



References:

1. Niklason LT, Christian BT, Niklason LE, *et al.*, Digital tomosynthesis in breast imaging. *Radiology* 1997;205(2):399–406.
2. Sechopoulos I. A review of breast tomosynthesis. Part I. The image acquisition process. *Med Phys* 2013;40(1):014301.
3. Conant EF. Clinical implementation of digital breast tomosynthesis. *Radiol Clin North Am* 52(3), May 2014.
4. Skaane, P., Bandos A.I., Gullien R., *et al.* Comparison of digital mammography alone and digital mammography plus tomosynthesis in a population-based screening program. *Radiology*, 2013. 267(1): p. 47-56.
5. Ciatto S., Houssami N, Bernardi D, *et al.*, Integration of 3D digital mammography with tomosynthesis for population breast-cancer screening (STORM): a prospective comparison study. *Lancet Oncol*, 2013. 14(7): p. 583-9.
6. Rose S.L., Tidwell A.L., Bujnoch L.J., *et al.* Implementation of breast tomosynthesis in a routine screening practice: an observational study. *AJR Am J Roentgenol*, 2013. 200(6): p. 1401-8.
7. Friedewald S.M., Rafferty EA., Rose SL., *et al.*, Breast cancer screening using tomosynthesis in combination with digital mammography. *JAMA*, 2014. 311(24): p. 2499-507.
8. McCarthy A.M., Kontos D., Synnestvedt M., *et al.*, Screening outcomes following implementation of digital breast tomosynthesis in a general-population screening program. *J Natl Cancer Inst*, 2014. 106(11).
9. Durand M.A., Haas BM, Xiapan Y., *et al.* Early Clinical Experience with Digital Breast Tomosynthesis for Screening Mammography. *Radiology*, 2014: p. 1313-19.
10. Lourenco, A.P. Barry-Brooks M., Baird G.L., Tuttle A., Mainiero M.B. Changes in Recall Type and Patient Treatment Following Implementation of Screening Digital Breast Tomosynthesis. *Radiology*, 2014: p. 1403-17.



11. Haas B.M., Kalr V., Geisel J., *et al.* Comparison of tomosynthesis plus digital mammography and digital mammography alone for breast cancer screening. *Radiology*, 2013. 269(3): p. 694-700.
12. McDonald ES, Oustimov A, Weinstein SP, Synnestvedt M, Schnall M, Conant EF. Effectiveness of digital breast tomosynthesis compared with digital mammography: Outcomes analysis from 3 years of breast cancer screening. *JAMA Onc.* 2(6): 1-7, 2016
13. Conant EF, Beaber EF, Sprague BL, Herschorn SD, Weaver DL, Onega T, Tosteson ANA, McCarthy AM, Poplack SP, Haas JS, Armstrong K, Schnall MD, Barlow WE. Breast cancer screening using tomosynthesis in combination with digital mammography compared to digital mammography alone: a cohort study within the PROSPR consortium. *Breast Cancer Res Treat.* 2016 Feb;156(1):109-16.
14. Rafferty EA, Durand MA, Conant EF, Copit DS, Friedewald SM, Plecha DM, Miller MS. Breast Cancer Screening Using Tomosynthesis and Digital Mammography in Dense and Non-Dense Breasts. *JAMA* epub 4/26
15. Tagliafico AS, Calabrese M, Mariscotti, G, Durando M, Tosta S, Monetti F, Airaldi S, Bignotti B, Nori J, Bagni A, Signori A, Sormani MP, Houssami N. Adjunct Screening with Tomosynthesis or Ultrasound in Women with Mammography-Negative Dense Breasts: Interim Report of a Prospective Comparative Trial. Epub March 9, 2016.
16. Skaane P, Bandos AI, Eben EB, Jepsen IN, Krager M, Haakenaasen U, Ekseth U, Izadi M, Hofvind S, Gullien R. Two-view digital breast tomosynthesis screening with synthetically reconstructed projection images: comparison with digital breast tomosynthesis with full-field digital mammographic images. *Radiology.* 2014;271(3):655-63.
17. Gilbert FJ, Tucker LT, Gillan, MGC, Wilsher P, Cooke J, Duncan KA, Michell MJ, Dobson HM, Lim YY, Suaris T, Astley SM, Morrish O, Yond KC, Duffy SW. Accuracy of Digital Breast Tomosynthesis for Depicting Breast Cancer Subgroups in a UK Retrospective Reading Study (TOMMY Trial). *Radiol* 2015;277(3):697-706.
18. Choi JS, Han B, Ko EY, Ko ES, Hahn SY, Shin JH, Kim MJ. Comparison between two-dimensional synthetic mammography reconstructed from digital breast tomosynthesis and full-field digital mammography for the detection of T1 breast cancer. *Eur Radiol* 2015.online Dec 2015.



19. Zuckerman SP, Conant EF, Keller BM, Maidment ADA, Barufaldi B, Weinstein SP, Synnestvedt M, McDonald ES. Implementation of Synthesized 2D Mammography in a Population-based Digital Breast Tomosynthesis Screening Program. Radiol 2017 in press (epub Aug 2016).
20. Poplack S, Tosteson T, Kogel C, Nagy H. Digital breast tomosynthesis: initial experience in 98 women with abnormal digital screening mammography. AJR, Am J Roentgenol 2007;189(3):616-623
21. Brandt KR, Craig DA, Hoskins TL, Henrichsen TL, Bendel EC, Brandt SR, Mandrekar J. Can digital breast tomosynthesis replace conventional diagnostic mammography views for screening recalls without calcifications? A comparison study in a simulated clinical setting. AJR, Am J Roentgenol 2013;200(2):291-298
22. Waldherr C, Cerny P, Altermatt HJ, et al. Value of one-view breast tomosynthesis versus two-view mammography in diagnostic workup of women with clinical signs and symptoms and in women recalled from screening. AJR Am J Roentgenol 2013; 200(1):226–231
23. Noroozian M, Hadjiiski L, Rahnama-Moghadam S, Klein KA, Jeffries DO, Pinsky RW, Chan HP, Carson P, Helvie M, Roubidoux, M. Digital breast tomosynthesis is comparable to mammographic spot views for mass characterization. Radiology 2012;262(1):61-68.
24. Tagliafico A, Astengo D, Cavagnetto F, et al. One-to-one comparison between digital spot compression view and digital breast tomosynthesis. Eur Radiol 2012;22(3):539-544
25. Zuley M, Bandos AI, Ganott MA, Sumkin JH, Kelly AE, Catullo VJ, Rathfon GY, Lu AH, Gur D. Digital breast tomosynthesis versus supplemental diagnostic mammographic views for evaluation of noncalcified breast lesions. Radiology 2013;266(1):89-95
26. Butler RS, Hui A, Staib LH, Hooley RJ, Philpotts LE. Downstream Effect of Tomosynthesis Screening – A More Efficient Diagnostic Work-Up of Screening Recalls. RSNA annual meeting 2012(Chicago, IL)
27. Butler RS, Kalra V, Crenshaw J, Geisel J, Philpotts LE. Tomosynthesis in Diagnostic Mammography: Continued change after 4 years. RSNA annual meeting 2015



28. Raghu M, Durand MA, Andrejeva L, Goehler A, Michalski M, Geisel JL, Hooley RJ, Horvath LJ, Butler R, Forman HP, Philpotts LE. Tomosynthesis in the Diagnostic Setting: Changing Rates of BI-RADS Final Assessment Over Time. Radiology, epub May 3, 2016