

Magnetic seed
localisation



Magseed[®]



endomag⁺



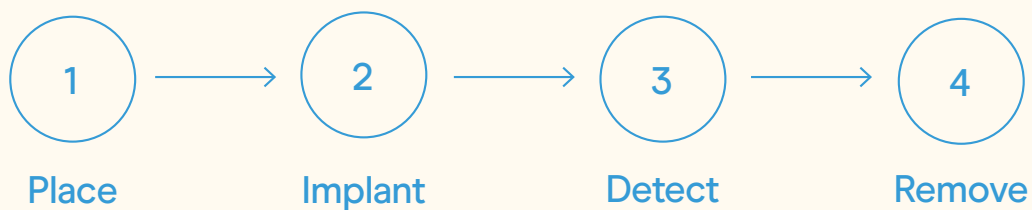
Magseed® is a small metal seed designed to accurately mark breast cancer or lymph nodes, allowing precise and accurate removal during surgery.

When implanted, it is passive and cannot be broken or deactivated. Magseed® has already helped tens of thousands of women have their breast cancer removed in one surgical procedure.



The marker designed for patients and physicians.

Magseed® has been designed to simplify breast cancer surgery. Once the tissue is marked with the seed, you and your patient can forget about it until the day of surgery.

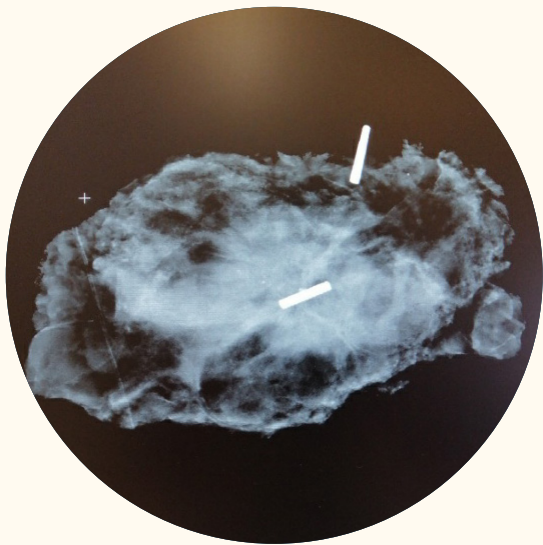


Placement

Magseed® allows you to choose when and where to place, giving you ultimate control.

Simple and accurate

The seed is smaller than a grain of rice and is inserted using an 18-gauge needle. Placing the seed is fast, simple and accurate.



Bright on imaging

Magseed® is highly visible on ultrasound, mammography and CEDM, making it easy to confirm the seed is in the right place.

Flexible scheduling

Magseed® can be implanted any time before surgery - allowing you to separate radiology and surgery schedules, reduce the number of patient visits and eliminate delays to operating list.



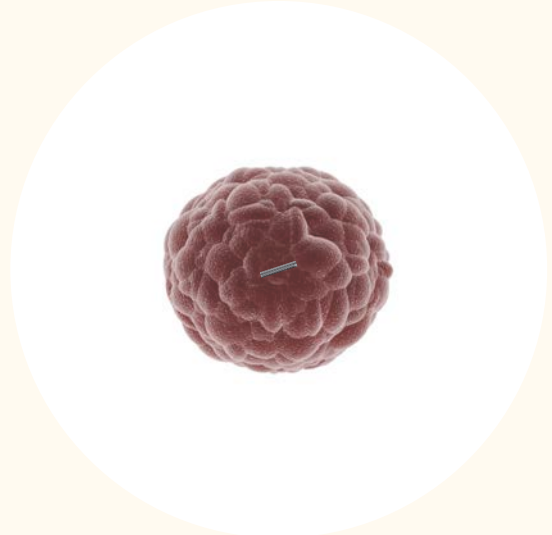


Implantation

Magseed® won't move, break or deactivate - no matter when it is implanted.

Locks in place

The unique design of Magseed® ensures it stays firmly implanted within the tissue, aiding accurate localisation later on.



Always reliable

Magseed® doesn't use computer chips or radio antennae like other seeds - it is completely robust, passive and cannot be deactivated in-situ.

Comfort for patients

Studies have shown Magseed® reduces patient anxiety and pain.¹ Patients cannot feel the seed once in place and can return to normal daily life.



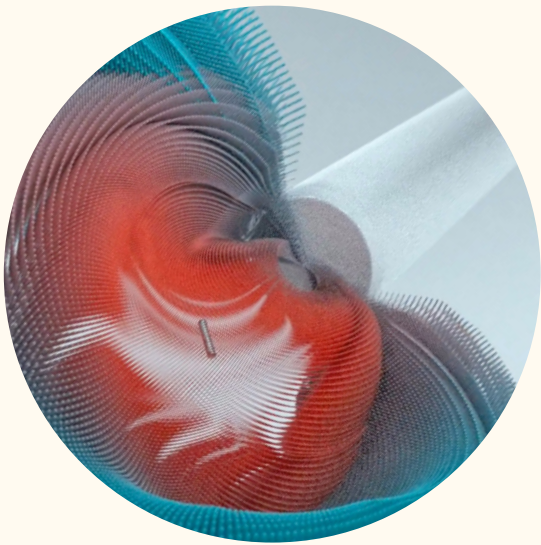
¹ Clinical data available on file at Endomag

Detection

Magseed® gives you confidence that it will always guide you to the cancer.

Simple to find

Whether shallow or deep breast lesions, Magseed® can always be found. A recent multi-center study¹ of 1,000+ patients showed a retrieval rate of 99.7%

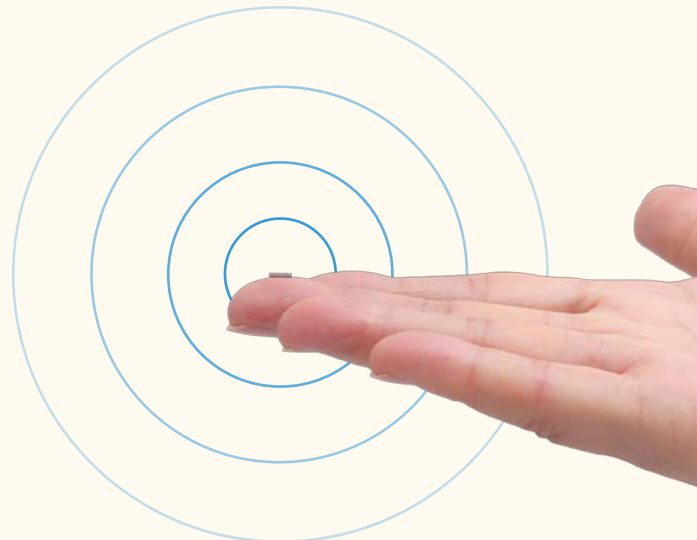


360° sensing

Magseed® has true universal sensing. It can be detected from any angle, allowing you full freedom in your surgical approach.

Reliable signal

Magseed® always emits a signal - so you will never be in a situation where the seed has deactivated, with no accurate way to find the cancer.



¹ Clinical data available on file at Endomag



Removal

Magseed® helps you accurately remove the cancer, leaving behind as much healthy tissue as possible.

Confidence you have it

Either intra-operative X-ray or the Sentimag® probe can be used to confirm an accurate removal of the tissue specimen containing the seed.



Magseed
(Meta-analysis)

11%

US Average
(No tumor on ink)

17%

UK Average
(1mm margin)

20%

Fewer return visits

Across clinical studies¹, Magseed® shows an 11% re-excision rate, meaning almost 9 in 10 patients had their cancer removed in a single surgery.

Better cosmetic outcomes

The unique design of Magseed® allows for minimally invasive approaches, smaller specimens and compatibility with current oncoplastic techniques.



¹ Clinical data available on file at Endomag

— The world's most used non-radioactive seed —

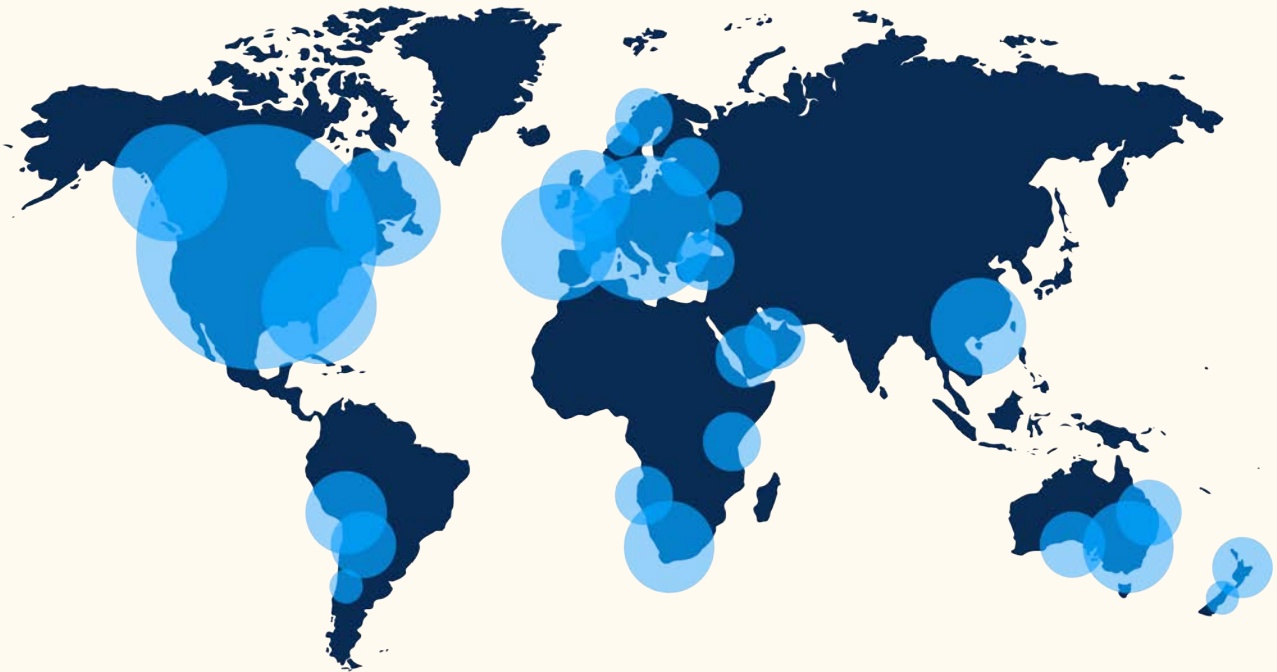
Across six continents, physicians are using Magseed® to improve the standard of breast cancer care.

6
continents

45+
countries

850+
hospitals

150,000+
localisations



— And most studied non-radioactive seed —

Magseed® data has been collected and published from over 9,000 patients, from clinical trials performed all over the world.

9000+
Magseed®

3970
Radar

2214
RFID

Patients involved in studies [Data correct as of Sept 2022]

— Trusted by experts —

Physicians from around the world have taken back control of their schedules by introducing Magseed® to provide better patient experiences.



“New technologies like Magseed enable us to accurately find out where the tumour is. So, we can take out small areas of breast tissue, but with a good margin around the cancer.”

Mr James Harvey
Consultant Oncoplastic and
Reconstructive Breast Surgeon,
South Manchester NHS Foundation Trust, UK



“In terms of cosmetic outcomes, things are much better with Magseed, because you’re able to choose where to make your incision freely and you don’t have to consider the wire that’s coming out of the breast.”

Andrea Behr, MD
Breast Surgical Oncologist
SSM Health, St Louis, MO



“Understandably, when women come into surgery, they feel a ton of anxiety about the procedure and about what’s going to happen. Magseed is amazing because it takes away the experience of the wire on the day of surgery.”

Anne Peled, MD
Oncoplastic & Reconstructive Breast Surgeon
Co-Director, Sutter Health, San Francisco, CA



“We’ve found Magseed easy to insert across the radiology team and it remains visible on imaging. Our surgeons have reported high satisfaction in retrieving the seed”

Victoria Sinnett
Consultant Breast Radiographer
Royal Marsden Hospital, London, UK

Magnetic localisation and staging

The Sentimag[®] platform



The most sophisticated surgical guidance platform available for breast cancer surgery

All of these surgical techniques in one platform

1

Seed localisation

Use Magseed[®] for precise seed localisation

2

Targeted axillary dissection

Mark previously positive nodes with Magseed[®], alongside SLNB

3

Sentinel lymph node biopsy

Inject Magtrace[®] in the OR or weeks ahead of surgery

— Magseed® marker technical specifications —

Magseed® has been designed to be the best for both physicians and patients, helping to replace the outdated technique of wire-guided surgery.

Seed size: Smallest seed on the market - 1mm x 5mm

Made from: Medical grade stainless steel (low Nickel)

Delivered by: Slimmest needle on the market - 18-gauge

Implantation: Long term, soft tissue

Image guidance by: Ultrasound, Stereotactic, Mammography, Tomosynthesis, CEDM

360° sensing: Detectable from any orientation

Depth calculation: Offers guidance on distance to the seed

Bracketing: Seeds 20mm apart or greater

Sensing accuracy: Milimetre precision
No requirement for tissue contact

Seed signal: No decay in signal over time
Signal not attenuated by tissue type
No interference from OR lights or surgeon headlamps

Robust: Cannot be damaged during placement
Cannot be deactivated by electrocautery

MRI: MRI conditional (1.5T and 3.0T)

**Clinical data available on file at Endomag*

endomag⁺

Improving breast cancer
treatment for everyone.

Contact us at

endomag.com/get-in-touch

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