The Low Dose 3D™ Mammogram

Multiple studies show comparable performance to 3D Mammograms.

Similar Performance to FFDM 2D+ Tomosynthesis [1-4]

Improved rate of **cancers per biopsy** [2,5,8] — PPV3

Increased invasive cancer **detection** [2-6]

Superior **diagnostic accuracy** [2,4,5,6,9,10]

Reduction in **recall rates** [2,5,8]

Fast, 3.7 second scan time, minimizes compression time and increases patient comfort

PPV1 — Consistently higher rate of **cancers per recall** [2,5,8]

Low patient dose comparable to 2D exams—below the safe level set by the FDA [2,3,7]

PPV: Positive Predictive Value

HOLOGIC®
The Science of Sure

THE BENEFITS

Hologic's Low Dose 3D MAMMOGRAPHY™ exam powered by C-View™ software is proven clinically to increase invasive cancer detection [2-6] and decrease recall rates [2,4,5,7,8] compared with 2D alone, just like our original 3D Mammogram. C-View software progresses early breast cancer detection further by generating a 2D image directly from the tomosynthesis data, lowering patient radiation dose and compression time, with the added benefit of greater patient comfort.

[1] Zuckerman S, Conant E, Keller B, et al. "Implementation of Synthesized Two-dimensional Mammography in a Population-based Digital Breast Tomosynthesis Screening Program." Radiology. 10.1148/radiol.2016160366. [2] FDA PMA submission P080003/S001 physician labeling. [3] Skaane P, Bandos AI, Eben EB, et al. Two-view digital breast tomosynthesis screening with synthetically reconstructed projection images: comparison with digital breast tomosynthesis with full-field digital mammographic images. Radiology, 2014 Jun;271(3):655-63. [4] Bernardi D, Macaskill P, Pellegrini M et al. "Breast Cancer Screening with Tomosynthesis with Acquired or Synthetic 2D Mammography Alone (STORM-2): A Population-Based Prospective Study" Lancet Oncology. epub 2016 Jun 23. [5] Durand M, Raghu M, Geisel J, et al. "Synthesized 2D Mammography + Tomosynthesis: Can We See Clearly?" Radiological Society of North America, Chicago, IL, December 2015. [6] Choi J, Han B, Ko E, et al. "Comparison with Two-Dimensional Synthetic Mammography Reconstructed from Digital Breast Tomosynthesis and Full Field Digital Mammography for the Detection of T1 Breast Cancer." European Radiology. Epub 2015 Dec. [7] Zuley M, Guo B, Catullo V, et al. "Comparison of Two-dimensional Synthesized Mammograms versus Original Digital Mammograms Alone and in Combination with Tomosynthesis Images." Radiology, 2014 Jun;271(3):664-71. Epub 2014 Jan 21. [8] Zuckerman S, Conant E, Weinstein S, et al. "Impact on Recall Rates Following Implementation of Synthesized 2D Mammography in Digital Breast Tomosynthesis Screening." Radiological Society of North America, Chicago, IL, December 2015. [9] Woo O, Choi G, Shin H, et al. "Comparative Diagnostic Value of Two-dimensional Synthesized Mammogram and Conventional Full-field Digital Mammogram for Evaluation of Breast Cancer" Radiological Society of North America, Chicago, Il, December 2015. [10] Mariscotti G, Durando M, Bogetti C, et al. "Synthetized Digital Mammography Compared to Conventional Digital Mammography in a Diagnostic Setting" Radiological Society of North America, Chicago, IL, December 2015.