



2018 Breast Surgery Module: All References

Below you will find the topics and their accompanying references for the Breast Surgery module of the General Surgery Continuous Certification Assessment. References that are available open source are indicated with a green star ★ and the entire citation is a link to the open access source. References that are not available open access have a link in their PubMed ID to the abstract.

Diplomates are neither required nor expected to read all of these references before or during the completion of the assessment.

Atypical Ductal Hyperplasia

- ★ [Degnim AC, Dupont WD, Radisky DC, et al. Extent of atypical hyperplasia stratifies breast cancer risk in 2 independent cohorts of women. *Cancer*.2016;122\(19\):2971-2978.](#)
[PMID 27352219]
- ★ Degnim AC, King TA. Surgical management of high-risk breast lesions. *Surg Clin North Am*. 2013;93(2):329-340.
[PMID 23464689]
- ★ [Menes TS, Rosenberg RR, Balch S, et al. Upgrade of high-risk breast lesions detected on mammography in the Breast Cancer Surveillance Consortium. *Am J Surg*. 2014;207\(1\):24-31.](#)
[PMID 24112677]
- Racz JM, Carter JM, Degnim AC. Lobular neoplasia and atypical ductal hyperplasia on core biopsy: current surgical management recommendations. *Ann Surg Oncol*. 2017;24(10):2848-2854.
[PMID 28766203]

Axillary Sentinel Lymph Node Biopsy and Lymphadenectomy

- ★ [Donker M, van Tienhoven G, Straver ME, et al. Radiotherapy or surgery of the axilla after a positive sentinel node in breast cancer \(EORTC 10981-22023 AMAROS\): a randomised, multicenter, open-label, phase 3 non-inferiority trial. *Lancet Oncol*. 2014;15\(12\):1303-1310.](#)
[PMID 25439688]
- ★ [Giuliano AE, Ballman KV, McCall L, et al. Effect of axillary dissection vs no axillary dissection on 10-year overall survival among women with invasive breast cancer and sentinel node metastasis: the ACOSOG Z0011 \(Alliance\) randomized clinical trial. *JAMA*. 2017;318\(10\):918-926.](#)
[PMID 28898379]
- ★ [Giuliano AE, Ballman K, McCall L, et al. Locoregional recurrence after sentinel lymph node dissection with or without axillary dissection in patients with sentinel lymph node metastases: long-term follow-up from the American College of Surgeons Oncology Group \(Alliance\) ACOSOG Z0011 randomized trial. *Ann Surg*. 2016; 264\(3\):413-420.](#)
[PMID 27513155]



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- ★ [Schaapveld M, Aleman BM, van Eggermond AM, et al. Second cancer risk up to 40 years after treatment for Hodgkin's lymphoma. *N Engl J Med.* 2015;373\(26\):2499-2511.](#)
[PMID 26699166]
- ★ [Sud A. Risk of second cancer in Hodgkin lymphoma survivors and influence of family history. *J Clin Oncol.* 2017;35\(14\):1584-1590.](#)
[PMID 28384078]
- ★ [Boileau JF. Sentinel node biopsy after neoadjuvant chemotherapy in biopsy-proven node-positive breast cancer: the SN FNAC study. *J Clin Oncol.* 2015;33:258-264.](#)
[PMID 25452445]
- ★ [Boughey JC, Ballman KV, Hunt KK, et al. Axillary ultrasound after neoadjuvant chemotherapy and its impact on sentinel lymph node surgery: results from the American College of Surgeons Oncology Group Z1071 trial \(Alliance\). *J Clin Oncol.* 2015;33\(30\):3386-3393.](#)
[PMID 25646192]
- ★ [Boughey JC. Sentinel lymph node surgery after neoadjuvant chemotherapy in patients with node-positive breast cancer: the ACOSOG Z1071 \(Alliance\) clinical trial. *JAMA.* 2013;310\(14\):1455-1461.](#)
[PMID 24101169]
- ★ [Boughey JC, Ballman KV, Le-Petross HT, et al. Identification and resection of clipped node decreases the false-negative rate of sentinel lymph node surgery in patients presenting with node-positive breast cancer \(T₀-T₄, N₁-N₂\) who receive neoadjuvant chemotherapy: results from ACOSOG Z1071 \(Alliance\). *Ann Surg.* 2016;263\(4\):802-807.](#)
[PMID 26649589]

Benign Breast Disease, including Fibroadenoma and Intraductal Papilloma

- Orr B, Kelley JL. Benign breast diseases: evaluation and management. *Clin Obstet Gynecol.* 2016;59(4):710-726.
[PMID 27660928]
- ★ [Tan BY, Acs G, Apple SK, et al. Phyllodes tumours of the breast: a consensus review. *Histopathology.* 2016;68\(1\):5-21.](#)
[PMID 26768026]
- [American Society of Breast Surgeons. Consensus guidelines on concordance assessment of image-guided breast biopsies and management of borderline or high-risk lesions. Nov 2016.](#)
- [Menes TS, Rosenberg R, Balch S, et al. Upgrade of high-risk breast lesions detected on mammography in the Breast Cancer Surveillance Consortium. *Am J Surg.* 2014;207\(1\):24-31.](#)
[PMID 24112677]



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- Nakhlis F, Ahmadiyah N, Lester S, et al. Papilloma on core biopsy: excision vs. observation. *Ann Surg Oncol*. 2015;22(5):1479-1482. [\[PMID 25361885\]](#)
- Wen X, Cheng W. Nonmalignant breast papillary lesions at core-needle biopsy: a meta-analysis of underestimation and influencing factors. *Ann Surg Oncol*. 2013;20(1):94-101. [\[PMID 22878621\]](#)

Breast Biopsy

- ★ [American Society of Breast Surgeons. Performance and practice guidelines for excisional breast biopsy, November 2014.](#)
- ★ [College of American Pathologists. Protocol for the examination of specimens for patients with ductal carcinoma in situ \(DCIS\) of the breast, Version: Breast DCIS 4.1.0.0, January 2018.](#)
- ★ [Jorns JM, Visscher D, Sabel M, et al. Intraoperative frozen section analysis of margins in breast-conserving surgery significantly decreases reoperative rates: one-year experience at an ambulatory surgical center. *Am J Clin Pathol*. 2012;138\(5\):657-669.](#) [\[PMID 23086766\]](#)
- Riedl O, Fitzal F, Mader N, et al. Intraoperative frozen section analysis for breast-conserving therapy in 1016 patients with breast cancer. *Eur J Surg Oncol*. 2009;35(3):264-270. [\[PMID 18706785\]](#)
- ★ [American Society of Breast Surgeons. Consensus guidelines on image-guided percutaneous biopsy of palpable and nonpalpable breast lesions. Nov 2017.](#)
- Garg S, Mohan H, Bal A, et al. A comparative analysis of code needle biopsy and fine-needle aspiration cytology in the evaluation of palpable and mammographically detected suspicious breast lesions. *Diagn Cytopathol*. 2007;35(11):681-689. [\[PMID 17924407\]](#)
- ★ [Leifland K, Lagerstedt U, Svane G. Comparison of stereotactic fine-needle aspiration cytology and core needle biopsy in 522 nonpalpable breast lesions. *Acta Radiol*. 2003;44\(4\):387-391.](#) [\[PMID 12846688\]](#)
- ★ [Willems SM, van Deurzen CHM, van Diest PJ. Diagnosis of breast lesions: fine-needle aspiration cytology or core needle biopsy? A review. *J Clin Pathol*. 2012;65\(4\):287-292.](#) [\[PMID 22039282\]](#)

Breast Cancer, Hereditary

- National Comprehensive Cancer Network Guidelines in Oncology. Genetic/Familial High-Risk Assessment: Breast and Ovarian Cancer. [Version 2.2019.](#)



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- ★ [Krop I, Ismaila N, Andre F, et al. Use of biomarkers to guide decisions on adjuvant systemic therapy for women with early-stage invasive breast cancer: American Society of Clinical Oncology Practice Guideline Focused Update. *J Clin Oncol*. 2017;35\(24\):2838-2847.](#)
[PMID 28692382]

Breast Cancer, Inflammatory

- ★ [Cardoso F. ESO-ESMO 2nd international consensus guidelines for advanced breast cancer \(ABC2\). *Ann Oncol*. 2014;25\(10\):1871-1888.](#)
[PMID 25234545]
- ★ [Dawood S. International expert panel on inflammatory breast cancer: consensus statement for standardized diagnosis and treatment. *Ann Oncol*. 2011;22\(3\):515-523.](#)
[PMID 20603440]
- ★ [Rueth NM. Underuse of trimodality treatment affects survival for patients with inflammatory breast cancer: an analysis of treatment and survival trends from the National Cancer Database. *J Clin Oncol*. 2014;32\(19\):2018-2024.](#)
[PMID 24888808]

Breast Cancer, Invasive Carcinoma (Ductal, Lobular, All Variants)

- ★ [Donker M, van Tienhoven G, Straver ME, et al. Radiotherapy or surgery of the axilla after a positive sentinel node in breast cancer \(EORTC 10981-22023 AMAROS\): a randomised, multicentre, open-label, phase 3 non-inferiority trial. *Lancet Oncol*. 2014;15\(12\):1303-1310.](#)
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- ★ [Recht A, Comen EA, Fine RE, et al. Postmastectomy radiotherapy: an American Society of Clinical Oncology, American Society for Radiation Oncology, and Society of Surgical Oncology focused guideline update. *J Clin Oncol*. 2016;34\(36\):4431-4442.](#)
[PMID 27646947]
- ★ [Poleszczuk J, Luddy K, Chen L, et al. Neoadjuvant radiotherapy of early-stage breast cancer and long-term disease-free survival. *Breast Cancer Res*. 2017;19:75.](#)
[PMID 28666457]
- ★ [National Comprehensive Cancer Network. Breast Cancer, Version 4.2017, NCCN Clinical Practice Guidelines in Oncology.](#)
[PMID 29523670]
- ★ [Zhang B, Hurvitz S. Long-term outcomes on neoadjuvant treatment of HER-2-positive breast cancer. *Clin Adv Hematol Oncol*. 2016;14\(7\).](#)
[PMID 27379947]



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- ★ [Krop I, Ismaila N, Andre F, et al. Use of biomarkers to guide decisions on adjuvant systemic therapy for women with early-stage invasive breast cancer. American Society of Clinical Oncology Clinical Practice Focused Update. *J Clin Oncol*. 2017;35\(24\):2838-2847.](#)
[PMID 28692382]

Breast Cancer, Non-invasive Carcinoma

- ★ [Morrow M, Van Zee KJ, Solin LJ, et al. Society of Surgical Oncology-American Society for Radiation Oncology-American Society of Clinical Oncology consensus guideline on margins for breast-conserving surgery with whole-breast irradiation in ductal carcinoma in situ. *J Clin Oncol*. 2016;34\(33\):4040-4046.](#)
[PMID 27528719]
- Tang SS, Kaptanis S, Haddow JB et al, Current margin practice and effect on re-excision rates following the publication of the SSO-ASTRO consensus and ABS consensus guidelines: a national prospective study of 2858 women undergoing breast-conserving therapy in the UK and Ireland. *Eur J Cancer*. 2017;84:315-324.
[PMID 28865259]

Breast Cancer Surveillance

- ★ [Khatcheressian JL, Hurley P, Bantug E, et al. Breast cancer follow-up and management after primary treatment: American Society of Clinical Oncology clinical practice guideline update. *J Clin Oncol*. 2013;31\(7\):961-965.](#)
[PMID 23129741]
- ★ [Montgomery DA, Krupa K, Jack WJL, et al. Changing pattern of the detection of locoregional relapse in breast cancer: the Edinburgh experience. *Br J Cancer*. 2007;96\(12\):1802-1807.](#)
[PMID 17533401]
- ★ [National Comprehensive Cancer Network. Breast Cancer, Version 4.2017, NCCN Clinical Practice Guidelines in Oncology.](#)
[PMID 29523670]

Breast Mass Evaluation

- ★ [American Society of Breast Surgeons. Consensus guideline on image-guided percutaneous biopsy of palpable and nonpalpable breast lesions. Nov 2017.](#)



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- Linebarger JH, Landercasper J, Ellis RL, et al. Core needle biopsy rate for new cancer diagnosis in an interdisciplinary breast center: evaluation of quality of care 2007-2008. *Ann Surg.* 2012;255(1):38-43.
[PMID 22167007]
- ★ [American Society of Breast Surgeons. Consensus guidelines on concordance assessment of image-guided breast biopsies and management of borderline or high-risk lesions. November 2016.](#)
- Kuerer HM, ed. Kuerer's Breast Surgical Oncology. Section III: Imaging. New York, NY: McGraw-Hill Medical; 2010.
- Landercasper J, Linebarger JH. Contemporary breast imaging and concordance assessment: a surgical perspective. *Surg Clin North Am.* 2011;91(1):33-58.
[PMID 21184900]

Genetic/Genomic Testing

- Berliner JL, Fay AM. Risk assessment and genetic counseling for hereditary breast and ovarian cancer: recommendations of the National Society of Genetic Counselors. *J Genet Couns.* 2007;16(3):241-260.
[PMID 17508274]
- National Comprehensive Cancer Network Guidelines in Oncology. Genetic/Familial High-Risk Assessment: Breast and Ovarian Cancer. [Version 2.2019.](#)

Lymphedema/Lymphangitis

- DiSipio T, Rye S, Newman B, et al. Incidence of unilateral arm lymphoedema after breast cancer: a systematic review and meta-analysis. *Lancet Oncol.* 2013;14(6):500-515.
[PMID 23540561]
- Doscher ME, Schreiber JE, Weichman KE, Garfein ES. Update on post-mastectomy lymphedema management. *Breast J.* 2016;22(5):553-560.
[PMID 27375223]
- Zimmermann A, Wozniowski M, Szklarska A, et al. Efficacy of manual lymphatic drainage in preventing secondary lymphedema after breast cancer surgery. *Lymphology.* 2012;45(3):103-112.
[PMID 23342930]

Mammographic Abnormalities

- ★ [Collins LC, Aroner S, Connelly JL, et al. Breast cancer risk by extent and type of atypical hyperplasia: an update from the Nurses' Health Studies. *Cancer.* 2016;122:515-520.](#)
[PMID 26565738]



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- ★ [Degnim AC, Dupont WD, Radisky DC, et al. Extent of atypical hyperplasia stratifies breast cancer risk in 2 independent cohorts of women. *Cancer*. 2016;122:2971-2978. .](#)

[PMID 27352219]

Pleural Effusion/Empyema

- Asciak R, Rahman NM. Malignant pleural effusion: from diagnostics to therapeutics. *Clin Chest Med*. 2018;39(1):181-193.

[[PMID 29433714](#)]

- ★ [Okumu RA, Muiva M, Wagaro M, et al. Association between socioeconomic and psychological experiences of parents with children on leukemia treatment in Kenyatta National Hospital, Kenya. *Asia Pac J Oncol Nurs*. 2017;4\(1\):38-44.](#)

[PMID 28217728]

- ★ [Light RW. *Respirology*. 2011;16\(2\):244-248.](#)

[PMID 21166742]