The Use of Nipple-Sparing Mastectomy in Patients With Breast Cancer

Laura Long, RN, PhD

Breast cancer is the most common cancer diagnosed in women. Nipple-sparing mastectomy (NSM) offers the opportunity to preserve the breast envelope and the nipple-areolar complex by removing only breast tissue and avoiding multiple surgical procedures for reconstruction. The objective of this article is to review the oncologic and surgical concerns with NSM, along with the appropriate selection of patients and potential postoperative complications. A review of the literature was conducted through MEDLINE®, PubMed, and Google Scholar, focusing on recent research. The findings revealed that although the oncologic safety of NSM continues to be debated, indications are strong that cancer recurrence rates are low and the aesthetic motivation is high for carefully screened patients. From those findings, considerations for patient education regarding risks and expectations are described. Nurses in a variety of cancer care settings can use this information to address the concerns of patients making decisions regarding surgical options and adjusting to postoperative body image expectations and changes.

Laura Long, RN, PhD, is a nurse liaison for the VNA Care Network in Worcester, a visiting faculty member in the Academic Internship Program at the College of the Holy Cross in Worcester, and an assistant professor at Framingham State University, all in Massachusetts. The author takes full responsibility for the content of the article. The author did not receive honoraria for this work. The content of this article has been reviewed by independent peer reviewers to ensure that it is balanced, objective, and free from commercial bias. No financial relationships relevant to the content of this article have been disclosed by the author, planners, independent peer reviewers, or editorial staff. Long can be reached at laurainboston@gmail.com, with copy to editor at CJONEditor@ons.org. (Submitted June 2012. Revision submitted August 2012. Accepted for publication August 12, 2012.)

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