Beyond sutures and staples lies a more innovative solution

DERMABOND® PRINEO® Skin Closure System (42 cm)

DERMABOND PRINEO System provides minimally invasive closure – no holes in the skin

Protection and strength

• Provides significantly greater skin-holding strength than skin staples or subcuticular suture

• Distributes wound closure tension evenly along the incision and across the entire area of incision

• Provides a flexible microbial barrier with 99% protection in vitro for 72 hours against organisms commonly responsible for surgical site infection (SSI)

– Demonstrates in vitro inhibition of Methicillin-resistant Staphylococcus aureus, Methicillin-resistant Staphylococcus epidermidis, and Escherichia coli

Patient satisfaction

• Leads to greater overall patient satisfaction when compared to staples

• Leads to better cosmesis when compared to staples

• Patient may be able to shower immediately after the procedure if directed by a 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

*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 MONOCLY® (polyglaicaproline 25) Suture or PROXIMATE® Ethicon Endo-Surgery skin staples (P<.001).

†Staphylococcus epidermidis, Escherichia coli, Staphylococcus aureus, Pseudomonas aeruginosa, and Enterococcus faecium

‡Clinical significance unknown

§Double-blinded quantitative research study comparing surgeon experience with DERMABOND PRINEO System (22 cm) and skin staples in total knee arthroplasty. N=83 Orthopaedic surgeons. 90% CI. Fielded June/July 2017.
Expanding the portfolio with secure, protected closure of incisions up to 40 cm

Potentially improve outcomes and reduce cost
Based on a retrospective analysis of 1,942 TKA procedures, DERMABOND® PRINEO® Skin Closure System was associated with reduced readmission rates, reduced length of hospital stay, and reduced probability of discharge to non-home setting compared to skin staples.

![Comparative Skin-Holding Strengths](image)

**COMPARATIVE SKIN-HOLDING STRENGTHS**

<table>
<thead>
<tr>
<th></th>
<th>DERMABOND PRINEO System (22 cm)</th>
<th>Skin Staples</th>
<th>4-0 Subcuticular Suture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mean max load (N) prior to 3 mm gap (+/- 1 mm)</td>
<td>166.53</td>
<td>112.4</td>
<td>98.69</td>
</tr>
</tbody>
</table>

*Study performed on DERMABOND PRINEO System (22 cm).

References:
1. Kumar A. AST/2012-0290. Study to compare the tissue holding strength of DERMABOND PRINEO System (22 cm) with subcuticular 4-0 MONOCRYL® (poliglecaprone 25) Suture or PROXIMATE® Ethicon Endo-Surgery skin staples (P<.001).

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