

Citation Attachment for Breast Cancer Screening Episode-Based Cost Measure

This document includes the complete list of citations that supplement the information provided in the MUC submission for the type of evidence used to support the Breast Cancer Screening episode-based cost measure.

Clinical guidelines or USPSTF

“ACS Breast Cancer Screening Guidelines.” *American Cancer Society*, 19 Dec. 2023, <https://www.cancer.org/cancer/types/breast-cancer/screening-tests-and-early-detection/american-cancer-society-recommendations-for-the-early-detection-of-breast-cancer.html>

Peer-Reviewed Systematic Review

Elmore, Joann G et al. “Screening for breast cancer.” *JAMA* vol. 293,10 (2005): 1245-56. doi:10.1001/jama.293.10.1245

Baron, Roy C et al. “Intervention to increase recommendation and delivery of screening for breast, cervical, and colorectal cancers by healthcare providers a systematic review of provider reminders.” *American journal of preventive medicine* vol. 38,1 (2010): 110-7. doi:10.1016/j.amepre.2009.09.031

Posso, Margarita et al. “Effectiveness and cost-effectiveness of double reading in digital mammography screening: A systematic review and meta-analysis.” *European journal of radiology* vol. 96 (2017): 40-49. doi:10.1016/j.ejrad.2017.09.013

Doubeni, Chyke A et al. “Timely follow-up of positive cancer screening results: A systematic review and recommendations from the PROSPR Consortium.” *CA: a cancer journal for clinicians* vol. 68,3 (2018): 199-216. doi:10.3322/caac.21452

Nelson, Heidi D et al. “Harms of Breast Cancer Screening: Systematic Review to Update the 2009 U.S. Preventive Services Task Force Recommendation.” *Annals of internal medicine* vol. 164,4 (2016): 256-67. doi:10.7326/M15-0970

Sun, Li et al. “Global treatment costs of breast cancer by stage: A systematic review.” *PloS one* vol. 13,11 e0207993. 26 Nov. 2018, doi:10.1371/journal.pone.0207993

Miller, D et al. “Interventions for relieving the pain and discomfort of screening mammography.” *The Cochrane database of systematic reviews* vol. 2008,1 CD002942. 23 Jan. 2008, doi:10.1002/14651858.CD002942.pub2

Peer-Reviewed Original Research

The searches were conducted in 2022, 2023, and 2024 using the Google Scholar, Science Direct, and PubMed databases. Keywords and search terms used included but were not limited to: breast cancer, mammography, screening, breast cancer treatment, breast cancer diagnosis, recall rate, biopsy, Medicare, American College of Radiology, clinical guidelines, BI-RADs. The search result was limited to articles that were written in English. The database searches were complemented with manual review of the reference lists of relevant articles, which results in a few additional articles found. The list of articles are as follows:

Hussain, Shehr, et al. “The Breast Imaging Medical Audit: What the Radiologist Needs to Know.” *Contemporary Diagnostic Radiology*, vol. 44, no. 8, 15 Apr. 2021, pp. 1–5, <https://doi.org/10.1097/01.cdr.0000741868.68828.ef>.

Onega, Tracy, et al. “Multi-level Influences on Breast Cancer Screening in Primary Care.” *Journal of General Internal*

Medicine, vol. 33, 3 Aug. 2018, pp. 1729–1737, <https://doi.org/10.1007/s11606-018-4560-1>.

Ekpo, Ernest Usang et al. "Errors in Mammography Cannot be Solved Through Technology Alone." *Asian Pacific journal of cancer prevention : APJCP* vol. 19,2 291-301. 26 Feb. 2018, doi:10.22034/APJCP.2018.19.2.291

Lee, Cindy S et al. "Radiologist Characteristics Associated with Interpretive Performance of Screening Mammography: A National Mammography Database (NMD) Study." *Radiology* vol. 300,3 (2021): 518-528. doi:10.1148/radiol.2021204379

Mohd Norsuddin, Norhashimah et al. "Radiologists' Performance at Reduced Recall Rates in Mammography: A Laboratory Study." *Asian Pacific journal of cancer prevention : APJCP* vol. 20,2 537-543. 26 Feb. 2019, doi:10.31557/APJCP.2019.20.2.537

Buist, Diana S M et al. "Breast cancer screening outreach effectiveness: Mammogram-specific reminders vs. comprehensive preventive services birthday letters." *Preventive medicine* vol. 102 (2017): 49-58. doi:10.1016/j.ypmed.2017.06.028

Vidal, C et al. "Use of Text-Message Reminders to Improve Participation in a Population-Based Breast Cancer Screening Program." *Journal of Medical Systems* vol. 38,9 (2014): 118. doi:10.1007/s10916-014-0118-x

Pai, Vidya R, and Murray Rebner. "How to Minimize Patient Anxiety from Screening Mammography." *Journal of Breast Imaging*, vol. 3, no. 5, 15 Aug. 2021, pp. 603–606, <https://doi.org/10.1093/jbi/wbab057>.

Lee, Jiyon et al. "Direct Interactive Public Education by Breast Radiologists About Screening Mammography: Impact on Anxiety and Empowerment." *Journal of the American College of Radiology : JACR* vol. 13,11S (2016): R89-R97. doi:10.1016/j.jacr.2016.09.033

Randel, Stacy. "Mammograms: Reducing Patient Anxiety." *Radiologic technology* vol. 87,6 (2016): 707-9.

Zavotsky, Kathleen Evanovich et al. "The effects of music on pain and anxiety during screening mammography." *Clinical journal of oncology nursing* vol. 18,3 (2014): E45-9. doi:10.1188/14.CJON.E45-E49

Miglioretti, Diana L et al. "When radiologists perform best: the learning curve in screening mammogram interpretation." *Radiology* vol. 253,3 (2009): 632-40. doi:10.1148/radiol.2533090070

Geller, Berta M et al. "Educational interventions to improve screening mammography interpretation: a randomized controlled trial." *AJR. American journal of roentgenology* vol. 202,6 (2014): W586-96. doi:10.2214/AJR.13.11147

Lowry, Kathryn P et al. "Screening Performance of Digital Breast Tomosynthesis vs Digital Mammography in Community Practice by Patient Age, Screening Round, and Breast Density." *JAMA network open* vol. 3,7 e2011792. 1 Jul. 2020, doi:10.1001/jamanetworkopen.2020.11792

Houssami, Nehmat et al. "Breast screening using 2D-mammography or integrating digital breast tomosynthesis (3D-mammography) for single-reading or double-reading--evidence to guide future screening strategies." *European journal of cancer (Oxford, England : 1990)* vol. 50,10 (2014): 1799-1807. doi:10.1016/j.ejca.2014.03.017

Santos Aragon, Lourdes Noemi, and Dafne Soto-Trujillo. "Effectiveness of Tomosynthesis Versus Digital Mammography in the Diagnosis of Suspicious Lesions for Breast Cancer in an Asymptomatic Population." *Cureus* vol. 13,3 e13838. 11 Mar. 2021, doi:10.7759/cureus.13838

Taylor-Phillips, Sian, and Chris Stinton. "Double reading in breast cancer screening: considerations for policy-making." *The British journal of radiology* vol. 93,1106 (2020): 20190610. doi:10.1259/bjr.20190610

Duijm, Lucien E M et al. "Independent double reading of screening mammograms in The Netherlands: effect of arbitration following reader disagreements." *Radiology* vol. 231,2 (2004): 564-70. doi:10.1148/radiol.2312030665

Coolen, Angela M P et al. "Impact of the second reader on screening outcome at blinded double reading of digital screening mammograms." *British journal of cancer* vol. 119,4 (2018): 503-507. doi:10.1038/s41416-018-0195-6

Chen, Yan et al. "Performance of Radiologists and Radiographers in Double Reading Mammograms: The UK National Health Service Breast Screening Program." *Radiology* vol. 306,1 (2023): 102-109. doi:10.1148/radiol.212951

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- Rauscher, Garth H et al. "The "Sweet Spot" Revisited: Optimal Recall Rates for Cancer Detection With 2D and 3D Digital Screening Mammography in the Metro Chicago Breast Cancer Registry." *AJR. American journal of roentgenology* vol. 216,4 (2021): 894-902. doi:10.2214/AJR.19.22429
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- Bevers, Therese B et al. "Breast Cancer Screening and Diagnosis, Version 3.2018, NCCN Clinical Practice Guidelines in Oncology." *Journal of the National Comprehensive Cancer Network : JNCCN* vol. 16,11 (2018): 1362-1389. doi:10.6004/jnccn.2018.0083
- Lynge, Elsebeth, et al. "Overdiagnosis in breast cancer screening." *Translational Cancer Research*, vol. 7, no. 5, 31 Oct. 2018, pp. 1313–1318, <https://doi.org/10.21037/tcr.2018.09.03>.
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roentgenology vol. 214,2 (2020): 316-323. doi:10.2214/AJR.19.22205

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Morris, Elizabeth et al. "Implications of Overdiagnosis: Impact on Screening Mammography Practices." *Population health management* vol. 18 Suppl 1,Suppl 1 (2015): S3-11. doi:10.1089/pop.2015.29023.mor