



Reshape the mammography experience

Senographe Pristina™

gehealthcare.com/pristina



Reshape the mammography experience with comfort, confidence and clarity

At GE Healthcare, we believe it's time to improve the entire mammography experience.

We partnered with radiologists, technologists and patients to create a mammography platform that is designed to each of their needs – easing patients' anxieties, making technologists' jobs easier and helping radiologists diagnose with greater confidence.

The result of our rigorous, collaborative design process is the Senographe Pristina.



Comfort for patients

The gantry: attractive and well-designed like a beautiful piece of art

The new, inviting gantry promotes a sense of calm, with elegant lighting and gentle, rounded shapes. Senographe Pristina was built with one objective in mind: to ease patient anxiety when they enter the exam room.

A soft-curved surface invites patients into a space of comfort and support.

You'll need to experience it to truly realize what it can do for you.



Rethinking patient comfort

The new gentle, rounded edges of the detector can reduce discomfort and may also help reduce anxiety for patients. The soft armrests have replaced the typical hand grips. Patients can lean comfortably on the armrests relaxing their muscles to simplify compression and image acquisition.

In addition, the Senographe Pristina includes specialized paddles such as the flex paddle that can tilt to adapt to women's varying morphology and the implant paddle specifically for breast implants as well as small breasts.



Confidence for technologists

Patient comfort easing positioning

Anxious patients are more prone to moving and contracting muscles, creating challenges for technologists to position them appropriately.

By making patients more comfortable during the exam, technologists can then focus on more suitable positioning, enabling a faster and smoother experience for both patient and technologist.



A new design to avoid physical strain

Making it easy for technologists to position patients is critical to improving the overall mammography experience for both patients and technologists.

The upper space below the collimator is large, and the small tube design makes it easy for technologists to position patients.

The back space is also large enough to allow technologists to work without hitting their elbows when positioning the breast over the support.

Technologists can also position patients while facing them, allowing for better communication throughout the exam.

In addition, when positioning patients in mediolateral oblique (MLO), the tube head can be moved to a parked position away from the technologist's head.

This clears the upper space from obstruction so that the technologists can position the patient without physical strain.

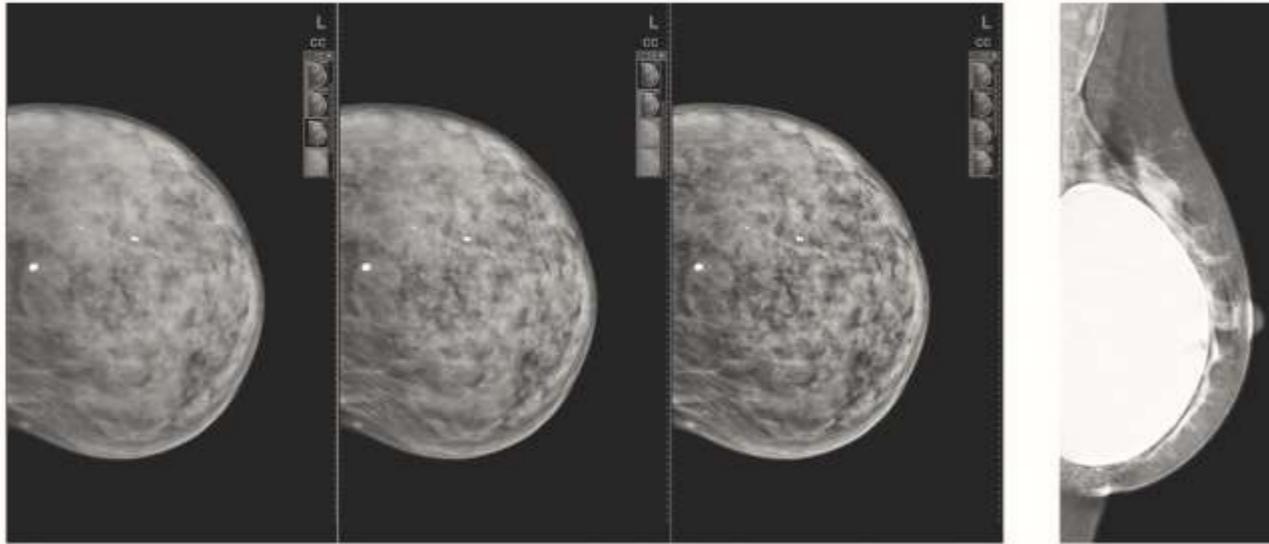


Reinventing the mammography experience to make the technologist's job easier

The console and gantry are ready to use within a few minutes after startup without requiring any calibration before starting the day.

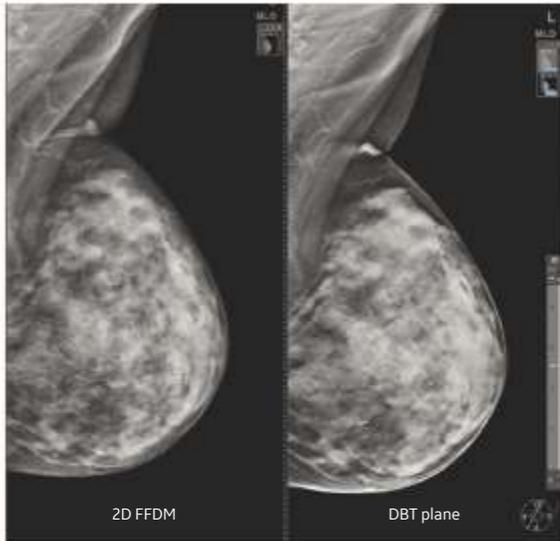
The image contrast can also be modified in real time, among six levels available, in order to accommodate user preferences.

The acquisition console is well-aligned with other GE Healthcare products, so that the learning curve is minimal for those familiar with other GE Healthcare equipment.



eContrast: 6 options available to accommodate users preferences

Automated Optimization of Parameters with implants



Invasive ductal carcinoma



Surgical scar

Clarity for radiologists

Pristine images for accurate diagnosis

Pristina sets the bar for diagnostic confidence and performance, leveraging the Senographe family's widely recognized image quality.

GE Digital Breast Tomosynthesis delivers superior diagnostic accuracy at the same dose as 2D FFDM, the lowest patient dose of all FDA approved DBT systems¹.

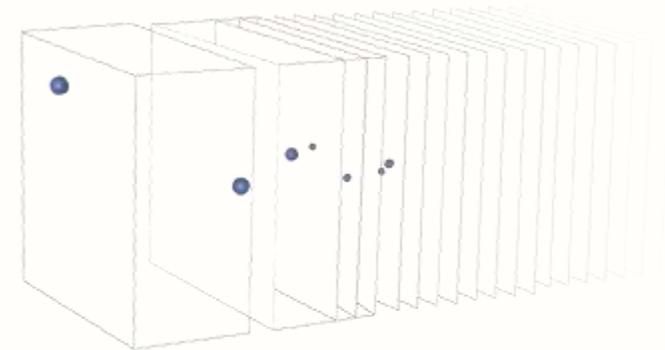
1. GE screening protocol consists of 3D CC/MLO + V-Preview CC/MLO, V-Preview is the 2D synthesized image generated by GE Seno Iris mammography software from GE DBT images. FDA PMA P130020/S001 <http://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfpMA/pma.cfm?id=P130020S001>, Data on file. Average glandular dose in digital mammography and digital breast tomosynthesis: comparison of phantom and patient data. Bouwman, R. W. and al., et. 2015, Physics in Medicine & Biology, pp. 7893-7907.



Excellent Visualization of Microcalcifications

3D mammography platform allows for excellent visualization of breast lesions without increasing the dose compared to a 2D exam.

GE's 3D tomosynthesis uses ASIR^{DBT}, an iterative reconstruction algorithm with a calcification artifact correction. ASIR^{DBT} delivers off-plane images, far superior to the traditional Filtered Back Projection (FBP) algorithm in terms of both in-plane and out-of-plane artifacts. Furthermore, a specific slabbing algorithm renders calcifications as if each were in its optimal plane, making the images easy to read.



Senographe Pristina™

The Senographe Pristina platform is designed to support future functionalities, such as: Contrast Enhanced Spectral Mammography, biopsy and Senographe Pristina in a mobile environment.



Comforting, empowering, enlightening

Never has a mammography system been so focused on patients, technologists and radiologists alike – putting everyone in a better position for a more relaxing experience, productive workflow and effective care.



About GE Healthcare

GE Healthcare provides transformational medical technologies and services to meet the demand for increased access, enhanced quality and more affordable healthcare around the world.

GE (NYSE: GE) works on things that matter - great people and technologies taking on tough challenges. From medical imaging, software & IT, patient monitoring and diagnostics to drug discovery, biopharmaceutical manufacturing technologies and performance improvement solutions, GE Healthcare helps medical professionals deliver great healthcare to their patients.

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