

Measure #74: Radiation Therapy Recommended for Invasive Breast Cancer Patients Who Have Undergone Breast Conserving Surgery

DESCRIPTION:

Percentage of invasive female breast cancer patients aged 18 through 70 years old who have undergone breast conserving surgery and who have received recommendation for radiation therapy within 12 months of the first office visit

INSTRUCTIONS:

This measure is to be reported a minimum once per reporting period for female breast cancer patients at the time of the initial office visit. It is anticipated that clinicians who care for patients with invasive breast cancer and provide radiation therapy will submit this measure.

This measure is reported using G-codes:

ICD-9 diagnosis codes, CPT E/M service codes, and patient demographics (age, gender, etc.) are used to identify patients who are included in the measure's denominator. G-codes are used to report the numerator of the measure.

When reporting the measure, submit the appropriate denominator code(s) and the appropriate numerator G-code.

NUMERATOR:

Female patients with invasive breast cancer patients aged 18 to 70 years old who have undergone breast conserving surgery and who then receive recommendation for radiation therapy within 12 months of the first office visit.

Numerator Instruction: The numerator code should be reported at the time of radiation therapy services.

Definition: Radiation therapy may include external beam radiation or brachytherapy.

Numerator Coding:

Radiation Therapy Recommended

G8379: Documentation of radiation therapy recommended within 12 months of first office visit

OR

Radiation Therapy not Recommended for Documented Reasons

G8378: Clinician documentation that patient was not an eligible candidate for radiation therapy measure

OR

Radiation Therapy not Recommended

G8383: No documentation of radiation therapy recommended within 12 months of first office visit

DENOMINATOR:

All female patients aged 18 through 70 years with invasive breast cancer

Denominator Coding:

An ICD-9 diagnosis code for invasive breast cancer and a CPT E/M service code are required to identify patients for denominator inclusion.

ICD-9 diagnosis codes: 174.0, 174.1, 174.2, 174.3, 174.4, 174.5, 174.6, 174.8, 174.9

AND

CPT E/M service codes: 99241, 99242, 99243, 99244, 99245

RATIONALE:

Data from multiple large randomized trials have demonstrated that the addition of radiation after breast conserving surgery in patients with invasive breast cancer lowers the risk of local recurrence. The Oxford meta-analysis of these studies (Peto, et. al., Lancet, 2006) has also detected an improvement in overall survival with the use of radiation therapy in this setting.

CLINICAL RECOMMENDATION STATEMENTS:

Refer to the National Comprehensive Cancer Network *Breast Cancer* guideline recommendations v2.2006, BINV-2.

The National Quality Forum is in the process of approving the National Voluntary Consensus Standards for Diagnosis and Treatment of Breast and Colon Cancer, which includes a measure at the facility level for radiation therapy for patients who have had breast conserving surgery for accountability purposes.