

– FACT SHEET –

## SUTUREGARD® ISR Retention Suture Device

**Product Name:** SUTUREGARD® Intraoperative Skin Relaxation (ISR) Retention Suture Device

**Purpose:** Stress-relax skin before wound closure to decrease wound tension or as an alternative to skin flaps, grafts and second intent healing.

**Catalog/SKU #:** SRD001

**Price:** \$300/box of 12 devices, with discounts at volume. Each SUTUREGARD® ISR pouch contains ONE (1) deformable bridge and ONE (1) suture guide.

**FDA Registration:** 3015045268 (Class I)

**Insurance:** Kinsale Insurance Company, Policy #: 0100059727-2

**Manufacturing Information:** The SUTUREGARD® bridge is comprised of a stiff central elevated portion and two flexible and cushioned skin contact portions. The central portion protects the skin from clamping and un-clamping sutures. The flexible and cushioned skin contact arms provide a cushion to reduce pressure from the bridge on the skin. The SUTUREGARD® guide keeps the suture ends together to facilitate suture clamping and tensioning. All components pass biocompatibility FDA/GMP adhesive requirements.



### Clinical Case Example:



3.3cm wide defect following Mohs surgery for a basal cell carcinoma. 0 nylon retention suture with SUTUREGARD ISR bridge and guide used to relax skin for 45 minutes with progressive tightening. This allowed for layered linear closure and excellent final cosmesis

### Sample of Publications (full list [here](#)):

[Lear, W., Blattner, C., Mustoe, T., Kruzic, K. \(2019\). In vivo stress relaxation of human scalp. Journal of the Mechanical Behavior of Biomedical Materials, \(97\), 85-89.](#)

[Ferrell, K., Fancher, W., & Lear, W. \(2019\). Surgical Pearl: Use of a novel suture retention device to protect skin edges while using pulley suture technique for high tension wound closure. JAAD Case Reports.](#)

[Stoecker, A., Howerter, S., Fancher, W. & Lear, W. \(2019\). A novel suture retention device for intraoperative tissue support, JAAD Case Reports, 5\(5\), 454-457.](#)

[Blattner, C. M. et al. \(2018\). The use of a suture retention device to enhance tissue expansion and healing in the repair of scalp and lower leg wounds. JAAD Case Reports, 4\(7\), 655-661.](#)

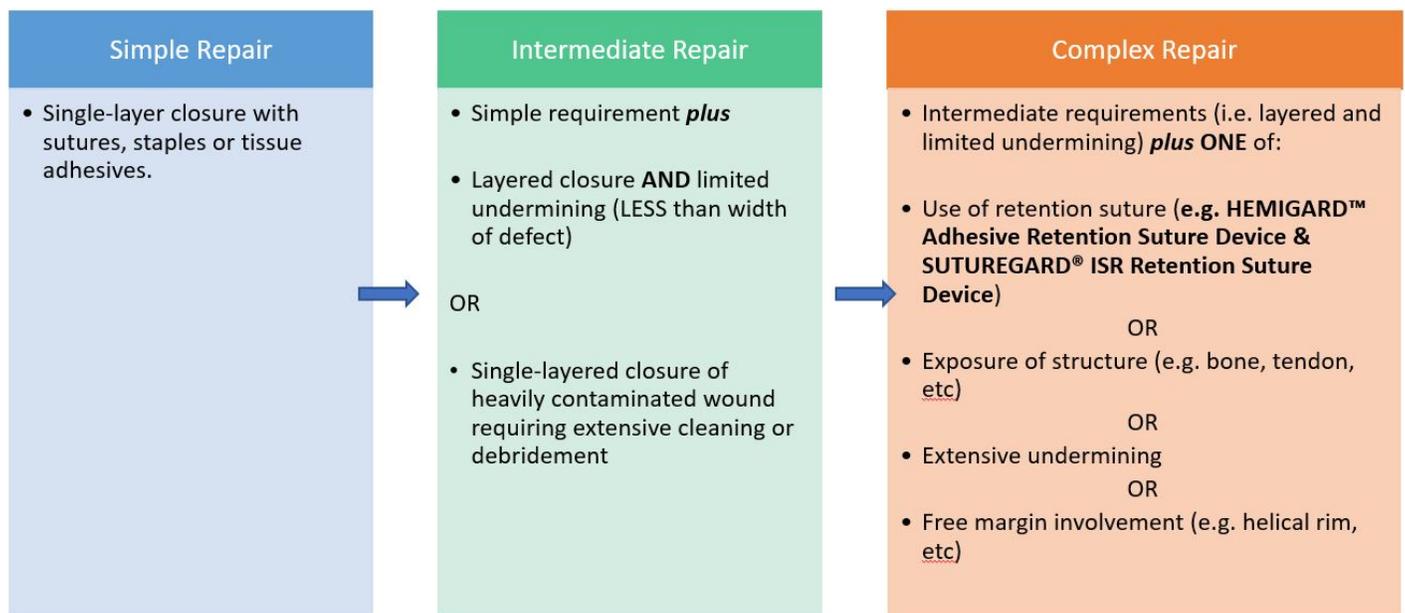
[Stoecker, A. Howerter, S., Young, J., & Lear, W. \(2018\). The use of a suture retention device with punctureless technique for rapid tissue expansion in facial and lower extremity wounds. JAAD Case Reports, 4\(9\), 910-914.](#)

**Improved Patient Satisfaction:** Surgeons can close wounds *linearly* that would otherwise require flaps or grafts, particularly on the scalp and nose. Patients report high satisfaction in avoiding flaps and grafts that require additional wounds and general anesthesia, and in retaining their natural hairline.

**Reduced Cost of Care:** Grafts and flaps are time-intensive, high-risk procedures that create additional wounds and in the hospital setting are often performed under general anesthesia.

#### Reimbursement:

### Reimbursement: Simple vs Intermediate vs Complex Repair Requirements



#### Contact Information:

SUTUREGARD Medical, Inc.  
4640 SW Macadam Avenue, Suite 200, Portland, Oregon, 97239  
1-844-585-8421  
[www.suturegard.com](http://www.suturegard.com)

Online purchasing option: [www.suturegard.store](http://www.suturegard.store)

POs submitted to: [info@suturegard.com](mailto:info@suturegard.com) or your SUTUREGARD Medical, Inc Sales Consultant

Complex Wound Closure Made *Simple*.