

# Accusyte™ 3-D Fiducial Marker System






**FOR POST-OPERATIVE  
TUMOR CAVITY MAPPING**



# About Accusyte 3-D Fiducial Marker

Accusyte 3-D Fiducial Markers are used to mark the location of a tumor cavity after the tumor has been removed. The simple implantation method of 4-6 markers ensures 3-D visualization of all tumor borders using a wide array of imaging modalities. The minimally invasive design of the marker maximizes patient comfort and minimizes migration of the fiducial. The markers are also indicated where soft tissue needs to be marked for future medical treatment. The use of the Accusyte marker allows for more accurate targeting of radiation delivery resulting in reduced radiation exposure to adjacent healthy tissues and organs.

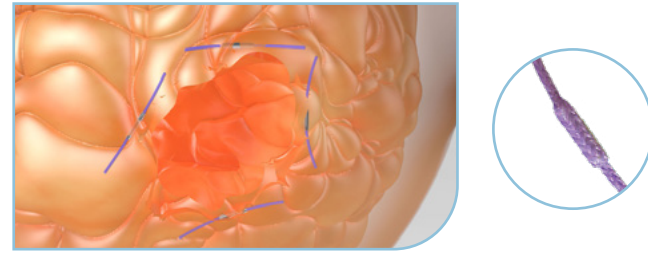
## Disease Site Recommendations

-  BREAST
-  HEAD & NECK
-  LUNG
-  ABDOMEN
-  PROSTATE

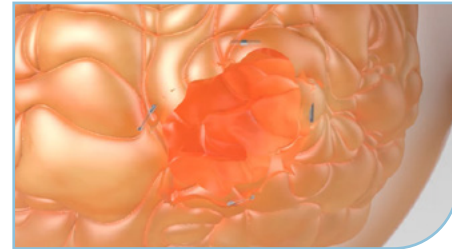


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## Easy Implantation, No Migration



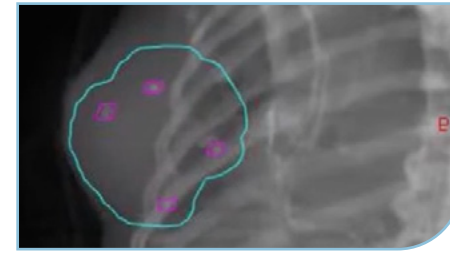
The fiducials are woven within the absorbable suture. They are sewn into place using the same technique as other sutures commonly used.



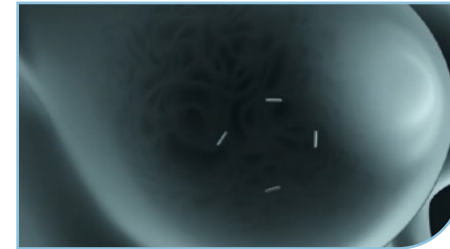
When the body absorbs the suture, the fiducial markers remain embedded within the tissue.

Migration of the markers from their original position is unlikely, as the tissue produced during the healing process holds the markers in place.

## Treatment Planning Benefit



Accusyte fiducial sutures can mark all borders of a tumor cavity, which allows for accurate delineation of target volumes.



The fiducial markers are visible on all types of Imaging Modalities with minimal to no distortion (MR Conditional).

Photo for illustrative purpose



## Ordering Information

**MTSRP104** Accusyte 3-D Fiducial Marker Suture Set, 1 x 4 mm, 1 Box of 6 sutures

FDA CLEARED. ONLY AVAILABLE IN THE U.S.

# Dr. Kathleen Minnick Shares Experience Using Accusyte 3-D Fiducial Marker For Breast Patients



**What is remarkable is the simplicity of securing the markers during the lumpectomy and the ease of target ability for radiation treatment.**

DR. KATHLEEN MINNICK  
FLORIDA BREAST SURGICAL ONCOLOGY SPECIALIST

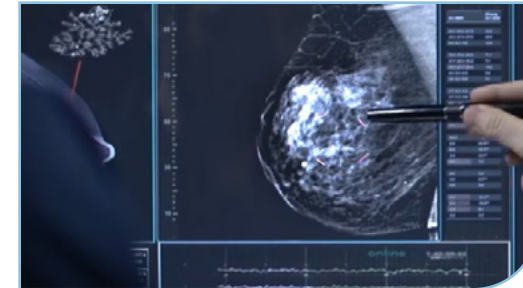


## Decades of Experience and Expanding Technology

Dr. Kathleen Minnick is a respected specialist in her field who has been operating for more than a quarter of a century. Her commitment to the work she gets to do is ever-present. She frequently expresses her feeling of gratitude for doing this work. The doctor shares, "I am humbled to be entrusted with something as precious as the patient's health and well-being, especially at a time when the patient is so vulnerable." From her office in South Florida, and the hospitals with which she is associated, Dr. Minnick continues to help her patients by using her decades of experience to provide her patients the maximum benefit of new technologies.

Whether you are a surgeon, a physician assistant, a nurse, or a patient, it is an exciting time in the world of medicine. Cutting-edge technologies are continually being introduced into the market. These improvements provide encouragement to those with a new diagnosis of breast cancer. Today, the vast majority of those diagnosed with early-stage breast cancer are candidates for surgical treatment that preserves the breast, a lumpectomy and sentinel node biopsy. All of those patients will need some form of radiation treatment in addition to their surgery. It has been a challenge to accurately mark the cavity due to the dynamics of the breast tissue. Accusyte

3-D Fiducial Marking System is changing that. Accusyte is an elegant solution to marking the cavity bed and provides the Oncoplastic breast surgeon the flexibility to mark the tumor bed regardless of its location. Accusyte 3-D Fiducial Markers are unlikely to migrate from where they are placed. The fiducial markers will also provide a tool for long-term follow-up on subsequent imaging, including mammograms.



## Simplicity of Sowing the Markers

Dr. Minnick explains, "What is remarkable is the simplicity of securing the markers during the lumpectomy and the ease of target ability for radiation treatment." Just as a GPS device will pinpoint your exact location in the middle of the ocean, the Accusyte 3-D Fiducial Marking System pinpoints the exact location of the lumpectomy site allowing for precise delivery of radiation treatment. For patients and surgeons alike, there is comfort and confidence in using this precise application. It is another tool Dr. Minnick uses to improve the quality of the breast cancer patients' experience.

Working with knowledgeable, committed colleagues who continually push for excellence inspires Dr. Minnick, who continues to strive to improve patient care. Accusyte 3-D Fiducial Marking System is a tool Dr. Minnick and surgeons like her use to do just that. "And the zest, strength, and love of life of my patients inspire me to be my best."



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