists (CAP) has produced evidence-based checklists of essential pathologic parameters that are recommended to be included in cancer resection pathology reports. These checklists have been endorsed as a voluntary standard by National Quality Forum (NQF) and are considered the reporting standard by the Commission on Cancer (CoC) of the American College of Surgeons (ACS).

The CAP recently conducted a structured audit of breast cancer pathology report adequacy at 86 institutions. Overall, 35% of eligible reports were missing at least one of the ten CAP-recommended breast cancer elements. CancerCare Ontario (CCO) conducted a similar study in 2005 and found that 25% of breast cancer pathology reports did not include all of the information required by the CAP standards. While the exact percentage of breast cancer resection pathology reports that are missing the pT category, the pN category and the histologic grade is unknown, these are essential elements in breast cancer treatment decisions and should be included in every pathology report when possible.

The CAP recently conducted a structured audit of breast cancer pathology report adequacy at 86 institutions. Overall, 35% of eligible reports were missing at least one of the ten CAP-recommended breast cancer elements (Idowu MO, et al).

CLINICAL RECOMMENDATION STATEMENTS:

All invasive breast carcinomas should be graded.¹² The Nottingham combined histologic grade (Elston-Ellis modification of Scarff-Bloom-Richardson grading system) should be used for reporting. Within each stage grouping there is a relation between histologic grade and outcome. (CAP, 2017)

All patients with breast cancer should be assigned a clinical stage of disease, and if appropriate evaluation is available, a pathologic stage of disease. The routine use of staging allows for efficient identification of local treatment options, assists in identifying systemic treatment options, allows the comparison of outcomes results across institutions and clinical trials, and provides baseline prognostic information. (NCCN, 2012)

CAP June 2017 Protocol for the Examination of Specimens From Patients With Invasive Carcinoma of the Breast

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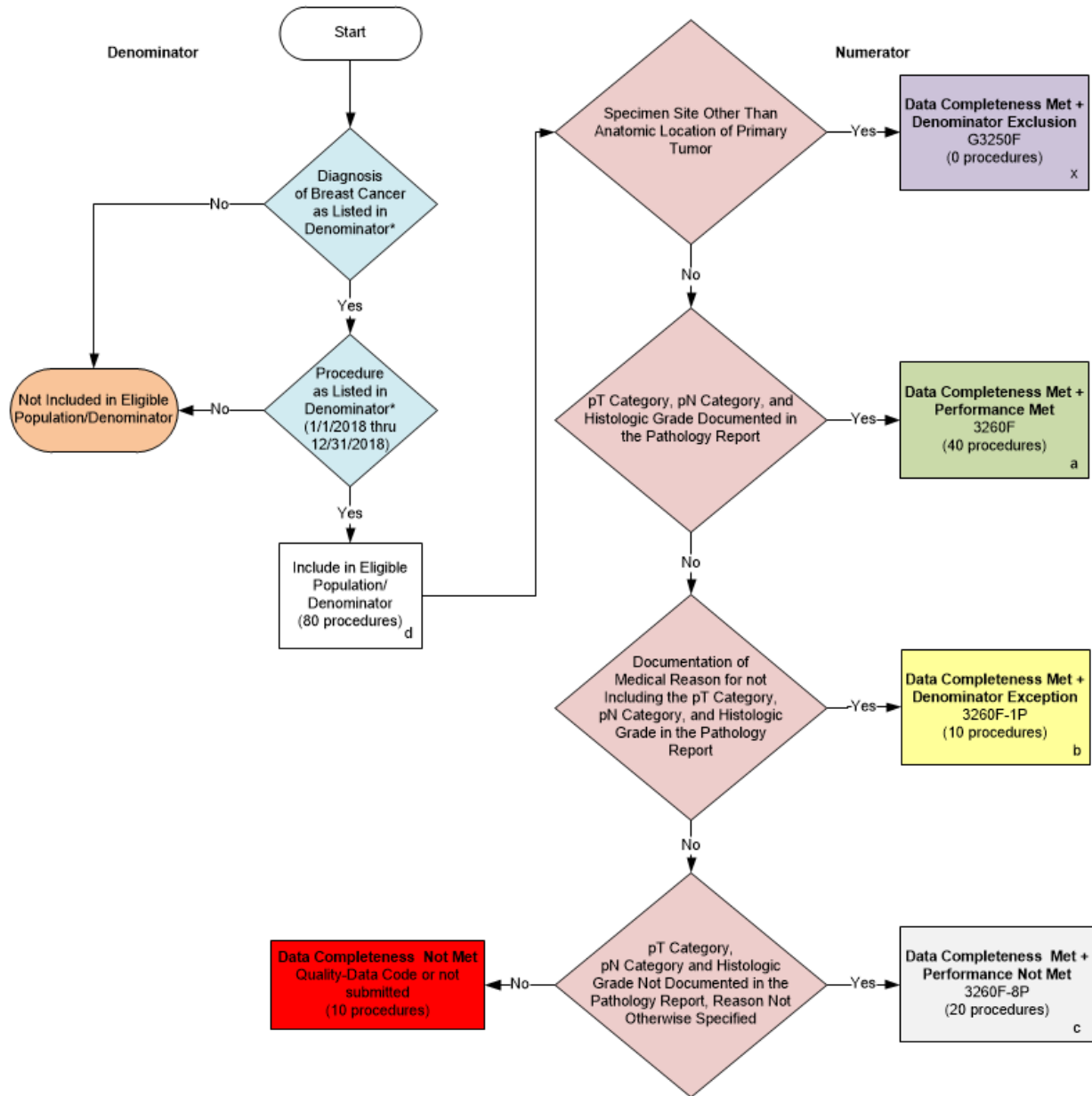
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**2018 Claims Flow for Quality ID #99 NQF #0391:
Breast Cancer Resection Pathology Reporting: pT Category (Primary Tumor) and pN Category
(Regional Lymph Nodes) with Histologic Grade**



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

NOTE: Submission Frequency: Procedure

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The measure diagrams were developed by CMS as a supplemental resource to be used in conjunction with the measure specifications. They should not be used alone or as a substitution for the measure specification.

v2

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SAMPLE CALCULATIONS:

Data Completeness=

$$\frac{\text{Denominator Exclusion (x=0 procedures)} + \text{Performance Met (a=40 procedures)} + \text{Denominator Exception (b=10 procedures)} + \text{Performance Not Met (c=20 procedures)}}{\text{Eligible Population / Denominator (d=80 procedures)}} = \frac{70 \text{ procedures}}{80 \text{ procedures}} = 87.50\%$$

Performance Rate=

$$\frac{\text{Performance Met (a=40 procedures)}}{\text{Data Completeness Numerator (70 procedures) - Denominator Exclusion (x=0 procedures) - Denominator Exception (b=10 procedures)}} = \frac{40 \text{ procedures}}{60 \text{ procedures}} = 66.67\%$$

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

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2018 Claims Flow for Quality ID

#99 NQF #0391: Breast Cancer Resection Pathology Reporting: pT Category (Primary Tumor) and pN Category (Regional Lymph Nodes) with Histologic Grade

Please refer to the specific section of the specification to identify the denominator and numerator information for use in submitting this Individual Specification. This flow is for claims data submission.

1. Start with Denominator
2. Check Patient Diagnosis:
 - a. If Diagnosis of Breast Cancer as Listed in Denominator equals No, do not include in Eligible Patient Population. Stop Processing.
 - b. If Diagnosis of Breast Cancer as Listed in Denominator equals Yes, proceed to check Procedure Performed.
3. Check Procedure Performed:
 - a. If Procedure as listed in the denominator equals No, do not include in Eligible Patient Population. Stop Processing.
 - b. If Procedure as listed in the denominator equals Yes, include in the Eligible Population.
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 procedures in the Sample Calculation.
5. Start Numerator
6. Specimen Site Other Than Anatomic Location of Primary Tumor:
 - a. If Specimen Site Other Than Anatomic Location of Primary Tumor equals Yes, include in Data Completeness Met and Denominator Exclusion.
 - b. Data Completeness Met and Denominator Exclusion letter is represented in the Data Completeness and Performance Rate in the Sample Calculation listed at the end of this document. Letter x equals 0 procedures in the Sample Calculation.
 - c. If Specimen Site Other Than Anatomic Location of Primary Tumor equals No, proceed to pT Category, pN Category and Histologic Grade Documented in the Pathology Report.
7. Check pT Category, pN Category and Histologic Grade Documented in the Pathology Report:
 - a. If pT Category, pN Category and Histologic Grade Documented in the Pathology Report equals Yes, include in Data Completeness Met and Performance Met.
 - b. 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 40 procedures in Sample Calculation.

- c. If pT Category, pN Category and Histologic Grade Documented in the Pathology Report equals No, proceed to Documentation of Medical Reason for Not Including the pT Category, PN Category and Histologic Grade Not Documented for Medical Reasons in the Pathology Report.
8. Check Documentation of Medical Reason for Not Including the pT Category, PN Category and Histologic Grade in the Pathology Report:
- a. If Documentation of Medical Reason for Not Including the pT Category, PN Category and Histologic Grade in the Pathology Report equals Yes, include in Data Completeness Met and Denominator Exception.
 - b. 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.
 - c. If Documentation of Medical Reason for Not Including the pT Category, PN Category and Histologic Grade in the Pathology Report equals No, proceed to pT Category, pN Category and Histologic Grade Not Documented in the Pathology Report, Reason Not Otherwise Specified.
9. Check pT Category, pN Category and Histologic Grade Not Documented in the Pathology Report, Reason Not Otherwise Specified:
- a. If pT Category, pN Category and Histologic Grade Not Documented in the Pathology Report, Reason Not Otherwise Specified equals Yes, include in the Data Completeness Met and Performance Not Met.
 - b. 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 20 procedures in the Sample Calculation.
 - c. If pT Category, pN Category and Histologic Grade Not Documented in the Pathology Report, Reason Not Otherwise Specified equals No, proceed to Data Completeness Not Met.
10. Check Data Completeness Not Met:
- a. If Data Completeness Not Met equals No, Quality Data Code not submitted. 10 procedures have been subtracted from Data Completeness Numerator in the Sample Calculation.

SAMPLE CALCULATIONS:

Data Completeness=

$$\frac{\text{Denominator Exclusion (x=0 procedures)+Performance Met(a=40 procedures)+Denominator Exception(b=10 procedures)+Performance Not Met(c=20 procedures)=70 procedures}}{\text{Eligible Population / Denominator (d=80 procedures)}} = 87.50\%$$

Performance Rate=

$$\frac{\text{Performance Met (a=40 procedures)}}{\text{Data Completeness Numerator (70 procedures) – Denominator Exclusion (x=0 procedures) - Denominator Exception (b=10 procedures) = 60 procedures}} = 40 \text{ procedures} = 66.67\%$$