

# DERMABOND®

## Beyond sutures and staples lies a more innovative solution

### DERMABOND® PRINEO® Skin Closure System (22 cm)



Powerful combination of 2-octyl cyanoacrylate (2-OCA)  
and self-adhering mesh

#### Protection

- Provides microbial-barrier protection 99% effective in vitro for 72 hours against organisms commonly responsible for surgical site infection (SSI)<sup>1\*</sup>
  - Demonstrates in vitro inhibition of bacteria (Methicillin-resistant *Staphylococcus aureus*, Methicillin-resistant *Staphylococcus epidermidis*, *Escherichia coli*)<sup>2†</sup>

#### Strength

- Significantly greater skin holding strength than skin staples or subcuticular suture<sup>3,4‡</sup>
- Redistributes tension away from the wound to the surrounding healthy surface area

#### Patient Satisfaction

- Patient may be able to shower immediately after the procedure, if directed by the healthcare professional<sup>5</sup>
- At the time of removal, DERMABOND PRINEO System is associated with less pain than other wound closure devices<sup>6</sup>
- No post-surgical dressings may mean easier self-care and greater self-confidence for patients<sup>7</sup>

**ETHICON**  
PART OF THE *Johnson & Johnson* FAMILY OF COMPANIES

Shaping  
the future  
of surgery

\**Staphylococcus epidermidis*, *Escherichia coli*, *Staphylococcus aureus*, *Pseudomonas aeruginosa*, and *Enterococcus faecium*

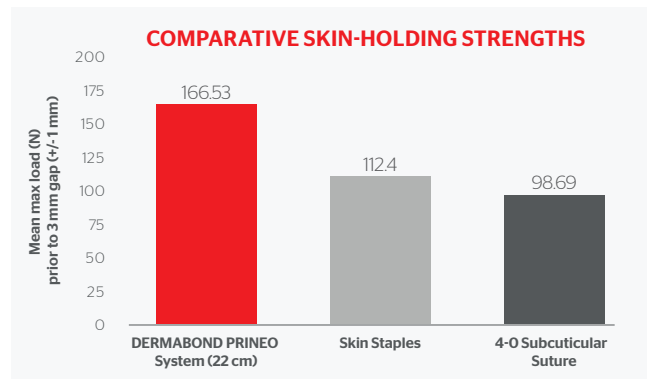
†Clinical significance unknown

‡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® (poliglecaprone 25) Suture or PROXIMATE® Ethicon Endo-Surgery skin staples (P<0.01).

# Technology that provides superior strength compared to **skin staples** or **4-0 suture**

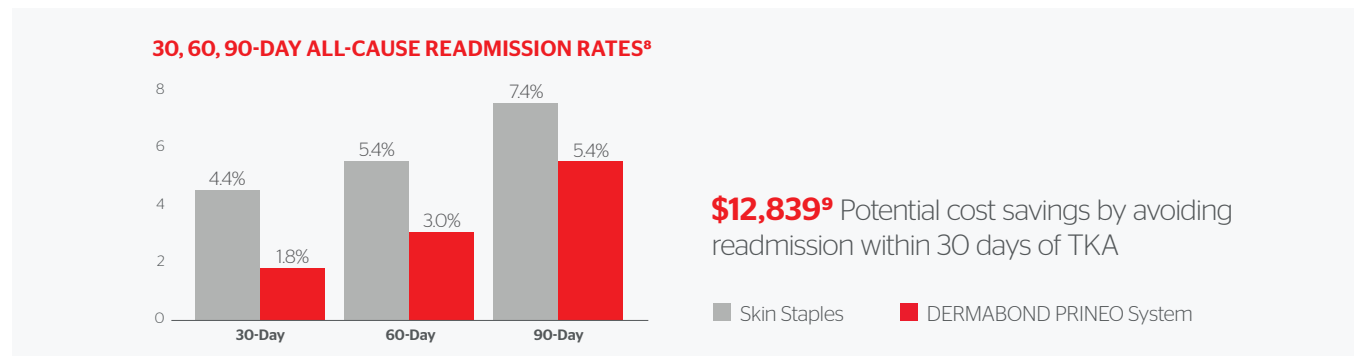
## DERMABOND® PRINEO® Skin Closure System (22 cm) was shown to be<sup>3,4\*</sup>:

- ~33% stronger when compared to the average strength of staples
- ~40% stronger when compared to the average strength of 4-0 suture



## DERMABOND PRINEO System may improve total knee arthroplasty (TKA) outcomes

Based on a retrospective analysis of 1,942 TKA procedures, DERMABOND PRINEO System was associated with statistically significant **reduced length of hospital stay, reduced probability of discharge to skilled nursing facility (SNF) or other non-home setting, and reduced readmission rates** when compared to skin staples.<sup>8</sup>



**12% reduction**  
in length of stay  
with DERMABOND PRINEO System<sup>8</sup>



**31% reduction**  
in discharge to non-home setting  
with DERMABOND PRINEO System<sup>8</sup>

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

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

**References:** 1. Su O6TR071 Study Report for in vitro evaluation of microbial barrier properties of DERMABOND ProTape. Ethicon, Inc. 2. Bhende In-vitro study to evaluate the ability of PRINEO™ Skin Closure System to kill bacteria on contact. Ethicon, Inc. 3. Kumar A. AST-2014-0246. Study to compare the tissue holding strength of DERMABOND® PRINEO® 22 cm Skin Closure System (DP22) to conventional wound closure techniques. Ethicon, Inc. 4. Kumar A. AST-2012-0290. Completion Report: Study to compare the tissue holding strength of PRINEO Skin Closure System with conventional wound closure techniques. 2012. Ethicon, Inc. 5. DERMABOND™ PRINEO™ Skin Closure System, Instructions for Use. Ethicon, Inc. 6. Parvizi D, Friedl H, Schintler MV, et al. Use of 2-Octyl Cyanoacrylate Together with a Self-Adhering Mesh (Dermabond™ Prineo™) for Skin Closure Following Abdominoplasty: An Open, Prospective, Controlled, Randomized Clinical Study. *Aesth Plast Surg.* 2013;37:529-537. 7. De Cock E, F. Mueller K, Tan R. Changing the surgical wound closure management pathway: time and supplies with PRINEO vs. standard of care for abdominoplasty surgery in Germany. Poster presented at: International Society for Pharmacoeconomics and Outcomes Research, 11th Annual European Congress: November 2008; Athens, Greece. Ethicon, Inc. 8. Stratafix & Prineo Study, RWE16\_ETH\_012. January 18, 2017. 9. Inflated Costs of Hip and Knee Replacement Index Stays and 30d Readmission.xlsx. Ethicon, Inc.