



Senographe

# Crystal Nova

*Digital mammography  
transformation, simplified.*





*Digital mammography helps increase breast cancer detection by 21% compared with Computed Radiography.<sup>1</sup>*

<sup>1</sup>Chiarelli et al, radiology 2013.



# Senographe™ Crystal Nova

Rising patient volumes. Increasing competitive pressures. Tightening cost constraints. Amid these intensifying healthcare challenges, digital mammography is helping hospitals and clinics transform the way they provide breast care – serving more patients well and in less time.

## **So why are facilities refraining from making the move to digital?**

At GE Healthcare, we posed these crucial questions to our customers. What we learned, we applied. The answer is the new unparalleled Senographe Crystal Nova.

*The fast, easy and affordable way to access digital mammography with the benefits of a GE worldclass premium product.*

# EMPOWERING

*Benefit from the GE worldclass premium technology.*

## Proven technology.

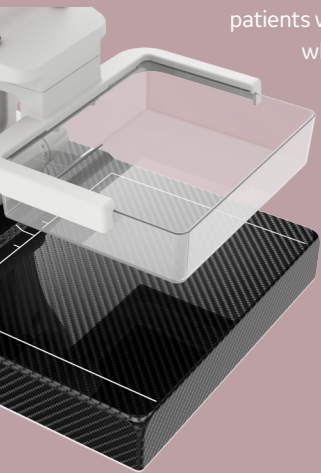
Built with the same high DQE detector as found on the premium GE mammography systems, Senographe Crystal Nova delivers exceptional images swiftly. Our digital mammography technology ensures that you can care for more patients with complete confidence when it comes to screening and diagnosis, and with the 2D biopsy capability as well.

## The right dose.

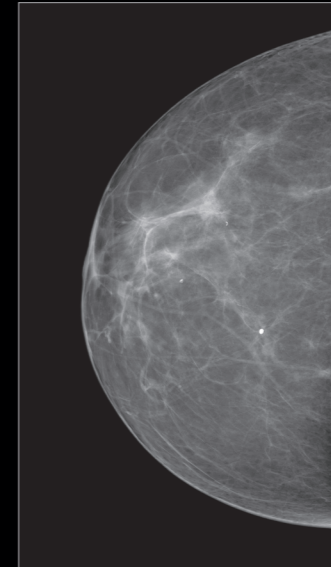
The Automatic Optimization of Parameters (AOP) selects the appropriate kV and mAs based on radiological density and thickness of the breast for exceptional image quality with a limited dose to your patients. The system delivers a radiation dose in screening that is significantly below regulatory and standard guidelines (EUREF).

## Access your images. The way you like them.

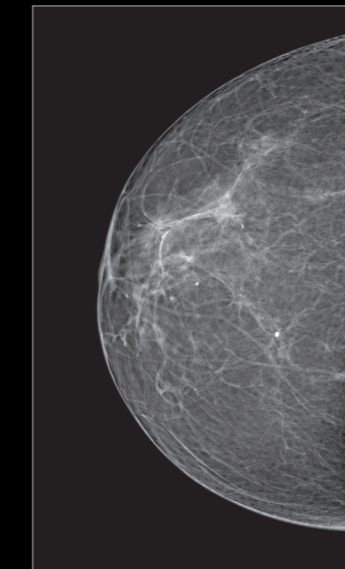
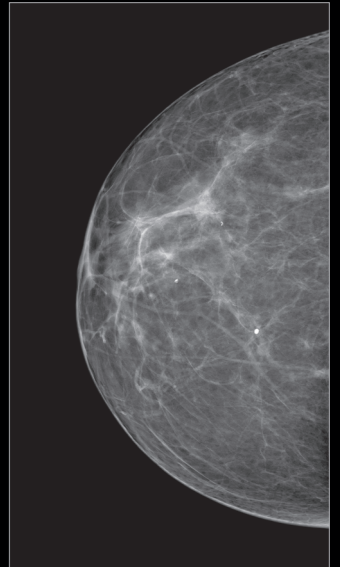
With eContrast, choose among four contrast levels to optimize your visual comfort and maximize structure visibility and diagnostic performance for almost any breast type, including implants.



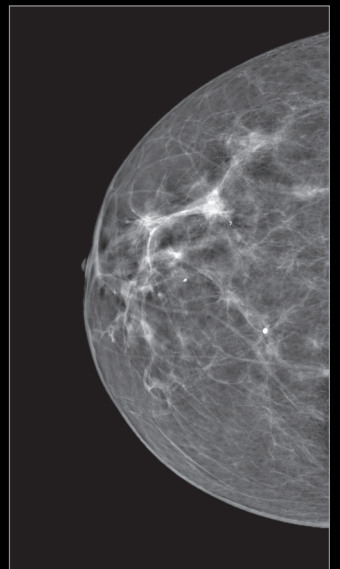
eContrast Light



eContrast Medium



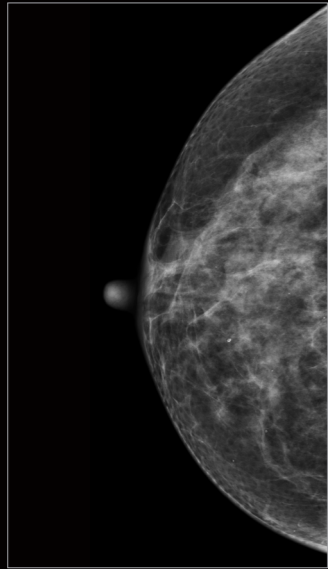
eContrast Intense



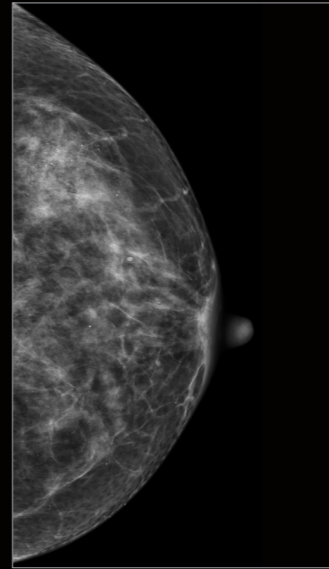
eContrast Implant



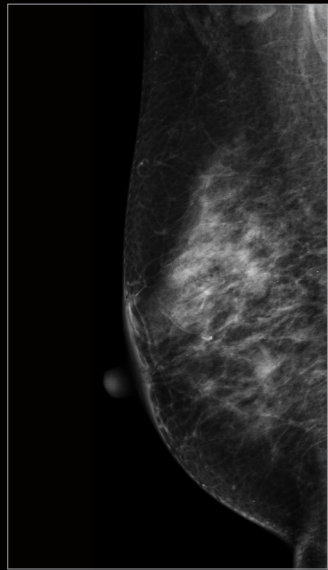
CASE 1



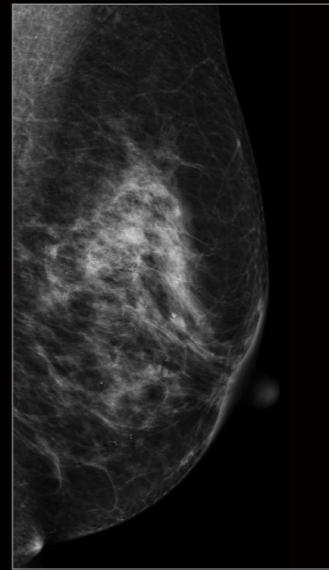
RCC



LCC

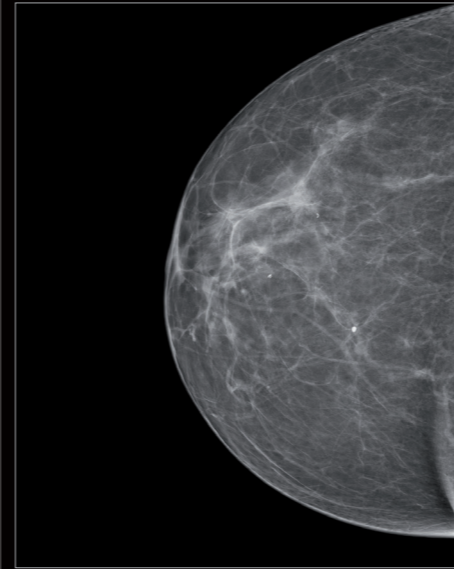


RMLO

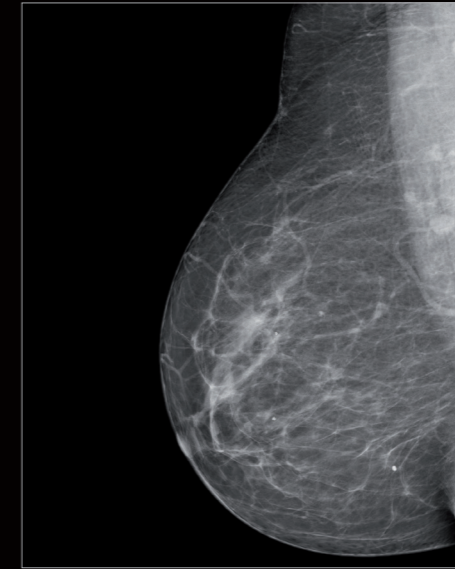


LMLO

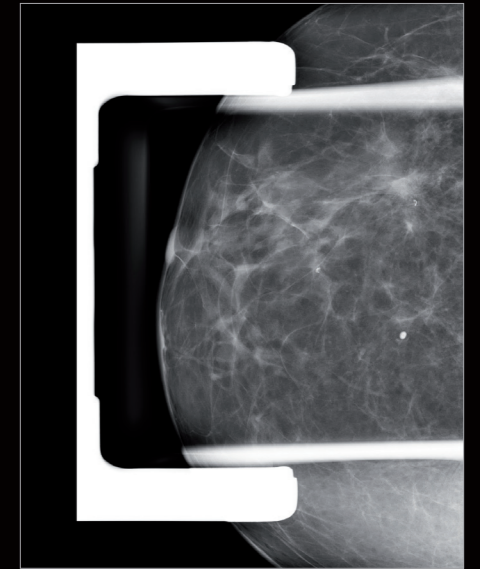
CASE 2



RCC

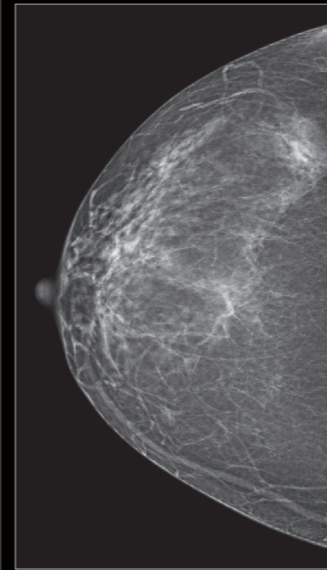


RMLO

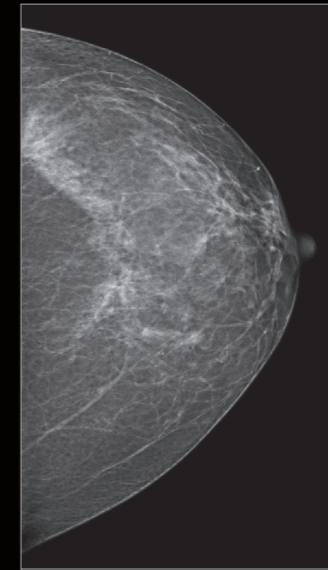


Spot view

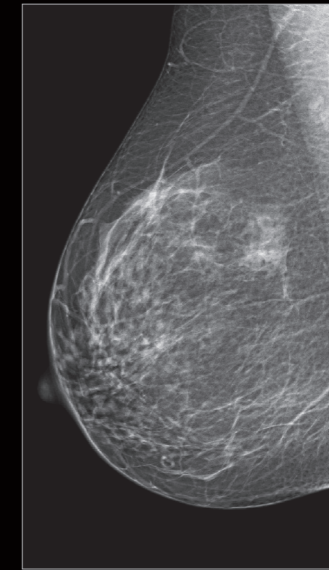
CASE 3



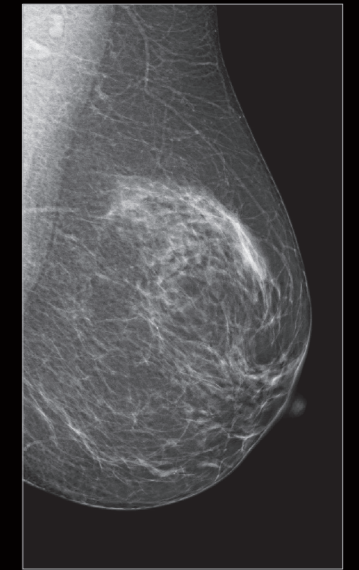
RCC



LCC



RMLO



LMLO





# FAST

*How does imaging up to  
18 patients per hour sound?*

With this unique performance on the market, Senographe Crystal Nova is so easy to use and so fast in acquiring high-quality images that the speed of a screening exam is limited only by patient positioning.

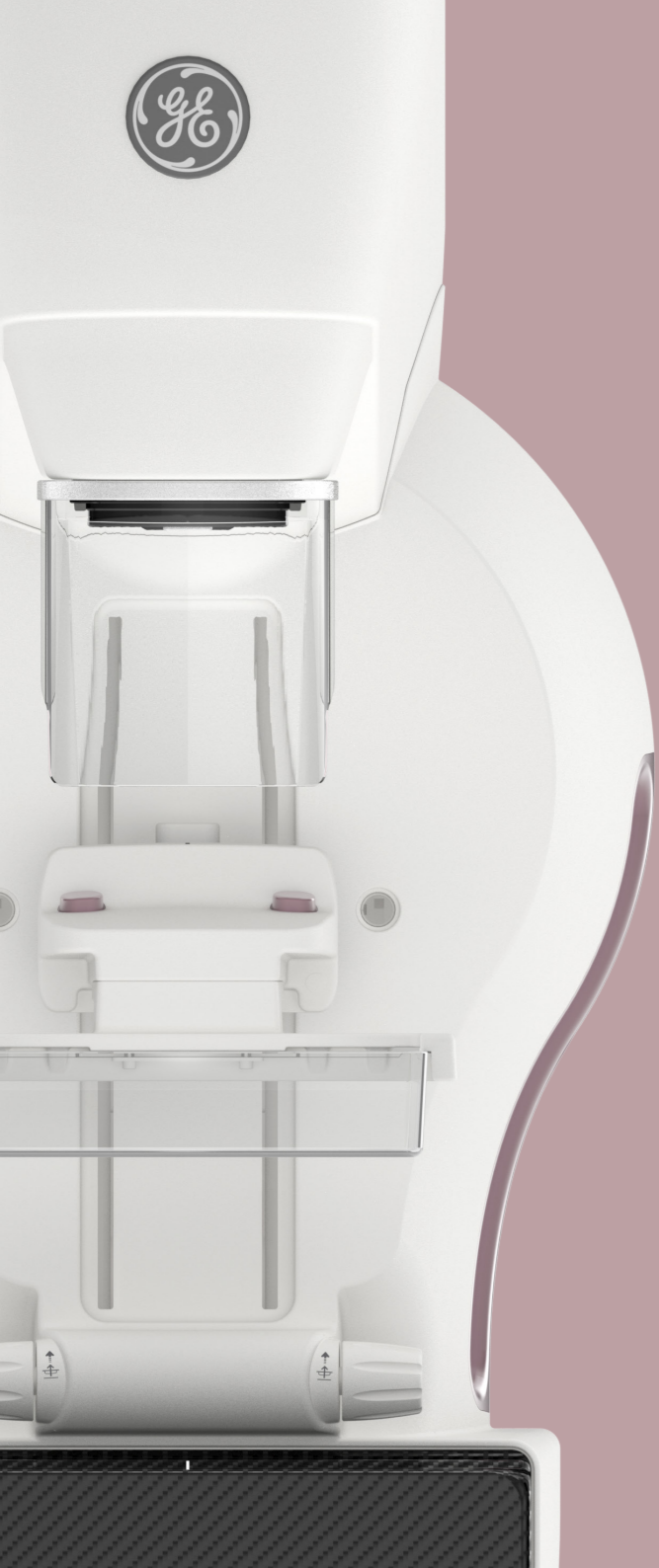
Assuming that a technician requires 30 seconds to position the patient for each acquisition, a four-view exam can readily be completed in less than 3 minutes – versus over 12 minutes with screen-film procedures, including image acquisition and processing.<sup>2</sup>

<sup>2</sup> O’Riordan E. et al, Radiology, 2000.



*Up to 76%.  
Now that’s  
a productivity  
improvement.*





# EASY

*Harnessing the power of full-field digital is simple.*

**Streamline the experience.  
Patient benefit.**

The slim gantry, small tube head and rounded-shaped bucky help allow patients to quickly, comfortably embrace the system.

**Position patients. Quickly. Precisely.**

The small, sliding paddle, combined with the ability to fine-tune compression, makes it easy to accommodate all kind of breasts.

**Adjust the gantry. In one touch.**

The convenient "N-button" quickly and automatically positions to your workflow preferences.  
The new "Auto-Move" function moves to the next angulation and adapts the height automatically.

**Glide through your evaluations. Easily.**

With a user interface featuring easy-to-understand icons, finding your way to what you need is easy. You have all the tools you need at your fingertips.

**Make technologists job easier. Quickly.**

With simple and intuitive features, technologists can transition to digital mammography without delay.

**Save precious space.**

With its small footprint, this system is designed to fit in small spaces.





# SEAMLESS

*The powerful Seno Iris Lite workstation integrates seamlessly with the Senographe Crystal Nova system to help optimize your diagnostic process.*

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Enjoy an all-around simple reading experience with intuitive, automated and customizable protocols.

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Reach a confident diagnosis by exploring and reviewing cases quickly and easily.

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Take full advantage of your digital mammography technology to strengthen your diagnosis – facilitating seamless clinical workflow.







# SUPPORTIVE

*Your Senographe Crystal Nova is backed by the latest advances in service technology to help you maximize system uptime*

## **Insite™**

remote connectivity

- Remote diagnostics and troubleshooting for fast resolutions, often without a field engineer visit
- Remote applications assistance with engineer connecting online in real time
- OnWatch proactive monitoring, helping detect issues so they can be resolved before downtime occurs

## **iCenter™**

asset management software platform with detailed service records, contract information, and device utilization reports, all available anytime through a web portal.

## **DoseWatch™**

web-based patient radiation dose management solution can capture, track, and report radiation and contrast dose directly from the X-ray system.

*GE field engineers are among the industry's best-trained and experienced. Meanwhile, GE Healthcare's global part logistics infrastructure ensures that parts are delivered to you on time. Distribution centers are strategically located for wide geographic coverage and quick delivery.*

*Service contracts are designed to meet your specific needs and budget, offering the appropriate balance of maintenance and service. We also deliver comprehensive, flexible training programs that are personalized for your organization.*



*With all your needs answered in digital mammography, only one question remains.*

*Will you seize this opportunity to get ahead – or will you get left behind?*

Exceptional image quality, fast processing and small footprint make the way forward clear. With Senographe Crystal Nova from GE Healthcare, it's time for you to enter a new era of fast, simple, affordable digital mammography.



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## **GE imagination at work**

Data subject to change.  
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