



Measure Title: Management of the axilla in breast cancer patients undergoing breast conserving surgery with a positive sentinel node biopsy

Measure Type: Process of care, High priority

National Quality Strategy Domains: Efficiency and cost reduction

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

Denominator: Number of Z0011 eligible breast cancer patients.

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

Exclusions: Patients not meeting eligibility criteria for ACOSOG Z0011: require mastectomy; have >2 positive SLN; matted nodes; gross extra-nodal disease; Tis tumor only or T3 or T4 tumor; N1mi (nodal involvement is <2mm across and/or more than 200 cells but is not larger than 2 mm); neoadjuvant therapy; lumpectomy without radiation therapy (RT); pure lobular carcinoma in situ (LCIS) without invasive cancer

Exceptions: none

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.

Date Endorsed: February 26, 2015, Revised December 8, 2015, June 20, 2017, Revised May 16, 2018.

References: 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.

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.