

Management of the Axilla in Breast Cancer Patients Undergoing Breast Conserving Surgery with a Positive Sentinel Node Biopsy

National Quality Strategy Domain

- Efficiency and Cost Reduction

Measure Type

- Process of Care
- High Priority

Description

Percent of Z0011 eligible breast cancer patients who do not undergo completion axillary dissection.

Inclusion Criteria

- Women ≥ 18 years
- T1 or T2, N0, M0
- Tumor size ≤ 5 cm
- SLNB demonstrating with nodal metastatic breast cancer per frozen section, touch preparation, or hematoxylin-eosin staining
- SLNB within 60 days of invasive breast cancer diagnosis
- Treatment with lumpectomy to negative margins
- Eastern Cooperative Oncology Group/Zubrod status ≤ 2

Numerator

Number of Z0011 eligible breast cancer patients who do not undergo completion axillary dissection.

Denominator

Number of Z0011 eligible breast cancer patients.

Denominator Exceptions

Patients not meeting eligibility criteria for ACOSOG Z0011.

Rationale

Based on a randomized trial and two recent systematic reviews, most SLN-positive patients who meet the ACOSOG Z0011 eligibility criteria do not require ALND.

Clinical Recommendation Statements

A major goal of modern breast care is to minimize patient morbidity and optimize oncologic outcomes including PROs. Patient reported outcomes allow physicians to understand what processes and outcomes are important to patients, and subsequently provides a framework to facilitate change.

Date Endorsed

Initially Endorsed: Feb 26, 2015

Revised: Dec 8, 2015; Jun 20, 2017; May 16, 2018; Sep 17, 2020

- References -

1. P Giuliano AE, et al. Axillary Dissection vs No Axillary Dissection in Women With Invasive Breast Cancer and Sentinel Node Metastasis A Randomized Clinical Trial. *JAMA*, 2011: 305, p 569 and Lyman GH, et al. Sentinel lymph node biopsy for patients with early stage breast cancer: ASCO clinical practice guideline update. *J Clin Onc* 2014;32, p. 1365.
2. Lyman GH, Temin S, Edge SB, Newman LA, Turner RR, Weaver DL, Benson AB 3rd, Bosserman LD, Burstein HJ, Cody H 3rd, Hayman J, Perkins CL, Podoloff DA, Giuliano AE; American Society of Clinical Oncology Clinical Practice. Sentinel lymph node biopsy for patients with early-stage breast cancer: American Society of Clinical Oncology clinical practice guideline update. *J Clin Oncol*. 2014 May 1; 32(13):1365-83 Rao R, Euhus D, Mayo HG, Balch C. Axillary node interventions in breast cancer: a systematic review. *JAMA*. 2013 Oct 2; 310(13):1385-94.