

GE Healthcare



imagination at work

healthymagination

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Stand out with SenoBright



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Know more. Now.

Is something really there?

What is it?

Where is it?

What's next?



For a woman facing even the slightest hint of a breast cancer diagnosis, the answers can't come soon enough.

With SenoBright*, you'll have more information† to help you get to the answers you need.

†SenoBright is intended to be used as an adjunct following mammography and ultrasound exams to localize a known or suspected lesion.

Follow up. **Faster.**



Senographe Essential

Performed as an adjunct to inconclusive mammography and ultrasound, SenoBright Contrast-Enhanced Spectral Mammography (CESM) highlights areas of unusual blood flow patterns which may be cause for increased suspicion.

Using an iodine contrast agent, SenoBright takes **two images per view** at different X-ray exposures. It then recombines them to highlight the contrast-enhanced areas—all in a simple, quick, procedure that takes **less than ten minutes—** much like a regular mammography exam. You'll have answers to help you follow up with your patient faster.

Healthmagination-validated, SenoBright is available for new GE Senographe* Essential and Senographe DS* systems and as an upgrade if you already have these systems.



Take a **wait** off your patients' minds.

With SenoBright, you can perform additional tests right away—using the same equipment, in the same room, with the same staff, on the same day.

And help minimize the wonder and the worry of a concerned patient waiting for results.

Simply SenoBright.

One injection.

One complete bi-lateral exam.

Four views.

Four views can mean all the difference to a woman concerned about a breast cancer diagnosis.

The SenoBright acquisition is fully automated. The system automatically acquires the spectral data necessary to automatically create **two images per view**, a standard mammographic image showing tissue density, and a contrast-enhanced image in exactly the same position with the background signal subtracted out.

With SenoBright, you stay in context. Whether you're providing information to a breast surgeon, referring physician, or oncologist, they'll see the same mammographic views they are used to seeing. And get information needed to help get an answer for their patient.

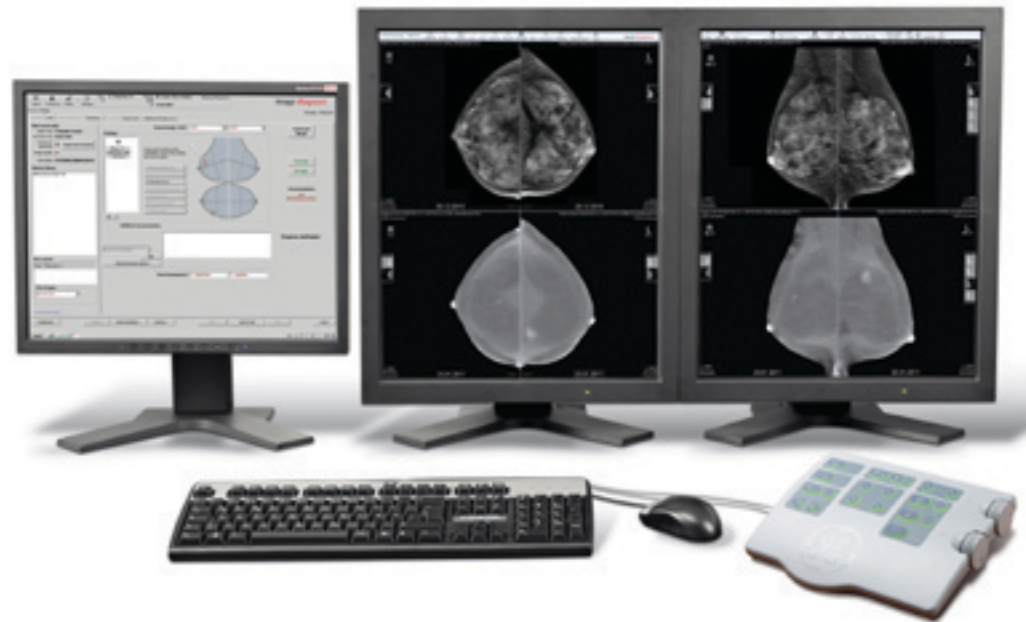
Solely SenoBright.

A powerful X-ray tube and generator.
A fast-reading digital detector.
A proprietary recombination algorithm.

With its unique ability to
separate energy levels,
GE technology advancements
have made SenoBright possible.
And GE offers the industry's largest
mammography field of view, on the
Senographe Essential system.

A custom **view** for exceptional review.

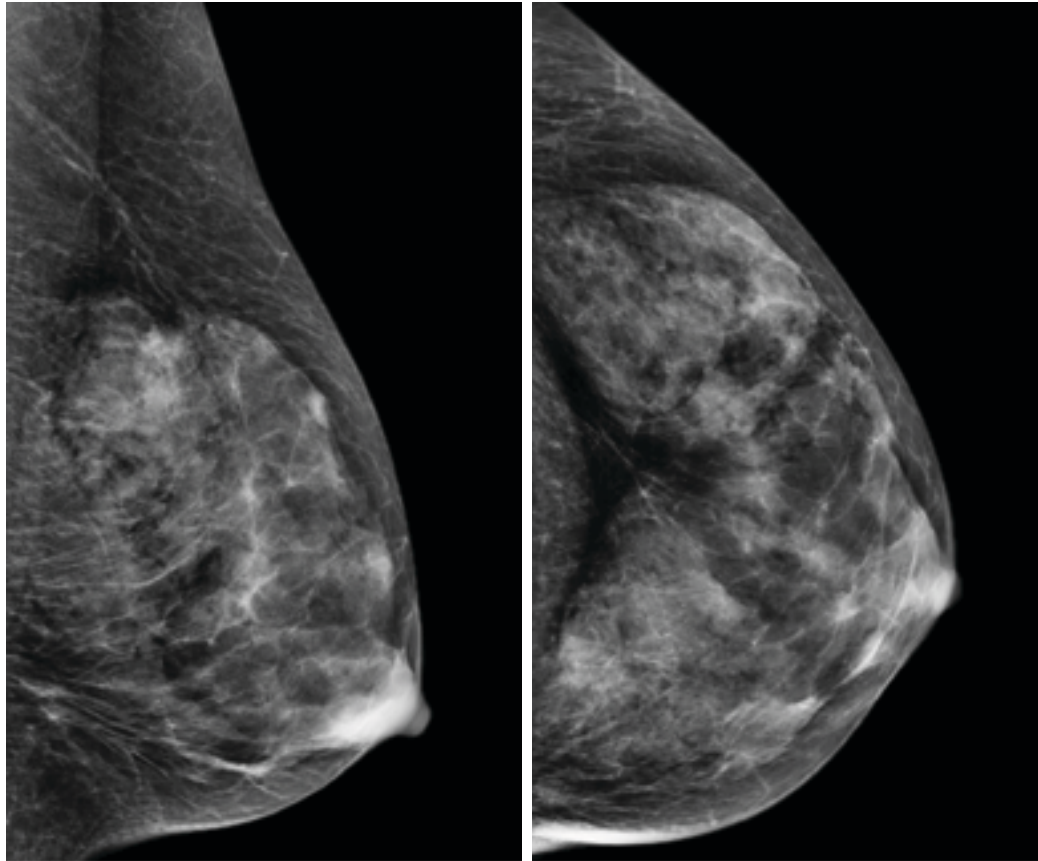
Specifically designed
to work with
advanced applications
such as SenoBright,
the IDI Workstation—
GE's powerful reading tool—
has the horsepower to handle
advanced applications.



Customized hanging protocols let each radiologist arrange images according to personal preference for exceptional reading efficiency—and see them the same, consistent way at every login.

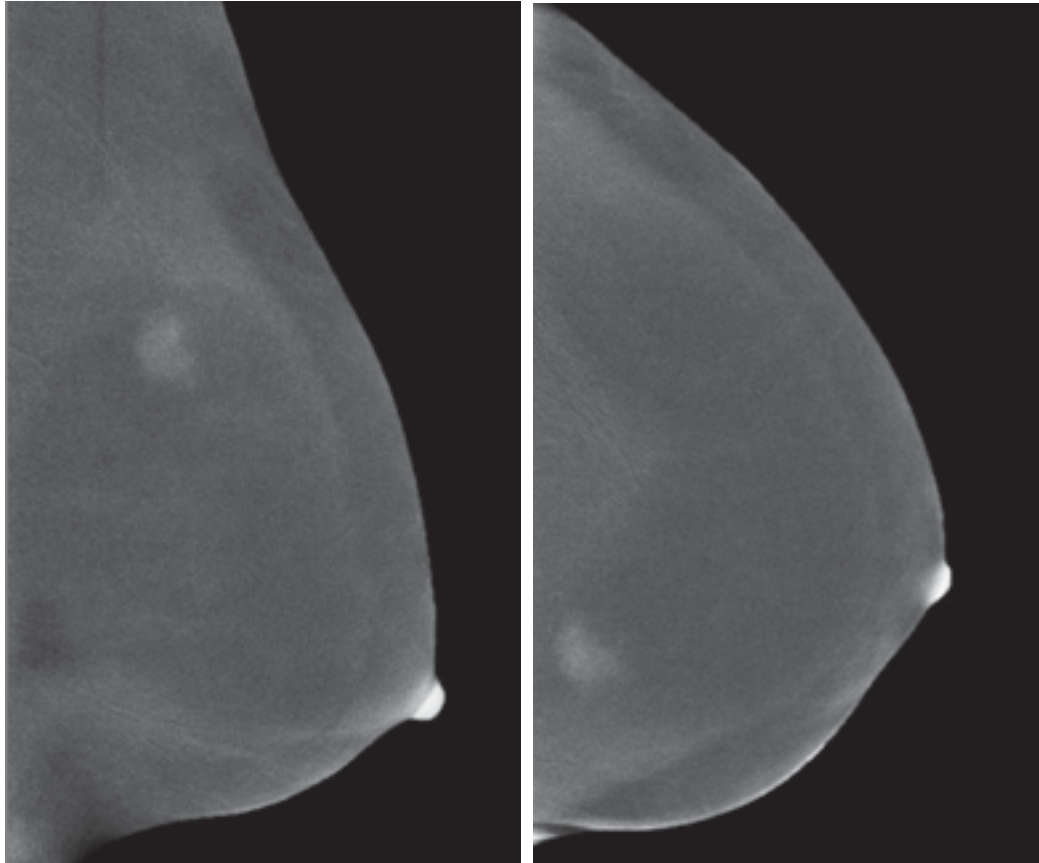


Story 1



SenoBright low-energy images

A palpable mass in the patient's left breast was occult on a standard mammogram and visualized on ultrasound.

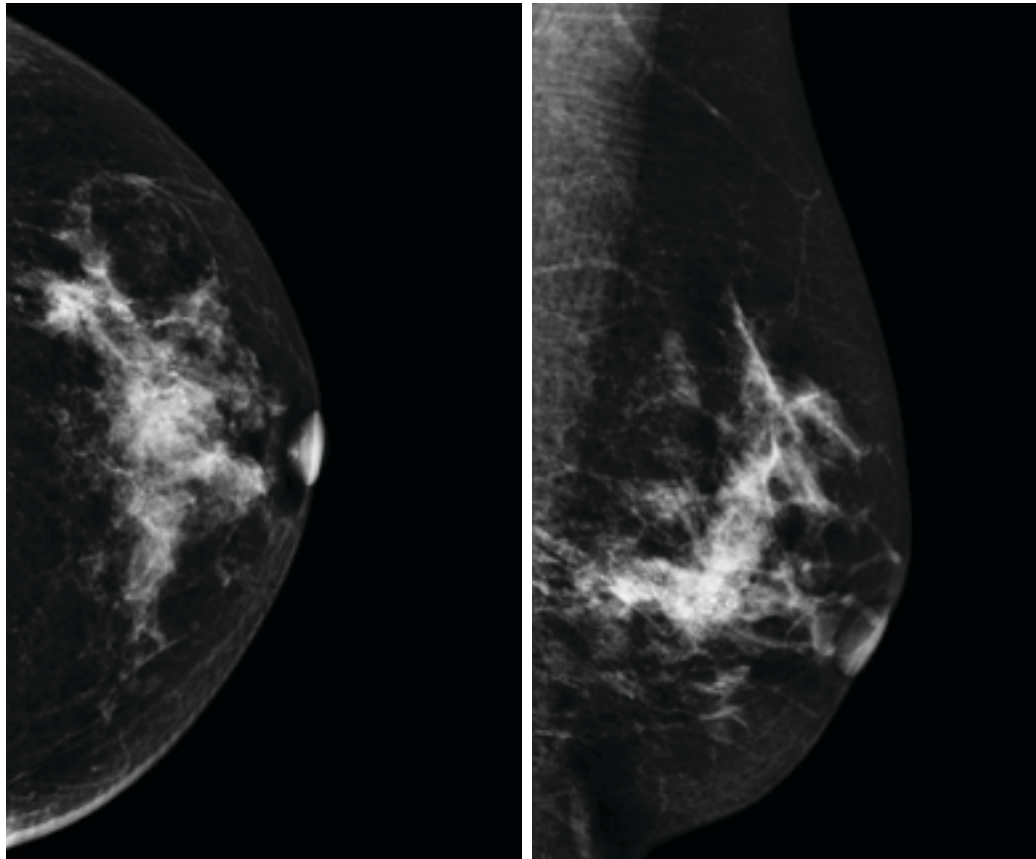


SenoBright contrast-enhanced images

The SenoBright images clearly showed the exact location of the contrast-enhanced lesion on both views, with no suspicions of other foci. Biopsy proved the lesion to be invasive ductal carcinoma.

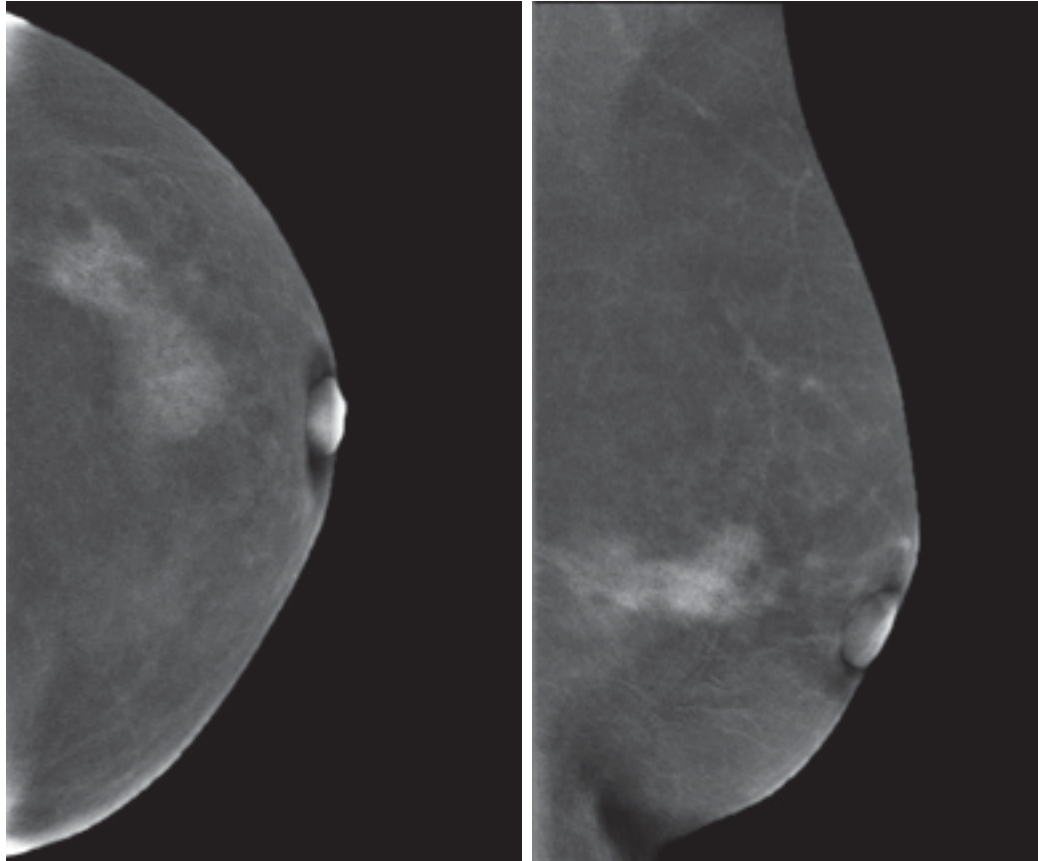


Story 2



SenoBright low-energy images

This patient presented with a palpable mass in her left breast. Mammography showed a cluster of microcalcifications and architectural distortion.

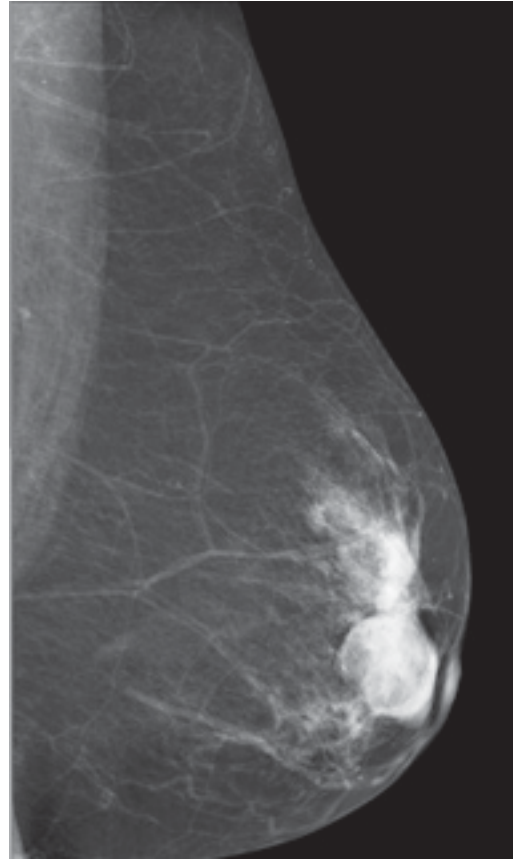
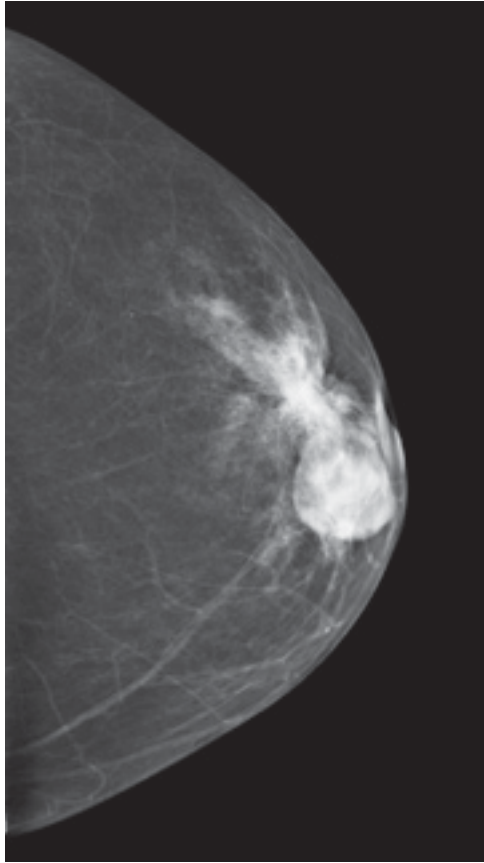


SenoBright contrast-enhanced images

The SenoBright images clearly showed the exact location of the contrast-enhanced areas on both views, corresponding to the microcalcifications noted on the original mammography. Biopsy proved the lesion to be invasive ductal carcinoma.

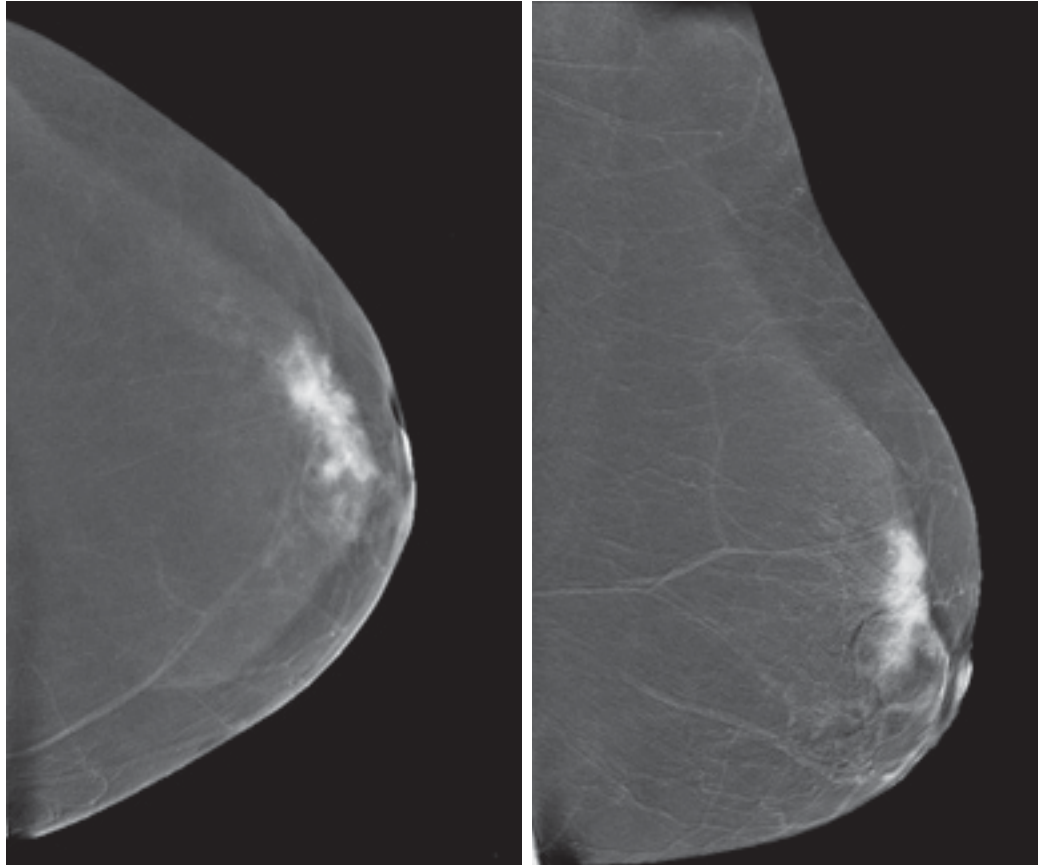


Story 3



SenoBright low-energy images

An architectural distortion in this patient's left breast was visible on the CC view using standard mammography. She also had a known cyst, and its opacity somewhat blocked the area of interest on the MLO view.



SenoBright contrast-enhanced images

The SenoBright images clearly depicted the contrast agent and also subtracted out the cyst that was blocking the view in the standard mammograms. With the lesion well localized, the radiologist performed a biopsy, showing the lesion was invasive ductal carcinoma.

Get to Yes or No **sooner.**

In case after case...

In patient after patient...

SenoBright

helps you get to

Yes or No sooner—

simply and smoothly,

in a context you're

familiar with.



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The photographs of women depicted in this brochure are not actual patients and the clinical cases do not correspond to these individuals.

About GE Healthcare:

Healthymagination is GE's \$6 billion commitment to bring high-quality health care at lower cost to more people around the world through our advanced technologies, and research and development capabilities. Just as ecomagination applies our scale and innovation toward tackling environmental challenges, healthymagination offers dramatic new investments toward achieving sustainable health

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