

Vacuum-Assisted Breast Biopsy Devices

In-Breast Adaptability Features May Improve Breast Biopsy Experience

Lesion and breast characteristics (including location, density, and lesion size) may contribute to a more challenging breast biopsy. Depending on the features of the breast biopsy system, there may be a need to change needles or reinsert the needle into the breast in order to safely acquire an adequate sample.

Physician Perspectives on the ENCOR ENSPIRE® Breast Biopsy System and In-Breast Adaptability

Bard Biopsy Systems interviewed four leaders in breast care to determine how the features of the ENCOR ENSPIRE® Breast Biopsy System impact their ability to adapt to challenging lesions within the breast. Each physician has completed hundreds of biopsies with the system and regularly uses the in-breast adaptability features including:

- Half-sample mode
- Automated sampling
- Dense tissue mode

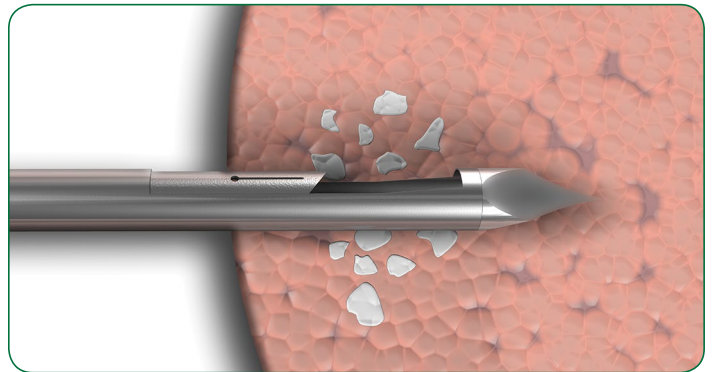
Half-Sample Mode May Improve Access to Lesions



When a lesion is located in a thin breast, near the skin surface, or near the nipple, the location may not provide enough depth for a needle with a full-size aperture—particularly in stereotactic procedures when the ability to manipulate the needle's position may be limited.

In these situations, Radiologist Linda B. Griska, M.D. uses the ENCOR ENSPIRE® Breast Biopsy System's half-sample mode: "Some lesions are very close to the skin and the half-sample option allows us to biopsy those patients successfully without missing a lesion, getting an insufficient sample or taking too much skin where we would have to suture the patient."

Some systems offer a separate needle designed to address this challenge, but Surgical Oncologist S. Chace Lottich,



Half-sample mode can be activated by the touch of a button.

M.D., finds that having separate needles often results in product waste and reinsertion. "If you've opened the full size needle and realize that the petite needle is the better choice, the first needle is discarded and the patient and insurance company are charged for two devices resulting in higher cost, a less efficient process, and increased procedure time," she explains.

"What is great about the half-sample feature is the fact that after you've inserted the needle and realized the aperture is too large, you can simply switch to the half size mode and proceed with the biopsy with no added cost or inconvenience for the patient."

S. Chace Lottich, M.D.

Sample Automation Helps Acquire Better Samples with Less Repositioning



When targeting smaller lesions, or lesions near a chest wall or major blood vessel, aligning the needle aperture with the lesion can present a challenge. In these situations, Dr. Lottich finds that utilizing the sample aperture visualization and automated sampling features enhances her ability to target and secure quality samples.

She explains, “If you’re doing a chest wall lesion, sometimes you’re in great position, but the needle is at the bottom of your target. So, you touch the screen and just choose the 9 to 3 o’clock sampling positions to rotate the aperture to the top and sample automatically. There is a lot of adaptability that I just don’t think is there with other products without a lot of maneuvering and manipulating your wrist and the patient.”

Radiologist Megha Garg, M.D. reports similar experiences and also finds that sample automation enables her to reduce biopsy time. “I can focus more of my attention on the patient rather than the sampling process.”

“Sample automation reduces wrist rotation during sampling in ultrasound, and, in stereotactic procedures, I use the foot pedal. It’s a comfort issue for me and it cuts procedure time for the patient.”

Jason Hechtman, M.D., F.A.C.S.



The touch screen allows the user to pre-select sampling patterns and monitor sampling progress during the procedure.

“There is a lot of adaptability that I just don’t think is there with other products without a lot of maneuvering and manipulating your wrist and the patient.”

S. Chace Lottich, M.D.

“With the ENCOR ENSPIRE® Breast Biopsy System you see the aperture, can change the aperture size, and choose a dense setting—it all makes the needle adaptable to the patient and makes it easy to use.”

Linda B. Griska, M.D.

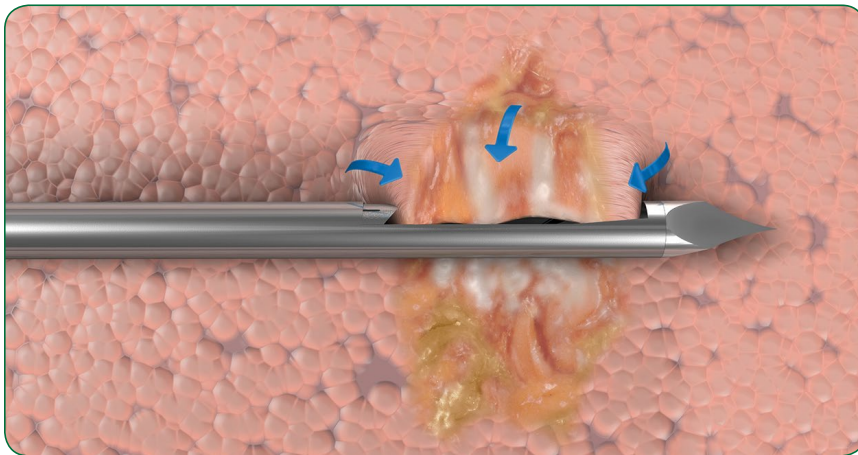
Dense Tissue Mode Contributes to Quality Samples



Attaining a solid, contiguous sample in dense tissue presents a challenge for many biopsy devices. “Some of the breast tissue can be almost like concrete,” notes Dr. Griska, “And, if you miss the lesion, then the patient is going to go have a surgical biopsy, so the the ENCOR ENSPIRE® Breast Biopsy System’s sharp needle and dense tissue mode are very important.”

Once activated, dense mode provides for longer dwell time and slower cutting speed. This feature is designed for dense, very difficult fibrous tissue.

Dr. Garg agrees that dense tissue mode is very helpful in securing a quality sample: “Even in a denser lesion it helps me obtain a good sample size.”



Dense tissue mode can be activated by the touch of a button without the need to change any equipment mid-procedure.

Conclusion

Interviewed separately, all four physicians found that the ENCOR ENSPIRE® Breast Biopsy System provided great flexibility to adapt to challenging lesions while in the breast.

Featured Physicians¹



Linda B. Griska, M.D.,
Director of Breast
Health Services,
Abington Health
Medical Director,
Mary T. Sachs Breast
Center, 30 biopsies weekly.



Megha Garg, M.D.,
Director of Breast Imaging
Ellis Fischel Cancer Center
University of Missouri -
Columbia,
15 biopsies weekly.



S. Chace Lottich, M.D.,
Community Breast South
Hospital, Indiana Surgeon,
10 biopsies weekly.



Jason Hechtman,
M.D., F.A.C.S., Medical
Director, The Breast
Institute at Brandon
Regional Hospital,
15 breast biopsies weekly.

ENCOR ENSPIRE® Breast Biopsy System: The Only Smart Breast Biopsy System

In-breast adaptability is just one way the ENCOR ENSPIRE® Breast Biopsy System transforms the breast biopsy experience for you, your patient, and your practice.

- Intuitive touch screen interface
- Palm-sized hand piece
- Sleek ergonomic design
- Multi-modality flexibility

The ENCOR ENSPIRE® Breast Biopsy System is designed to deliver more control for you, more comfort for your patient, and greater efficiency for your practice.

One look and you'll know it's different. One touch and you'll know it's smart.



1. Linda B. Griska, M.D. Megha Garg, M.D., S. Chace Lottich, M.D. and Jason Hechtman, M.D., F.A.C.S. are currently consultants for Bard Biopsy Systems.

ENCOR ENSPIRE® Breast Biopsy System

INDICATIONS: The ENCOR ENSPIRE® Breast Biopsy System is indicated to provide breast tissue samples for diagnostic sampling of breast abnormalities. **CONTRAINDICATIONS:** ENCOR ENSPIRE® Breast Biopsy System is contraindicated for those patients where there is an increased risk of complications associated with percutaneous removal of tissue samples. **WARNINGS:** The ENCOR ENSPIRE® Breast Biopsy System must be properly grounded to ensure patient safety. • Use of accessories not compatible with the ENCOR ENSPIRE® Breast Biopsy System may create potentially hazardous conditions. **PRECAUTIONS:** This equipment should only be used by a physician trained in its indicated use, limitations, and possible complications of percutaneous needle techniques. • Patients who may have a bleeding disorder or who are receiving anticoagulant therapy may be at increased risk of complications. • As with any biopsy instrument, there is a potential for infection. **POTENTIAL COMPLICATIONS:** Potential complications are those associated with any percutaneous removal/biopsy technique for tissue collection. Potential complications are limited to the region surrounding the biopsy site and include hematoma, hemorrhage, infection, a non-healing wound, pain and tissue adherence to the biopsy probe while removing it from the breast. **Please consult package insert for more detailed safety information and instructions for use.**

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