



2022 Breast Module: All References

Below you will find the topics and their accompanying references for the 2022 Breast Module for the General Surgery Continuous Certification Assessment. **Diplomates are neither required nor expected to read all of these references before or during the completion of the assessment.** The Key References are marked with a yellow star ★ below.

Please note that the American Board of Surgery (ABS) provides as many open-access articles to our diplomates as possible. While you are completing your assessment, many Key References will have a direct link to an article PDF purchased by the ABS in the exam platform. Due to limited permissions, we cannot provide links to article PDFs on this Reference Document, as it is not hosted on a secure browser. Article links on this document will take you to the journal page (website). We cannot guarantee that all article links will be open access.

Atypical Lobular Hyperplasia and Lobular Carcinoma *In Situ*

- ★ Breast cancer screening and diagnosis (Version 1.2022). National Comprehensive Cancer Network. Published June 2, 2022. Accessed August 3, 2022. https://www.nccn.org/professionals/physician_gls/pdf/breast-screening.pdf
- Kader T, Hill P, Rakha EA, Campbell IG, Goringe KL. Atypical ductal hyperplasia: update on diagnosis, management, and molecular landscape. *Breast Cancer Res.* 2018;20(1):39. [PMID: [29720211](#)]
- 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 Management

- Caudle AS, Yang WT, Krishnamurthy S, et al. Improved axillary evaluation following neoadjuvant therapy for patients with node-positive breast cancer using selective evaluation of clipped nodes: implementation of targeted axillary dissection. *J Clin Oncol.* 2016;34(10):1072-1078. [PMID: [26811528](#)]
- ★ Currey A, Patten CR, Bergom C, Wilson JF, Kong AL. Management of the axilla after neo-adjuvant chemotherapy for breast cancer: sentinel node biopsy and radiotherapy considerations. *Breast J.* 2018;24(6):902-910. [PMID: [30255534](#)]
- 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. [PMID: [25439688](#)]
- Grossmith S, Nguyen A, Hu J, et al. Multidisciplinary management of the axilla in patients with cT1-T2 N0 breast cancer undergoing primary mastectomy: results from a



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prospective single-institution series. *Ann Surg Oncol*. 2018;25(12):3527-3534. [PMID: [29868979](#)]

- ★ Kantor O, Means J, Grossmith S, et al. Optimizing axillary management in clinical T1-2N0 mastectomy patients with positive sentinel lymph nodes. *Ann Surg Oncol*. 2022;29(2):972-980. [PMID: [34467507](#)]
- Pilewskie M, Morrow M. Axillary nodal management following neoadjuvant chemotherapy: a review. *JAMA Oncol*. 2017;3(4):549-555. [PMID: [27918753](#)]
- Weiss A, Lin H, Babiera GV, et al. Evolution in practice patterns of axillary management following mastectomy in patients with 1-2 positive sentinel nodes. *Breast Cancer Res Treat*. 2019;176(2):435-444. [PMID: [31025270](#)]

Benign Breast Disease, Fat Necrosis

- Kerridge WD, Kryvenko ON, Thompson A, Shah BA. Fat necrosis of the breast: a pictorial review of the mammographic, ultrasound, CT, and MRI findings with histopathologic correlation. *Radiol Res Pract*. 2015;2015:613139. [PMID: [25861475](#)]
- ★ Tayyab SJ, Adrada BE, Rauch GM, Yang WT. A pictorial review: multimodality imaging of benign and suspicious features of fat necrosis in the breast. *Br J Radiol*. 2018;91(1092):20180213. [PMID: [29987981](#)]

Benign Breast Disease, Fibroepithelial Lesions

- ★ Krings G, Bean GR, Chen YY. Fibroepithelial lesions; the WHO spectrum. *Semin Diagn Pathol*. 2017;34(5):438-452. [PMID: [28688536](#)]
- Yang X, Kandil D, Cosar EF, Khan A. Fibroepithelial tumors of the breast: pathologic and immunohistochemical features and molecular mechanisms. *Arch Pathol Lab Med*. 2014;138(1):25-36. [PMID: [24377809](#)]

Benign Breast Disease, Fibrocystic Breast Changes

- ★ Berg WA, Sechtin AG, Marques H, Zhang Z. Cystic breast masses and the ACRIN 6666 experience. *Radiol Clin North Am*. 2010;48(5):931-987. [PMID: [20868895](#)]
- Stachs A, Stubert J, Reimer T, Hartmann S. Benign breast disease in women. *Dtsch Arztebl Int*. 2019;116(33-34):565-574. [PMID: [31554551](#)]

Breast Cancer, Inflammatory

- ★ Adesoye T, Lucci A. Current surgical management of inflammatory breast cancer. *Ann Surg Oncol*. 2021;28(10):5461-5467. [PMID: [34346020](#)]



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- ★ Daly MB, Pal T, Berry MP, et al. Genetic/familial high-risk assessment: breast, ovarian, and pancreatic, Version 2.2021, NCCN Clinical Practice Guidelines in Oncology. *J Natl Compr Canc Netw*. 2021;19(1):77-102. [PMID: [33406487](#)]
- Dawood S, Merajver SD, Viens P, et al. International expert panel on inflammatory breast cancer: consensus statement for standardized diagnosis and treatment. *Ann Oncol*. 2011;22(3):515-523. [PMID: [20603440](#)]
- DeSnyder SM, Mittendorf EA, Le-Petross C, et al. Prospective feasibility trial of sentinel lymph node biopsy in the setting of inflammatory breast cancer. *Clin Breast Cancer*. 2018;18(1):e73-e77. [PMID: [28755879](#)]

Breast Cancer, Invasive Carcinoma

- Breast cancer (Version 3.2022). National Comprehensive Cancer Network. Accessed August 3, 2022. <https://www.nccn.org/guidelines/guidelines-detail?category=1&id=1419>
- Genetic/familial high-risk assessment: breast, ovarian, and pancreatic (Version 2.2022). National Comprehensive Cancer Network. Accessed August 3, 2022. <https://www.nccn.org/guidelines/guidelines-detail?category=2&id=1503>
- ★ Korde LA, Somerfield MR, Carey LA, et al. Neoadjuvant chemotherapy, endocrine therapy, and targeted therapy for breast cancer: ASCO guideline. *J Clin Oncol*. 2021;39(13):1485-1505. [PMID: [33507815](#)]
- Kuerer HM, Smith BD, Chavez-MacGregor M, et al. DCIS margins and breast conservation: MD Anderson Cancer Center multidisciplinary practice guidelines and outcomes. *J Cancer*. 2017;8(14):2653-2662. [PMID: [28928852](#)]
- ★ Pilewskie M, Morrow M. Margins in breast cancer: how much is enough? *Cancer*. 2018;124(7):1335-1341. [PMID: [29338088](#)]
- Schmid P, Cortes J, Dent R, et al. Event-free survival with pembrolizumab in early triple-negative breast cancer. *N Engl J Med*. 2022;386(6):556-567. [PMID: [35139274](#)]
- Schmid P, Cortes J, Pusztai L, et al. Pembrolizumab for early triple-negative breast cancer. *N Engl J Med*. 2020;382(9):810-821. [PMID: [32101663](#)]

Breast Cancer, Male

- ★ Daly MB, Pal T, Berry MP, et al. Genetic/familial high-risk assessment: breast, ovarian, and pancreatic, Version 2.2021, NCCN Clinical Practice Guidelines in Oncology. *J Natl Compr Canc Netw*. 2021;19(1):77-102. [PMID: [33406487](#)]

Breast Cancer, Paget's Disease of the Nipple



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- ★ Marcus E. The management of Paget's disease of the breast. *Curr Treat Options Oncol.* 2004;5(2):153-160. [PMID: [14990209](#)]
- Sandoval-Leon AC, Drews-Elger K, Gomez-Fernandez CR, Yepes MM, Lippman ME. Paget's disease of the nipple. *Breast Cancer Res Treat.* 2013;141(1):1-12. [PMID: [23929251](#)]

Granulomatous Mastitis

- ★ Barreto DS, Sedgwick EL, Nagi CS, Benveniste AP. Granulomatous mastitis: etiology, imaging, pathology, treatment, and clinical findings. *Breast Cancer Res Treat.* 2018;171(3):527-534. [PMID: [29971624](#)]

Mastectomy

- Davies KR, Cantor SB, Brewster AM. Better contralateral breast cancer risk estimation and alternative options to contralateral prophylactic mastectomy. *Int J Womens Health.* 2015;7:181-187. [PMID: [25678823](#)]
- ★ Montagna G, Morrow M. Contralateral prophylactic mastectomy in breast cancer: what to discuss with patients. *Expert Rev Anticancer Ther.* 2020;20(3):159-166. [PMID: [32077338](#)]

Mondor's Disease

- Amano M, Shimizu T. Mondor's disease: a review of the literature. *Intern Med.* 2018;57(18):2607-2612. [PMID: [29780120](#)]
- ★ Salemis NS, Merkouris S, Kimpouri K. Mondor's disease of the breast. A retrospective review. *Breast Dis.* 2011;33(3):103-107. [PMID: [22377612](#)]

Nipple Discharge

- Expert Panel on Breast Imaging: Lee SJ, Trikha S, et al. ACR Appropriateness Criteria® evaluation of nipple discharge. *J Am Coll Radiol.* 2017;14(5S):S138-S153. [PMID: [28473070](#)]
- ★ Gupta D, Mendelson EB, Karst I. Nipple discharge: current clinical and imaging evaluation. *AJR Am J Roentgenol.* 2021;216(2):330-339. [PMID: [33295815](#)]

Palpable/Non-palpable Breast Lesions

- ★ American Society of Breast Surgeons. Consensus statement on image-guided percutaneous biopsy of palpable and nonpalpable breast lesions. *Breast Surgeons.*



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- Verkooijen HM; Core Biopsy After Radiological Localisation (COBRA) Study Group. Diagnostic accuracy of stereotactic large-core needle biopsy for nonpalpable breast disease: results of a multicenter prospective study with 95% surgical confirmation. *Int J Cancer*. 2002;99(6):853-859. [PMID: [12115488](#)]

Phyllodes Tumors

- Ditsatham C, Chongruksut W. Phyllodes tumor of the breast: diagnosis, management and outcome during a 10-year experience. *Cancer Manag Res*. 2019;11:7805-7811. [PMID: [31695485](#)]
- ★ Rosenberger LH, Thomas SM, Nimbkar SN, et al. Contemporary multi-institutional cohort of 550 cases of phyllodes tumors (2007-2017) demonstrates a need for more individualized margin guidelines. *J Clin Oncol*. 2021;39(3):178-189. [PMID: [33301374](#)]

Postmastectomy Reconstruction Options

- Bennett KG, Qi J, Kim HM, Hamill JB, Pusic AL, Wilkins EG. Comparison of 2-year complication rates among common techniques for postmastectomy breast reconstruction. *JAMA Surg*. 2018;153(10):901-908. [PMID: [29926077](#)]
- ★ Erdmann-Sager J, Wilkins EG, Pusic AL, et al. Complications and patient-reported outcomes after abdominally based breast reconstruction: results of the mastectomy reconstruction outcomes consortium study. *Plast Reconstr Surg*. 2018;141(2):271-281. [PMID: [29019862](#)]