



V.A.C. VERAFLOR™ Therapy with V.A.C. VERAFLOR CLEANSE™ Dressing—Wound management during procedure for breast implant replacement

Mr. Ibbi Younis; Royal Free Hospital & University College Hospital, London, England, UK

A 34-year-old female underwent a bilateral breast reduction style mastectomy with immediate implant reconstruction. The right breast underwent mastectomy following a breast cancer diagnosis; while the left breast underwent a risk-reducing mastectomy. The patient had previously undergone radiation therapy. At the time of presentation, the patient displayed a dehisced left breast incision with purulent drainage and pyrexia. Laboratory tests revealed high CRP levels (a marker of infection) and a staphylococcus aureus infection of the left breast. The patient received intravenous antibiotics while in the hospital and a 2-week course of oral antibiotics upon discharge.

The left implant was removed and the area packed with V.A.C. VERAFLOR™ CLEANSE Dressing. Hydrocolloid dressings were placed over the periwound skin for protection. V.A.C. VERAFLOR™ Therapy was initiated using normal saline with a 10-minute dwell time followed by 2 hours of continuous negative pressure at -125 mmHg. After 3 days, the dressing was changed and V.A.C. VERAFLOR™ Therapy was reinitiated with V.A.C. VERAFLOR CLEANSE™ Dressing (**Figure 1**). The dressing was switched due to the need for a firmer dressing and a wound cleansing therapy goal. Therapy parameters included instillation with normal saline with a 10-minute dwell time followed by 3.5 hours of continuous negative pressure at -125mmHg.

After 3 days of therapy, the dressing was changed, and an expander implant was placed within the left breast pocket (**Figure 2A-C**). PREVENA™ Incision Management System with the PREVENA™ PEEL & PLACE™ Dressing – 20cm was applied (**Figure 2D**). Hydrocolloid dressings were used to protect the periwound skin.



Figure 1: Application of V.A.C. VERAFLOR CLEANSE™ Dressing. **A.** Application of V.A.C. VERAFLOR CLEANSE™ Dressing; **B.** Initiation of V.A.C. VERAFLOR™ Therapy.

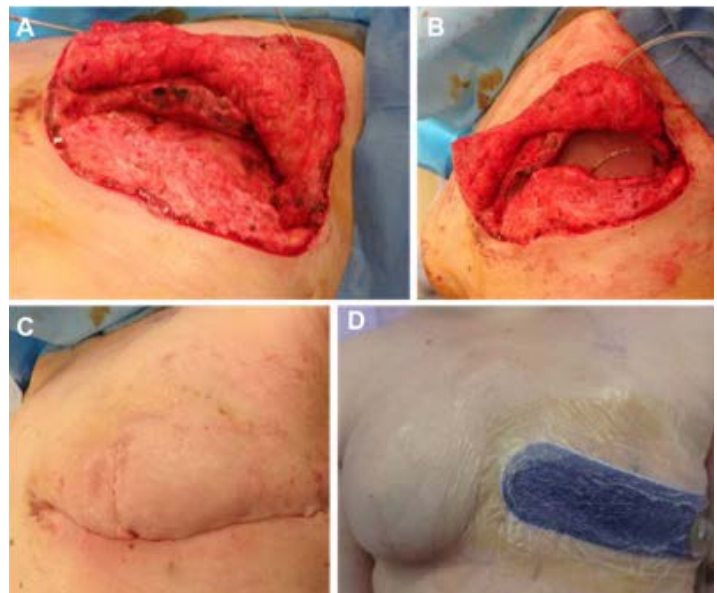


Figure 2: Placement of expander implant. **A.** Wound after V.A.C. VERAFLOR CLEANSE™ Dressing removal; **B.** placement of expander implant; **C.** Closed surgical incision; **D.** Application of PREVENA™ Incision Management System.

Left breast drains were removed 3 days after surgery. After 7 days, the PREVENA™ Incision Management System was removed. Over the course of 9 weeks, the implant was expanded to same volume of the contralateral side for symmetry (**Figures 3A-B**).

Implant exchanged was completed 18 months after V.A.C. VERAFLOR™ Therapy with no signs of infection or capsular contracture (**Figure 4A-B**).

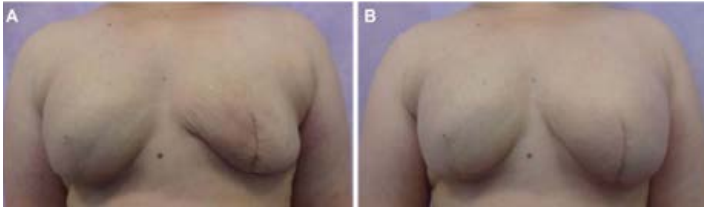


Figure 3: Left implant expansion over 9 weeks. **A.** Left breast 3 weeks after surgery; **B.** Left breast 12 weeks after surgery.

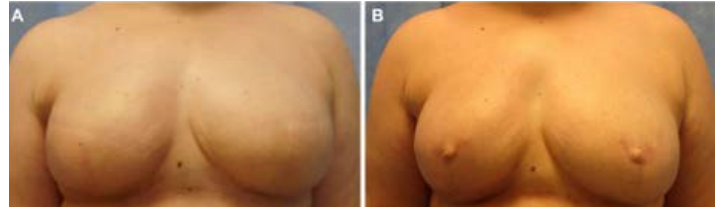


Figure 4: Breasts after implant exchange and nipple reconstruction. **A.** Before nipple reconstruction; **B.** After nipple reconstruction.

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NOTE: 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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