Magnetic Seed Localization

Magnetic Seed Localization (MSL) is a new technique to help Radiologists and Surgeons localize impalpable breast lesions.

Magseed (the size of a grain of rice) is inserted into the lesion under image guidance, up to 30 days prior to surgery. This flexibility simplifies the scheduling of patients, and allows them to go straight to the OR on the day of surgery minimizing delays and enhancing the patient experience.

In the OR Magseed is located using the Sentimag probe and can be detected from any direction, regardless of seed orientation. The seed has no moving parts and can’t be damaged when implanted. It is still detectable even if accidentally cut during dissection.

During surgery, through a combination of audio and visual feedback, the surgeon can use location of the seed to orientate the specimen and guide dissection.
Seed Size: 1 mm x 5 mm
Delivery System: 18-gauge needle
Implantation: Up to 30 days
Image Guidance: Ultrasound or Mammography
Sensing Depth: 30 mm – greater with palpation
Sensing Direction: Detectable from any orientation
Sensing Accuracy: Pinpoint to within a few millimeters
Seed Signal: No decay in signal over time
Can’t be damaged during placement
Still detectable if accidentally cut
Feedback: Real time audio and visual feedback
Bracketing: Seeds 20 mm apart or greater

About Sentimag
Sentimag is a minimally-invasive surgical guidance system addressing unmet needs in workflow efficiency, availability and affordability for surgical oncology. It is the world’s most sensitive handheld magnetic probe. Given its sensitivity, it can detect even minute quantities of magnetic material in the body to guide surgeons in a lumpectomy such as when using Magseed.

Contact us
1-877-926-2666
email: customerservice@mammotome.com
www.mammotome.com | www.endomag.com