

Pristina Serena™ 3D

DBT guided biopsy positioner

Reshape the biopsy experience



gehealthcare.com



Accessibility to areas of interest in breast tissue is often challenging for patients with small, thin breasts, implants, or breasts with superficial, deep or very superior lesions.

This often makes accurate biopsies difficult. **Until now.**

We've redesigned the biopsy experience to help maximize confidence for radiologists, efficiency for technologists, and to improve the experience for patients.

Pristina Serena 3D makes complex procedures and challenging cases faster¹. The biopsy system offers great accessibility for clear, concise results.

1. Acquiring a 3D is quicker than acquiring a 2D triplet.



Senographe
Pristino





Inspired by Senographe Pristina™

Pristina Serena is swift and streamlined.

The value of add-on breast biopsy is indisputable when it comes to ensuring a seamless transition from screening to diagnostic.

- Pristina Serena transforms your Senographe Pristina into an interventional suite in just two minutes²
- With Serena, the breast biopsy procedure can be performed in less than 15 minutes²

If patient comfort is important in screening, it is even more during the biopsy procedure.

Pristina Serena leverages the proven patient comfort of Pristina.

A remarkable user interface

Increased clinical confidence through accessibility

Vertical or horizontal approach provides versatility, and addresses the most challenging cases. The approach can be changed even after compression.

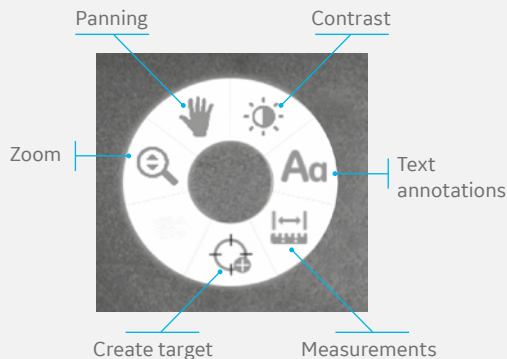
Designed for clinical performance with DBT guided targeting

Resolution and image quality is consistent with 2D/3D screening and diagnostic imaging thanks to the same image chain.

Allows targeting in 3 simple steps:

1

Lesion selection



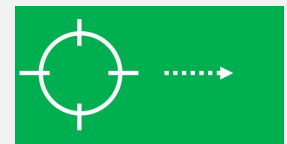
2

Needle selection

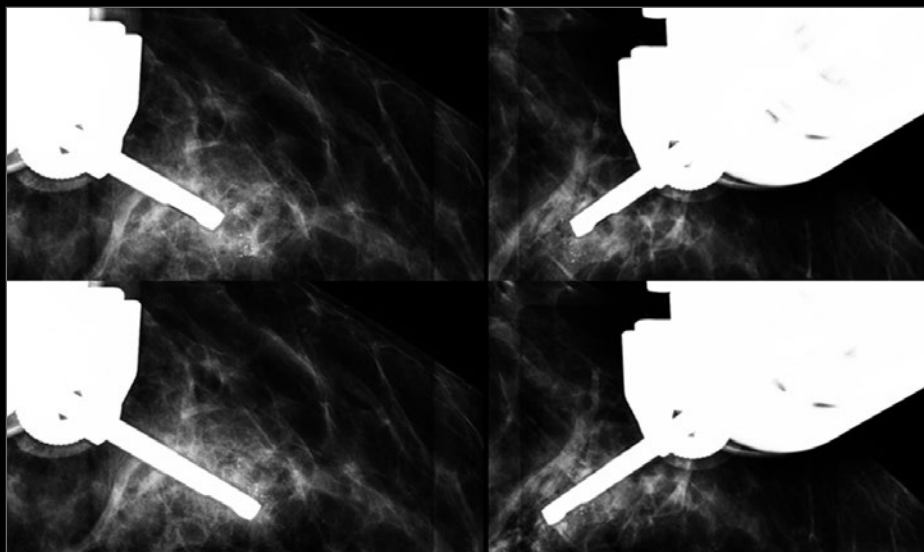


3

Target sending to positioner

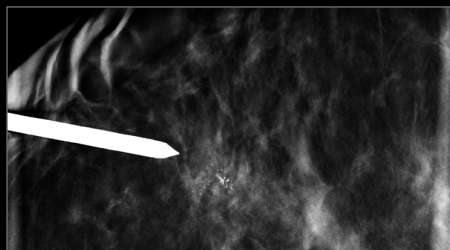


Demo Case 1 - Targeting in 3D and control views in 2D vertical approach

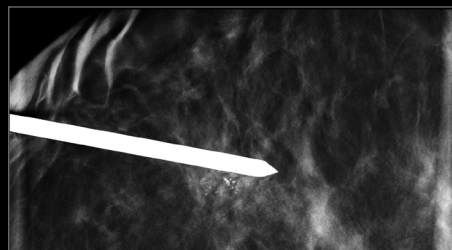


Post Fire Needle Position +15 and -15 stereotaxy images - RCC

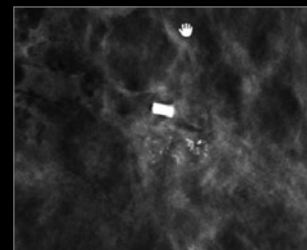
Demo Case 2 - Full DBT guided biopsy on microcalcifications with lateral approach



Clip visualization in the DBT plane



Pre-fire control in the DBT plane



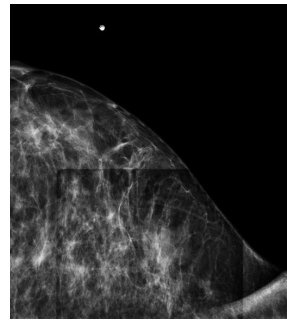
Post-fire control in the DBT plane

When productivity is at stake

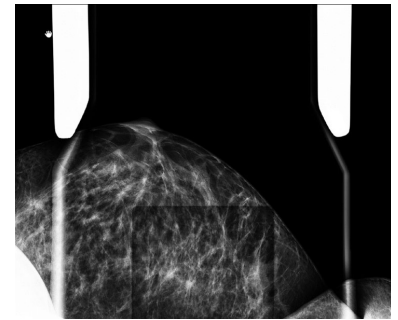
Enjoy the comfort of:

- Working with a large field of view
- Having no object in field when scouting
- Automatic collimation adjustment after targeting to reduce the exposed area
- Performing biopsies in a timely manner
- Showing the field of view at detector level, at paddle level, and displays the areas eligible for targeting
- Performing biopsies up to 1 cm above the paddle³

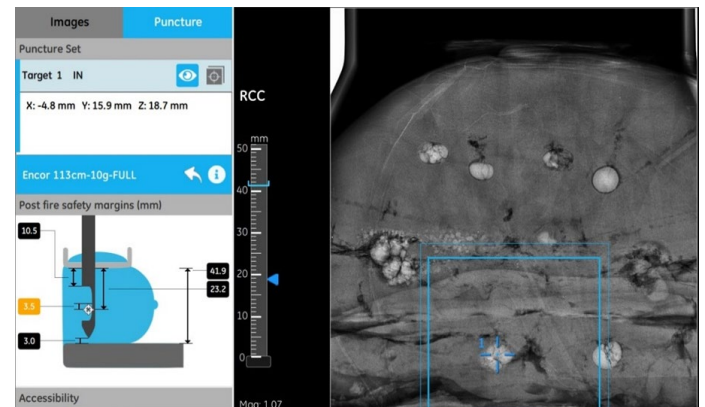
2 choices of FOV for targeting



110 x 120 mm



120 x 180 mm



Motorized movement

Touchscreen controls all movements on the biopsy positioner prior to needle insertion.

Increase accuracy with precision targeting

The laser guide pinpoints incision entry for accurate needle placement and anesthesia delivery around the incision.

The needle max-out gives ample space to manage.

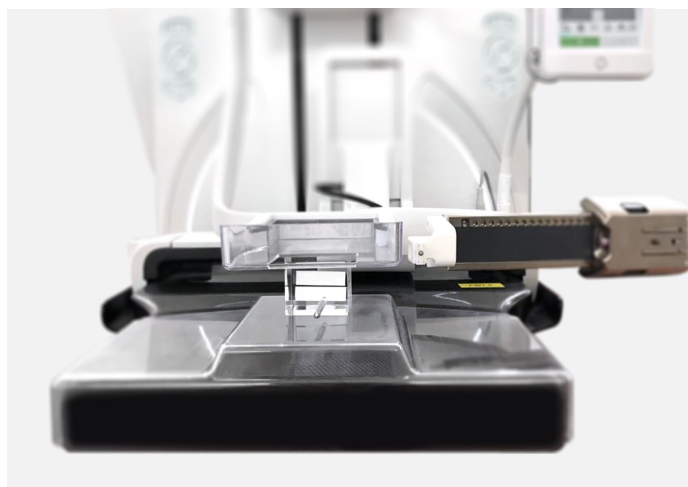
The automatic mechanical stop ensures the needle halts when it reaches the target.

The needle guide can be moved away during the procedure to keep the needle out of the field of view.

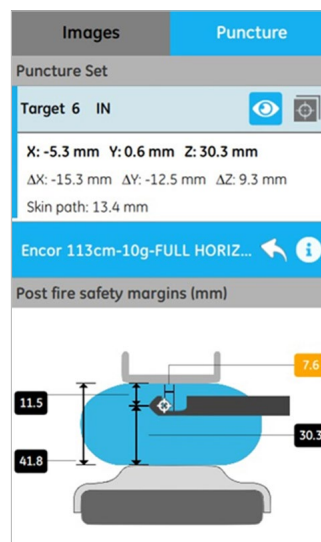
Pristina Serena 3D also provides remarkable image quality to visualize calcifications and makes lesion conspicuity appear the same as DBT screening and diagnostic imaging.

Reach difficult lesion locations

The spacer elevates the breast to help ease patient positioning.



Visualize the biopsy configuration in real time





Start today with tomorrow's vision of biopsy

Prepare for the future. Pristina Serena is designed to support future functionality such as contrast-enhanced guided biopsy or large paddles, providing a safe, long-term investment in a rapidly changing field.

With the dedicated kit, Pristina Serena switches from 3D screening mode to interventional in two minutes, turning a mammography unit into an interventional suite.

Same room, same table, same remarkable image quality.

Keep your current biopsy devices. Pristina Serena is compatible with all common devices.



“It’s very easy to change from one approach to the other in the same moment, you don’t have to change the patient or the orientation. Now, biopsy is like a “friendly” biopsy”.

Dr Rodriguez-Arana, M.D. Director of Breast Radiology
Hospital del Mar, Barcelona, SPAIN

“Overall the experience with this machine has been incomparable to anything else I’ve used in the past and can’t imagine doing another stereotactic biopsy without it.”

Katie Davis RT(R)(M)(BS), Lead Mammographer,
Carolina Breast Imaging Specialists, Greenville, USA

About GE Healthcare

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

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Data subject to change.

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