Is a Genius™ 3D Mammography™ exam right for me?

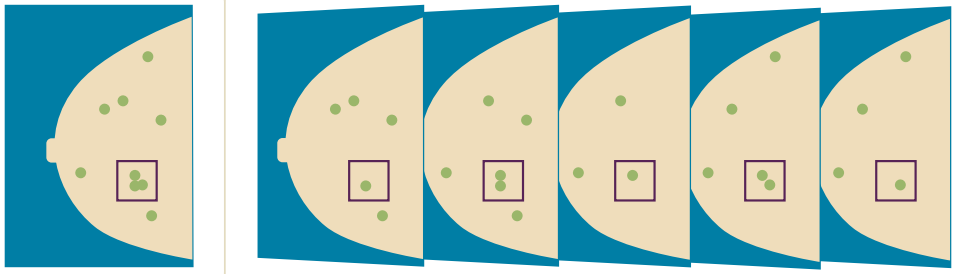
Genius 3D Mammography™ exam results are more accurate than 2D mammography alone.[1-7]

Conventional mammograms provide doctors with a two-dimensional image of the three-dimensional breast. Overlapping layers of tissue can sometimes create unclear results, false alarms, or worse—cancer being missed.

A Genius™ exam provides your doctor with a series of detailed images of the breast. This allows them to better evaluate your breast tissue layer by layer, making fine details more visible and no longer hidden by overlapping tissue. Because of its clinically proven increase in accuracy, a Genius exam can help reduce false-positive recalls for additional imaging.[1-7*]

WITH 2D

WITH A GENIUS 3D MAMMOGRAPHY™ EXAM



Case of a suspected lesion area that, with conventional 2D mammography, likely would have resulted in a false-positive recall for additional imaging. The output of a Genius exam with multiple images allows the doctor to determine that the tissue is normal.

YOUR GENIUS™ 3D MAMMOGRAPHY™ EXAM RECOMMENDATION

Name

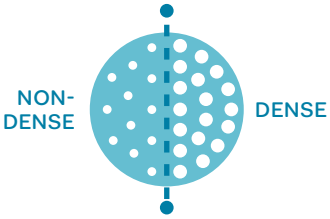
Procedure

- ☐ Genius exam—Screening
- ☐ Genius exam—Diagnostic

SUPERIORITY OVER CONVENTIONAL 2D MAMMOGRAPHY

Detects more invasive breast cancers, compared to 2D alone[1-7]

Reduces false-positive recalls by up to 40%, compared to 2D alone[1-7]



Only mammogram with superior accuracy for women with dense breasts compared to 2D alone[1-2]

genius3D MAMMOGRAPHY EXAM ™

*Compared to 2D mammography alone

What to expect from a Genius™ 3D Mammography™ exam.

The process of a Genius exam is the the same as your conventional 2D exam. The technologist will position you, compress your breast, and take images from different angles. There's **no additional compression** required, and it only takes a few seconds longer for an exam proven to be **more accurate.**[1-7*]

The Genius exam consists of a 2D and 3D™ image set, where the 2D image can be either an acquired image or a 2D image generated from the 3D™ image set.

When breast cancer is found early, the 5-year survival rate is almost 100%.[8]

It's estimated that **1 in every 8 women** will develop breast cancer within her lifetime.[7] In 2017, approximately **252,710 new cases** of invasive breast cancer are expected to be diagnosed in women in the US.[9] That's why a clinically proven, innovative screening technology that allows for better, more accurate detection is critical.*

Any woman who is due to have a traditional mammogram can elect to have a Genius exam. Clinical studies have shown that all women, regardless of age or breast density, can benefit from a Genius exam.[1-7*] Plus, it's covered and paid for by Medicare, and a growing number of private insurers.

Since 2011, over **10 million women** in the US have been screened with a Genius™ exam

Over 4,000 systems that perform the Genius™ exam have been installed and are now available in all 50 states

Get the mammogram you deserve. Tell your friends to do the same.
Visit **MyGenius3D.com/Info** for more information.

*Compared to 2D mammography alone

REFERENCES: 1. FDA submissions P080003, P080003/S001, P080003/S004, P080003/S005 **2.** Results from Friedewald, SM, et al. "Breast cancer screening using tomosynthesis in combination with digital mammography." JAMA 311.24 (2014): 2499-2507; a multi-site (13), non-randomized, historical control study of 454,000 screening mammograms investigating the initial impact the introduction of the Hologic Selenia® Dimensions ®¬ on screening outcomes. Individual results may vary. The study found an average 41% (95% CI: 20-65%) increase and that 1.2 (95% CI: 0.8-1.6) additional invasive breast cancers per 1000 screening exams were found in women receiving combined 2D FFDM and 3D™ mammograms acquired with the Hologic 3D Mammography™ System versus women receiving 2D FFDM mammograms only. **3.** Zuckerman SP, Conant EF, Keller BM, et al. Implementation of Synthesized Two-dimensional Mammography in a Population-based Digital Breast Tomosynthesis Screening Program. *Radiology.* 2016 Dec;281(3):730-736. **4.** Skaane P, Bandos A, 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. **5.** Bernardi D, Macaskill P, Pellegrini M et al. Breast cancer screening with tomosynthesis (3D mammography) with acquired or synthetic 2D mammography compared with 2D mammography alone (STORM-2): a population-based prospective study. *Lancet Oncol.* 2016 Aug;17(8):1105-13. **6.** McDonald ES, Oustimov A, Weinstein SP et al. Effectiveness of Digital Breast Tomosynthesis Compared With Digital Mammography: Outcomes Analysis From 3 Years of Breast Cancer Screening. *JAMA Oncol.* 2016 Jun 1;2(6):737-43. **7.** Rafferty EA, Durand MA, Conant EF, et al. Breast Cancer Screening Using Tomosynthesis and Digital Mammography in Dense and Nondense Breasts. *JAMA* 2016 Apr 26;315(16):1784-6. 13. **8.**Stages 0 & 1" what does it mean to have stage 1 breast cancer? Nation Breast Cancer Foundation, Inc. http://www.nationbreastcancer.org/breast-cancer-stage-0-and-stage-1. Accessed March 31, 20157. **9.** US breast cancer statistics. Breastcancer.org. http//www.breastcancer.org/symptoms/understand_bc/statistics. Accessed April 5, 2017. .

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The Genius™ 3D Mammography™ exam (a.k.a. Genius™ exam) is acquired on the Hologic® 3D Mammography™ system and consists of a 2D and 3D™ image set, where the 2D image can be either an acquired 2D image or a 2D image generated from the 3D™ image set. The Genius™ exam is only available on the Hologic® 3D Mammography™ system. Please consult your physician for a full list of benefits and risks associated with mammography.