



Prevena Restor™

Postoperative Recovery

The application of 3M™ Prevena Restor™ Adapti•Form™ Incision Management System to manage surgical incisions after gynecomastia surgery.

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Patient & Diagnosis

A 52-year-old male presented for gynecomastia surgery (**Figure 1**). The patient's medical history included hypertension, non-insulin dependent diabetes mellitus, and an adrenal tumor.

Procedure

Preoperative antibiotics (clindamycin) were administered. In the operating room, a gynecomastia surgery with free nipple skin grafting was performed. A 25 cm incision was created on each breast. The incisions were closed in the operating room using sutures (**Figure 2**).

Application of 3M™ Prevena Restor™ Adapti•Form™ Incision Management System

A 3M™ Prevena Restor™ Adapti•Form™ Dressing was chosen to help manage the surgical incisions and the surrounding soft tissue, bolster the incisions and surrounding soft tissue envelope, reduce tensile force across the incision, and help hold the incision edges together. The Prevena Restor™ Adapti•Form™ Dressing was applied over the incisions in the operating room and 3M™ Prevena Restor™ Therapy was initiated at -125 mmHg (**Figure 3**). The dressing was easy to apply, requiring 6 minutes of total application time and can remain in place for up to 7 days.



Figure 1. Pre-surgical consultation

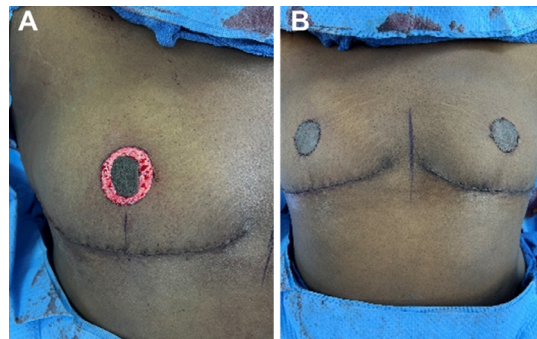


Figure 2. Closed incisions in the operating room. A. Breast incision closed with sutures; B. Nipple graft incisions closed with sutures.



Figure 3. Application of 3M™ Prevena Restor™ Adapti•Form™ Incision Management System over closed incisions.

Discharge and Follow-up:

After surgery, the patient was discharged home following anesthesia recovery. Seven days after surgery, the 3M™ Prevena Restor™ Adapti•Form™ Incision Management System was discontinued. The full thickness nipple grafts were 100% viable, the incisions well approximated, and minimal tissue edema was noted when the Prevena Restor™ Adapti•Form™ Dressing was removed (**Figure 4**). The patient reported no pain while wearing the Prevena Restor™ Adapti•Form™ Dressing. During the 14-day and 30-day follow-up visits, no pigment loss was observed in the full-thickness nipple areola grafts (**Figures 5-6**).

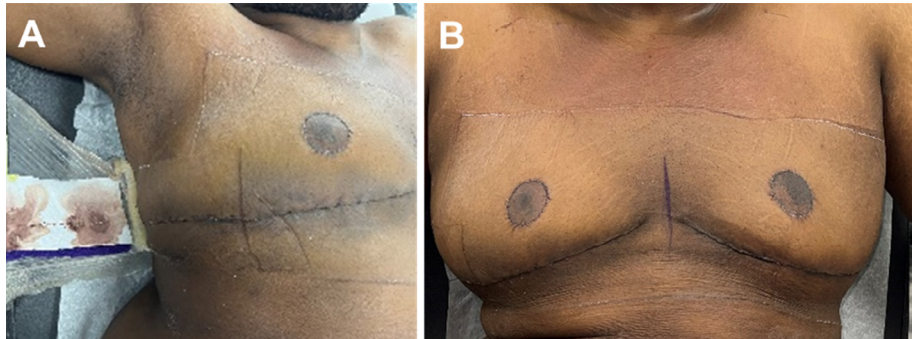


Figure 4. Dressing removal on post operative day 7. A. Right side view immediately after dressing removal; B. Frontal view of incisions after dressing removal.



Figure 5. Incisions remain intact and no pigment loss in the nipple areola grafts on post operative day 14.



Figure 6. Incisions remain intact and no pigment loss in the nipple areola grafts on post operative day 30.

Photos courtesy of Anthony N. Dardano, D.O., FACS, Delray Medical Center, Boca Raton, FL. Dr. Dardano is a paid consultant of 3M. As with any case study, the results and outcomes should not be interpreted as a guarantee or warranty of similar results. Individual results may vary depending on the patient's circumstances and condition.

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