Port-Site Closure

As a replacement for sutures or staples, DERMABOND PRINEO System provides minimally invasive closure — no holes in the skin, no sutures or staples

**Patient satisfaction**

- Patient may be able to shower immediately after the procedure, if directed by the healthcare professional
- At the time of removal, DERMABOND PRINEO System is associated with less pain than other wound closure devices
- No post-surgical dressings may mean easier self-care and greater self-confidence for patients
- Results in excellent cosmesis

**Protection and strength**

- Provides microbial-barrier protection 99% effective in vitro for 72 hours against organisms commonly responsible for surgical site infection (SSI):
  - Demonstrated in vitro inhibition of Methicillin-resistant Staphylococcus aureus, Methicillin-resistant Staphylococcus epidermidis, and Escherichia coli
- Powerful combination of topical skin adhesive and self-adhering mesh, provides significantly greater skin-holding strength than skin staples, subcuticular suture or DERMABOND ADVANCED® Topical Skin Adhesive

*Staphylococcus epidermidis, Escherichia coli, Staphylococcus aureus, Pseudomonas aeruginosa, and Enterococcus faecium
†Clinical significance unknown
‡In an ex vivo study, more load in N was required to create a 3 mm gap between skin edges approximated with DERMABOND PRINEO System (22 cm) than with subcuticular 4-0 MONOCRYL® (polyglactin 910) Suture or PROXIMATE® Ethicon EndoSurgery skin staples (P<.001).
§Study performed ex vivo.
Application highlights below. For complete product details see Instructions for Use.

1. Prepare port sites for closure as per product IFU.

   Verify that incisions are clean, dry, and hemostatic. Close deep layers such that there is no tension on the skin edges. The skin edges must be closely approximated prior to application of the mesh, such that significant manual approximation is not required during mesh application.

2. Remove mesh from mesh carrier. Using sterile scissors, trim mesh patch to length ensuring that 1 cm of mesh extends past both ends of the incision.

   Do not discard the unused portion of the mesh as it will be used to close additional port sites.

3. Remove the center paper backing on the mesh. Apply the mesh, pressing gently to ensure intimate contact with the selected side of the incision.

4. Gently pull the mesh perpendicularly over the incision while adjusting with fingers to achieve approximation and affix the remainder of the mesh to the other side of incision; remove both paper backings/frames.

5. Spread liquid adhesive smoothly and evenly over the entire surface of mesh tape and surrounding skin area.

   Do not apply a second coat.

6. After about 60 seconds, check that the polymerization process is complete by gently dabbing along the incision with a gloved finger.

   When no liquid or tackiness is apparent, the polymerization process is complete and the site is closed and sealed.

   Repeat Steps 1-6 for each additional port site using the remainder of the mesh patch.

For complete indications, contraindications, warnings, precautions, and adverse reactions, please reference full package insert.