STRATAFIX™ Symmetric PDS™ Plus
Knotless Tissue Control Device

The only knotless tissue control device that is appropriate for fascial closure\(^1\,^2\)

Get more with STRATAFIX™
- More Security\(^2\,^3^*\)
- More Consistency\(^2\,^8^*\)
- More Efficiency\(^2\,^8^*\)

*Than traditional suture
What is important in fascial closure?

Strength

- After 14 to 28 days of healing, the fascia is self-supportive but still weak. Up to 3.5% of midline incisions result in dehiscence.11
- Fascia heals even slower in patients with co-morbidities such as diabetes—or due to other patient factors like smoking, poor nutrition, cancer, or AIDS.9,10
- Patient movement and intra-abdominal swelling increase abdominal pressure, placing added tension on the incision, and pulling the wound edges apart.11

Address risk factors of infection

- Surgical site infection (SSI) increases the risk of dehiscence and incisional hernia. SSIs can extend the inflammatory phase, during which the tissue has essentially no strength.15
- Bacterial colonization of the suture is a known risk factor for SSI.15

Technique

Continuous and interrupted closure both offer advantages yet compromise the overall outcome of the wound or procedure:

- Continuous closure combines efficiency with more consistent distribution of tension, but has greater risk of wound dehiscence and bacteria travelling along the suture.
- Interrupted closure is more time consuming but less likely to be compromised by a single break in the suture.14,17,18

The ideal choice for fascial closure would provide a high level of tension control, without compromising strength, security, and antibacterial protection.
STRATAFIX™ Symmetric PDS™ Plus
Knotless Tissue Control Device

Now achieve the efficiency and security of your wound closure without compromise.

Superior Strength

- STRATAFIX Symmetric PDS Plus Device demonstrated superior tissue holding strength compared to interrupted technique with Coated VICRYL® (polyglactin 910) Suture, continuous technique with PDS® II (polydioxanone) Looped Suture and V-LOC™ 180 Wound Closure Device²

- Initial breaking strength superior to Traditional PDS® Plus Antibacterial (polydioxanone) Suture¹

- In ex-vivo studies, multiple cuts to the STRATAFIX Symmetric PDS Plus Device placed in fascia did not result in tissue separation³

- In pre-clinical animal studies, STRATAFIX Symmetric PDS Plus Device showed wound healing equivalent to traditional PDS Plus suture and no biologically relevant tissue trauma at 7 days post-surgery¹⁹

Address risk factors of infection

Provides antibacterial protection against pathogens commonly associated with SSIs¹

- Irgacare MP (triclosan) in Plus Antibacterial Sutures has been shown to inhibit bacteria known to contribute to SSIs²⁰-²²

- Shown in vitro to inhibit bacterial colonization of the suture for 7 days or more, including bacteria commonly associated with SSIs²⁰-²²

Technique

STRATAFIX Symmetric PDS Plus Device combines the benefits of interrupted and continuous suturing techniques¹-⁹

Only Ethicon offers a knotless tissue control device, with Plus Antibacterial Technology, that is appropriate for closing high-tension areas, such as fascia¹²*
**STRATAFIX™ Symmetric PDS™ Plus**
Knotless Tissue Control Device

<table>
<thead>
<tr>
<th>Needle</th>
<th>Length</th>
<th>3-0</th>
<th>2-0</th>
<th>0</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>19 mm, 3/8 Circle, Reverse Cutting, PS-2</td>
<td>45 cm</td>
<td>SXPP1A101</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>24 mm, 3/8 Circle, Reverse Cutting, PS-1</td>
<td>45 cm</td>
<td>SXPP1A100</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>36 mm, 1/2 Circle, Reverse Cutting, OS-6</td>
<td>45 cm</td>
<td>SXPP1A200</td>
<td>SXPP1A201</td>
<td></td>
<td></td>
</tr>
<tr>
<td>26 mm, 1/2 Circle, Taper Point, SH</td>
<td>45 cm</td>
<td>SXPP1A410</td>
<td>SXPP1A409</td>
<td></td>
<td></td>
</tr>
<tr>
<td>26 mm, 1/2 Circle, Taper Point, CT-2</td>
<td>45 cm</td>
<td>SXPP1A408</td>
<td>SXPP1A407</td>
<td></td>
<td></td>
</tr>
<tr>
<td>36 mm, 1/2 Circle, Taper Point, CT-1</td>
<td>45 cm</td>
<td>SXPP1A403</td>
<td>SXPP1A401</td>
<td>SXPP1A404</td>
<td></td>
</tr>
<tr>
<td>40 mm, 1/2 Circle, Taper Point, CT</td>
<td>45 cm</td>
<td>SXPP1A406</td>
<td>SXPP1A405</td>
<td></td>
<td></td>
</tr>
<tr>
<td>48 mm, 1/2 Circle, Taper Point, CTX</td>
<td>45 cm</td>
<td>SXPP1A402</td>
<td>SXPP1A400</td>
<td></td>
<td></td>
</tr>
<tr>
<td>36 mm, 1/2 Circle, Taper Point, Ethiguard® Safety Needle, CTB-1</td>
<td>45 cm</td>
<td>SXPP1A301</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>48 mm, 1/2 Circle, Taper Point, Ethiguard® Safety Needle, CTXB</td>
<td>45 cm</td>
<td>SXPP1A302</td>
<td>SXPP1A300</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

For more information, contact your Ethicon representative or call 1-877-ETHICON.

For complete product details, see Instructions for Use.

**References:**

1. STRATAFIX™ Symmetric PDS™ Plus Knotless Tissue Control Device Instructions for Use. Ethicon, Inc.


© 2017 Ethicon US, LLC. 035869-46228