

The Preferred Localisation Solution From Biopsy to Surgery

Long-term implant can be placed any time prior to surgery⁶



Highly visible under imaging, **including MRI**⁵



Precise surgical guidance with **accurate detection to $\pm 1\text{mm}$** ^{*,3}



360° detection and **60mm depth** capabilities³



Provides a **better patient experience**, recommended by 97% of patients¹



*Up to 50mm

Reliable RADAR Technology

Detect, Localise, Identify



SCOUT™ Radar Localisation

Non-radioactive and Non-magnetic for Consistent, Predictable Clinical Performance

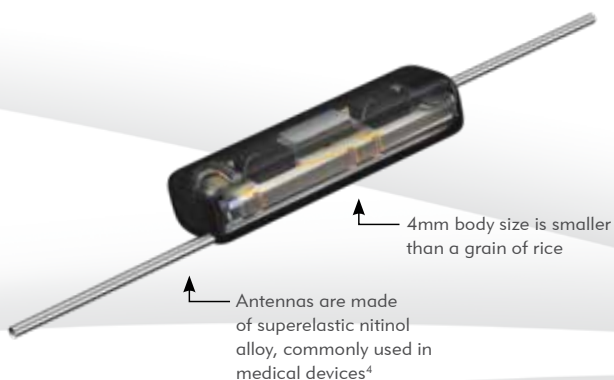
- Real-time distance measurement with 60mm detection range³
- 360° detection with $\pm 1\text{mm}$ accuracy^{*,3}
- O.R. compatible³
- No calibration required
- Documented 99.2% reliability⁷
- No need for plastic instruments in the O.R.

Innovative RADAR Reflector

- Can be used to mark soft tissue, including lymph nodes⁸
- Cleared for long-term implant – No restriction on the length of time the reflector can remain implanted⁶
- Does not interfere with MRI studies; no restriction on the imaging modalities that can be used effectively throughout treatment⁵
- Completely passive until activated by the SCOUT Guide

Precise Delivery System

- Ultrasound, radiographic and stereotactic guidance options provide flexibility
- Multiple delivery lengths accommodate imaging modalities and physician preferences



4mm body size is smaller than a grain of rice

Antennas are made of superelastic nitinol alloy, commonly used in medical devices⁴



*Up to 50mm

Consistent and Predictable Clinical Performance



Step 1: Informed Pre-Surgical Planning

Identifies Tumour Location & Depth

- 60mm detection range³
- Permits cosmetically-preferred incision¹²
- Actual distance measurement allows real-time planning of anterior margin⁹



Step 2: Real-Time Margin Definition During Surgery

Helps Optimise Surgical Goals

- 360° detection with $\pm 1\text{mm}$ accuracy³
- Instant response guides dissection path, eliminating guesswork
- Predictable specimen with real-time margin definition

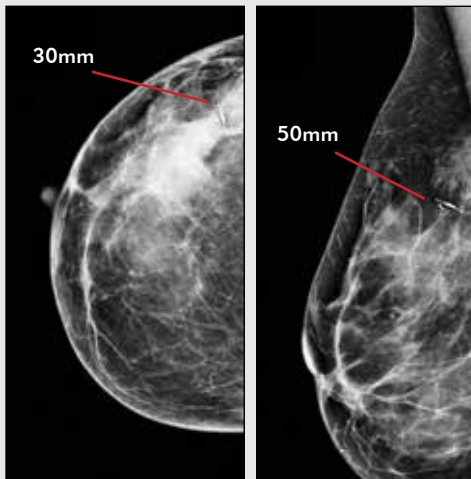


Step 3: Accurate Specimen Verification

Optimises Breast Conservation Strategy

- Confirms planned surgical margins relative to reflector location
- Accurate depth measurement when patients are in supine position

Accurate Depth Measurement Matters

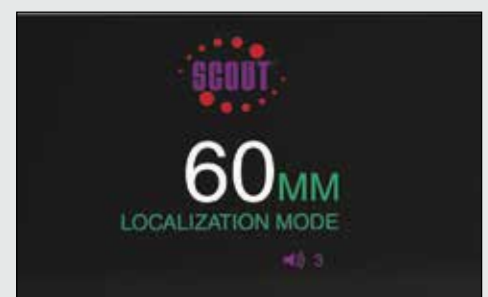


Mammographic Upright Views Prior to Surgery

The SCOUT system's true distance measurement overcomes challenges with mammography images when estimating tumour depth & location during supine surgical procedures, and allows surgeons to quickly identify location and depth of reflector to $\pm 1\text{mm}^*$ of accuracy prior to making incision.³



Measurement to Tumour in Supine Position Differs



SCOUT Provides Accurate True Distance Measurement**

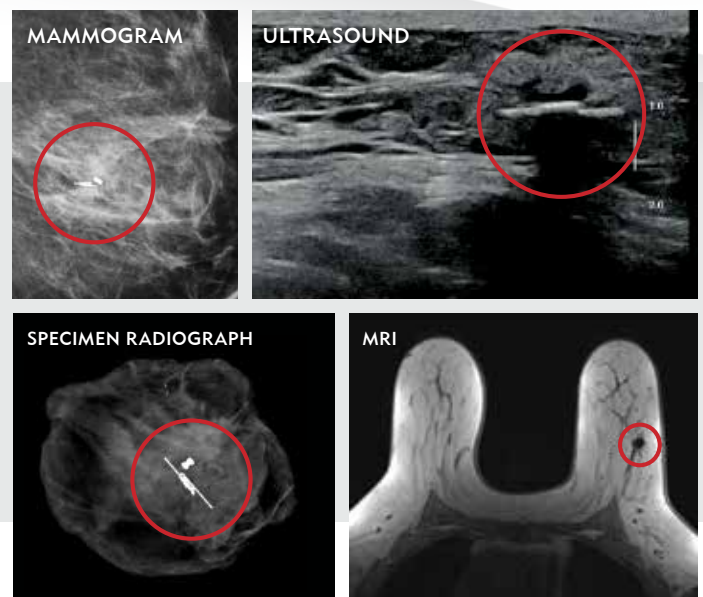
*Up to 50mm. ** Merit Medical data on file.

Excellent Visibility Under Imaging

Provides maximum flexibility with visualisation regardless of the imaging modality

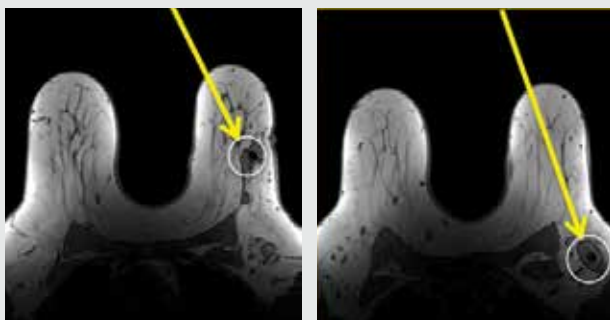
Shape provides unique radiographic and ultrasound images

Clinically insignificant MRI artifact⁵

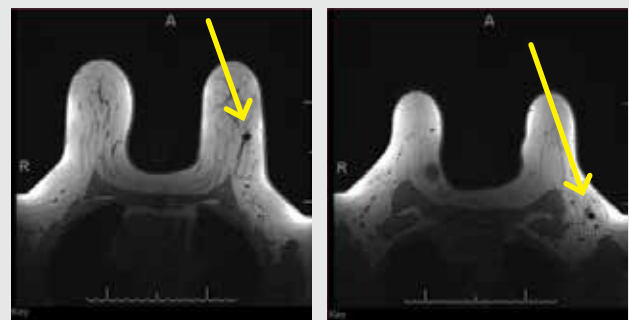


Insignificant MRI Artifact when Gauging Clinical Response⁵

Prior to Neoadjuvant Chemotherapy

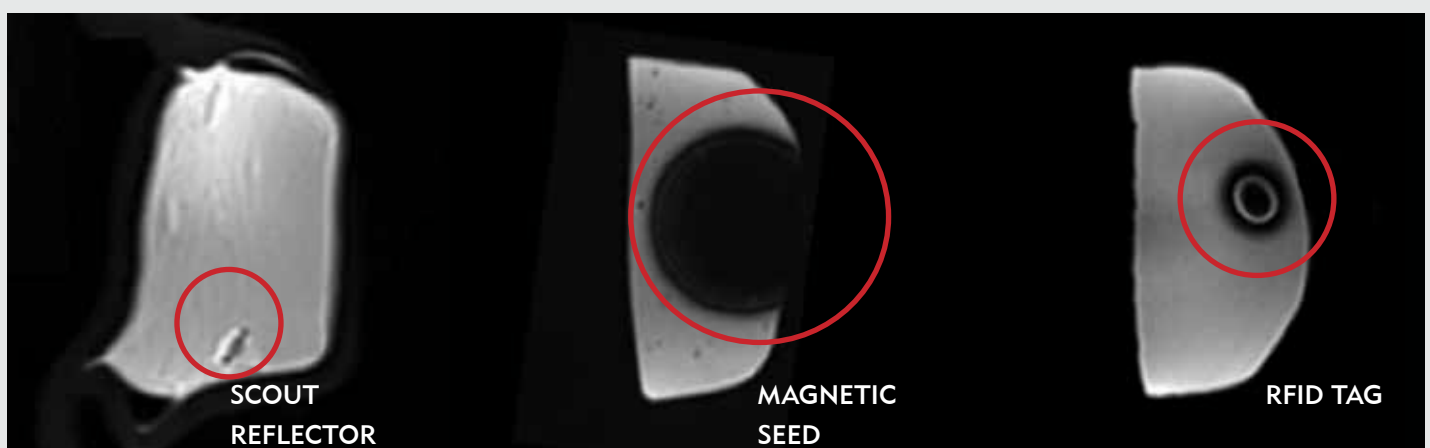


Post-Neoadjuvant Chemotherapy



SCOUT Radar technology promotes a streamlined Targeted Axillary Dissection; allowing surgeons to more easily identify previously biopsied nodes, even after neoadjuvant chemotherapy.^{11, 12}

Published MRI Artifact Comparison of Wire-Free Technologies⁵





A Better Experience for Patients And Physicians

- Significantly reduces O.R. start time delays¹
- Better oncoplastic procedure for better cosmetic outcomes¹

A Better Patient
Experience
97% of
Patients Would
Recommend
SCOUT¹

- Shorter day of surgery with decreased patient wait time¹
- Less anxiety on day of surgery¹
- Less patient discomfort vs. wires¹
- Potential to eliminate an entire procedure when placed at time of biopsy²
- May reduce re-excision rates⁹

85% of
Radiologists
Report **Better
Workflow**¹

- Feasible and safe to use multiple reflectors for bracketing¹⁰
- Decouples surgery and radiology schedules, making patient scheduling easy¹
- Reflector can be placed any time prior to surgery



Committed to Reducing the Burden of
Breast Cancer Treatment on Patients and their Loved Ones

Award Winning Localisation Technology





Delivery Needle and Reflector

SCOUT™ ORDERING INFORMATION

Model Number	Product Description	Minimum Order Quantity
SSC-01	SCOUT Surgical Guidance Console	1
SG-01	SCOUT Surgical Guide, Multiple-Use	1
SH-01	SCOUT Surgical Guide Sheath (sterile)	20
SSR05-01	SCOUT 5 cm Delivery Needle and Reflector	5
SSR75-01	SCOUT 7.5 cm Delivery Needle and Reflector	5
SSR10-01	SCOUT 10 cm Delivery Needle and Reflector	5
SSR75S-01	SCOUT 7.5 cm Delivery Needle and Reflector, Single-Hand	5
CHK-01	SCOUT Check™ Radiology Verification Console	1
SCRT-01	SCOUT Console and Accessory Cart	1



5 cm Delivery Needle



7.5 cm Delivery Needle



10 cm Delivery Needle



7.5 cm Single-Hand Delivery Needle

Find out why healthcare providers trust the clinical utility of RADAR Localisation.
Visit merit.com or email us at infoemea@merit.com today.

1. Cox C et al. A Prospective Single Arm, Multi-Site Clinical Evaluation of a Nonradioactive Surgical Guidance Technology for the Localisation of Non-Palpable Breast Lesions during Excision. *Ann Surg Oncol* 2016 Oct;23(10):3168-74. | 2. Hayes MK, Bloomquist EV, Wright H. SAVI SCOUT™ Improves Breast Surgery Operating Room Start Times Compared with Wire Localisation. Presentation at: American Society of Breast Surgeons 18th Annual Meeting, April 2017, Dallas, TX. | 3. Merit Medical R&D data on file. | 4. <https://www.mddionline.com/superelastic-nitinol-medical-devices> | 5. Hayes MK. Signal void artifacts in non-contrast T1 non-fat-saturated MR sequences. Update on Preoperative Breast Localisation. *Radiol Clin N Am* (2017); 591-603. | 6. Food and Drug Administration (FDA), 510(k) Letter K171767 - Cianna Medical SAVI Scout Reflector and SAVI Scout System: Implantable Chip (2017) 7. Merit Medical Data on file | 8. Food and Drug Administration (FDA), 510(k) Letter K181007 - Cianna Medical SAVI Scout Reflector and SAVI Scout System: Implantable Chip (2018) | 9. Jadeja PH, Mango V, Patel S, et al. Utilization of multiple SAVI SCOUT surgical guidance system reflectors in the same breast: A single-institution feasibility study. *Breast J*. 2017;1-4 | 10. Jadeja, Priya H et al. Pilot Study of SAVI SCOUT to localize non-palpable breast lesions to reduce re-excision. Presentation at: 12th Annual Academic Surgical Congress. Feb 7-9, 2017, Las Vegas, NV. | 11. Taback B, Jadeja P, Ha R. Enhanced Axillary Evaluation Using Reflector-Guided Sentinel Lymph Node Biopsy: A Prospective Feasibility Study and Comparison With Conventional Lymphatic Mapping Techniques. *Clin Breast Cancer*. 2018 Oct;18(5):e869-e874. doi: 10.1016/j.clbc.2018.02.001. Epub 2018 Feb 12. | 12. Storm-Dickerson T, Gold R. Utility of the SCOUT™ reflector as an efficient tool for the identification of index lymph node following completion of neoadjuvant chemotherapy. 2019. Merit Medical Systems, Inc. | 12. Chu Q. SCOUT Significantly Reduces Re-excision Rates. Presentation at: 12th Annual Academic Surgical Congress, February 7-9, 2017, Las Vegas, NV.

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Understand. Innovate. Deliver.™

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