

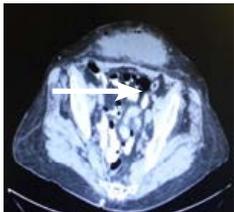
Patient was a 76-year-old female with a recent ventral hernia repair that was reinforced with an onlay polypropylene mesh. After hernia repair, the patient was discharged on postoperative day 2, but was readmitted on postoperative day 13 with hypotension, dehydration, and leukocytosis.

An abdominal CT revealed an air-fluid collection in the abdominal wall (**Figure A**). In an attempt to resolve the air-fluid buildup, percutaneous drainage was performed with subsequent open operative incision and drainage and removal of the mesh (**Figure B**). Cultures were positive for several Gram-positive and Gram-negative bacteria.

V.A.C. VeraFlo™ Therapy (KCI, an Acelyty company, San Antonio, TX) was initiated using a V.A.C. VeraFlo Cleanse™ Dressing (KCI, an Acelyty company, San Antonio, TX) (**Figure C**). The wound was partially closed (**Figure D**) and the V.A.C. VeraT.R.A.C. Duo™ Tube Set (KCI, an Acelyty company, San Antonio, TX) was used (**Figure E**). A hypochlorous solution (Microcyn® Negative Pressure Wound Therapy Solution with Preservatives, Oculus Innovative Sciences, Petaluma, CA) was instilled with a dwell time of 10 minutes, followed by 4 hours of continuous negative pressure at -125mmHg. On postoperative day 3, the wound appeared clean prior to the first dressing change (**Figure F**). On postoperative days 5 and 7, the dressing was replaced with smaller V.A.C. VeraFlo Cleanse™ Dressing pieces on either side of the sutures, and the V.A.C. VeraT.R.A.C. Duo™ Tube Set was re-applied (**Figures G-H**).

Penrose drains were placed on postoperative day 10 as the wound progressed toward closure (**Figure I**). On postoperative week 4, the wound continued to heal and close without complication (**Figure J**).

Abdominal Wound Following Ventral Hernia Repair



A. Abdominal CT revealing air-fluid collection



B. Open operative incision



C. Placement of V.A.C. VeraFlo Cleanse™ Dressing



D. Partially closed wound



E. Application of V.A.C. VeraT.R.A.C. Duo™ Tube Set



F. Wound appearance prior to first dressing change on postoperative day 3



G. V.A.C. VeraFlo Cleanse™ Dressing replacement



H. Re-application of V.A.C. VeraT.R.A.C. Duo™ Tube Set



I. Placement of Penrose drains on postoperative day 10



J. Closed wound on postoperative week 4

Patient data and photos courtesy of Tom A. Wolvos, MD, FACS, Scottsdale Healthcare Osborn Medical Center, Scottsdale, AZ. Used with permission from Journal of Wound Care.

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.

For more information, visit www.kci1.com or call 1.800.275.4524