

## Clinical Testimonials

# INSORB® Absorbable Subcuticular Skin Stapler

*“The absorbable stapler has reduced our major procedure times by as much as 40 minutes, enhancing our productivity and saving money.”*

**Richard Hersh, M.D., Plastic and Reconstructive Surgery, Naval Medical Center, Portsmouth, VA**

*“Our clinical experience to date demonstrates that the INSORB Stapler is a superior alternative to metal skin staples and subcuticular suturing in terms of reduction in operative and anesthesia times, reduction in wound complications, elimination of needlesticks, and elimination of the need to remove staples post-operatively, and is significantly preferred by patients. We have experienced only 1 seroma and 1 hematoma to date with the INSORB Stapler in over 380 patients.”*

**K. Anthony Shibley, M.D., F.A.C.O.G., Obstetrics & Gynecology, Edina, MN**

*“We found that, with experience, closure times with the subcuticular skin stapler significantly reduced operative times by an average of 20–30 minutes for abdominoplasties and 15–20 minutes for breast reductions and mastopexies. In addition, we reduced the number of suture packs by approximately 30–50%. We found the reduced suture cost savings alone justified the cost of the absorbable stapler.”*

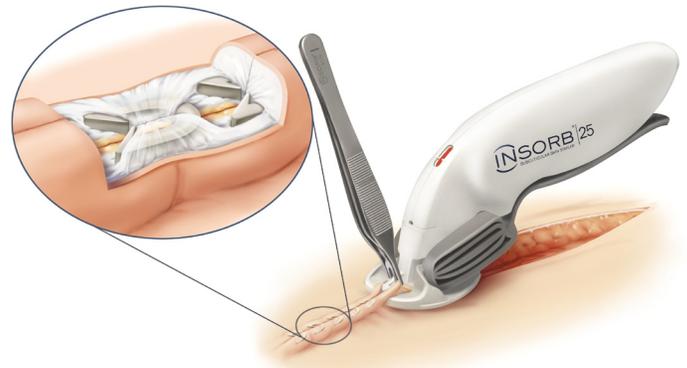
**Peter A. Vogt, M.D., F.R.C.S. (C), Plastic Surgery, Wayzata, MN**

*“The INSORB staple was associated with significantly reduced closure time, less inflammation and infection, and better aesthetic result compared to VICRYL™...In conclusion, the INSORB Staple is a superior choice for the closure of contaminated wounds compared to VICRYL suture, because the INSORB staples produce a significantly ( $p=0.009$ ) lower incidence of infection. The INSORB staple is a revolutionary advance in subcuticular skin stapling.”*

**R. F. Edlich, M.D., Ph.D., G.T. Rodeheaver, Ph.D., et al, Department of Plastic Surgery, University of Virginia**

*“The INSORB Stapler is the greatest invention to come along in 20 years! Not only does it save me a substantial amount of time, my patients absolutely love the cosmesis they are getting.”*

**J. Barry Robb, M.D., General Surgery, Salt Lake, UT**



*“The development of the INSORB Stapler represents a quantum leap forward in skin closure technology. It is elegant in its simplicity, easy to use, provides a safe and secure wound closure in a fraction of the operating time and gives a superior cosmetic result. In addition, there are no needle sticks with the INSORB Stapler. You cannot stick yourself, or your scrub nurse. This Stapler has revolutionized skin wound closure!”*

**Thomas Dressel, M.D., Plastic Surgery, Edina, MN**

*“The experience with the INSORB Subcuticular Skin Stapler includes the use of the absorbable staple for immediate closure of contaminated wounds that would have otherwise been managed by delayed primary closure... These closures have healed without further intervention or complications... Use of the absorbable staples resulted in reduced post-operative complications, low maintenance wounds, and the elimination of staple removal. Our patients expressed a high degree of satisfaction with the wounds closed by the absorbable staples.”*

**James H. Andrisevic, M.D., F.A.C.S.; Nancy Guttormson, M.D., F.A.S.C., General Surgery, Burnsville, MN**

*“Results indicated that absorbable subcuticular staples induced a less severe inflammatory response [with minimal scarring] in the early stages of healing in pigs, compare to other commonly used methods of wound closure. Use of absorbable staples potentially combines the benefits of subcuticular closure with the speed and precision of staple placement.”*

**J.L. Fick, D.V.M., R.E. Novo, D.V.M., M.S., N. Kirchoff, D.V.M., University of Minnesota, Minneapolis, MN**

*"We found that, with experience, closure times with the INSORB Stapler closely approximated closure times with a metal skin stapler, and was significantly faster than subcuticular suture closures. The observed short term cosmesis of the absorbable skin closures was superior to the resultant cosmesis of the metal staple skin closures. We have had experience with over 50 patients with absorbable subcuticular staples and have observed no infections, hematomas or seromas to date."*

**David L. Street, M.D., F.A.C.S., Vascular Surgery, Medford, OR**

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*"I had a breast reduction in February [2006]. The use of the INSORB|20 Stapler saved over an hour of surgical time from our 'standard' procedure. I was back to work in one week and felt great. A great tool to save cost and time in the operating room."*

**Kathy Fink, Plastic Surgery Assist, Minneapolis, MN**

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*"Remarkably good skin approximation without the risk of incisional marginal necrosis. My preferred method of skin closure for all cardiac, vascular, and thoracic patients. Provides the best skin healing I have ever seen."*

**Gilbert Schorlemmer, M.D., Cardiothoracic Surgery, Salt Lake City, UT**

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*"The INSORB Stapler is a tremendous new product. For Plastic Surgeons, the device significantly cuts operating room time and provides a secure dermal closure. I believe it will have widespread surgical application."*

**Dann K. Leonard, M.D., Plastic Surgery, Salem, OR**

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*"Visible cutaneous erythema and other signs of inflammation were not observed in our patients...We found a remarkable decrease in skin irritation over the incisional areas closed with absorbable staples compared to metal skin staple closures...The use of the absorbable staples eliminated the cost, patient discomfort and inconvenience associated with post-operative removal of metal skin staples. Patients have remarked of their satisfaction with regard to comfort and cosmesis of their wounds."*

**Mark Moskowitz, M.D., F.A.C.S, General Surgery**

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*"I am using a significant number of your INSORB Staplers. It takes an hour minimum off my operative time. I can perform an extra case each day. I have saved hours and hours."*

**Diane Duncan, M.D., F.A.C.S., Fort Collins, CO**

*"As a plastic surgeon, my patients are very concerned about the appearance of any scar created to improve their look. I started using the INSORB subcuticular stapling device on my abdominoplasty patients and immediately noted an improved appearance of the scar early in the post-op period. My patients have also commented on the excellent results. The device has also decreased my closure time substantially."*

**John Decorato, M.D., Plastic Surgeon, Staten Island, NY**

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*"The INSORB Stapler is the most important new technology in plastic surgery since the introduction of the tissue expander. This device enables me to close an incision in much less time with better clinical outcomes. Another added benefit is the substantial reduction in post-operative care and patient satisfaction is enhanced."*

**Richard Werner, M.D., Plastic Surgery, Minneapolis, MN**

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*"The INSORB Stapler created a beautiful deep dermal closure avoiding all the interrupted sutures while saving a minimum 45 to 60 minutes of surgical time. I calculated that on average we normally use 28 to 32 suture packs, however today we used 15. I can see the cost being nearly the same [as suture], but it dramatically reduced the operating room time and anesthesia."*

**Bonnie Goldman, Plastic Surgery Assist, New York, NY**

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*"I have switched almost exclusively to the INSORB Stapler for closure of the subcutaneous and dermal layers in my circumferential abdominoplasties. The closure is strong, gives good eversion and saves time in the OR."*

**Berish Strauch, M.D., Chairman, Department of Plastic Surgery, Montefiore Medical Center, Bronx, NY**

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*"I have recently tried the INSORB Subcuticular Skin Stapler on abdominoplasties and mastopexies. Especially in the abdominoplasties, it saved me about 30 minutes of meticulous sewing...[providing] a much better deep dermal suture than I can do by hand. I have used it in both my office operating suite and at the hospital. Especially at the hospital, saving time allows them to do more cases and it certainly translates to a better revenue at the hospital. I am very happy with this recent version of the INSORB Stapler and will continue to use it."*

**Michael F. Milan, M.D., Auburn Hills, MI**



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