STRATAFIX™ Symmetric PDS™ Plus Knotless Tissue Control Device

Exceptional wound-closure strength for a variety of open, laparoscopic, and robot-assisted procedures

Get more with the STRATAFIX™ Knotless Tissue Control Devices portfolio

- More security
- More consistency
- More efficiency

*Than traditional sutures

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Expanded Portfolio for Greater Versatility

Multiple lengths for application in laparoscopic, robot-assisted, and open procedures across a variety of specialties

<table>
<thead>
<tr>
<th>Specialty</th>
<th>Procedure</th>
</tr>
</thead>
<tbody>
<tr>
<td>GYN</td>
<td>Hysterectomy, Myomectomy</td>
</tr>
<tr>
<td>Bariatric</td>
<td>Sleeve Gastrectomy</td>
</tr>
<tr>
<td>General Surgery</td>
<td>Hernia Repair</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Specialty</th>
<th>Procedure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orthopaedics</td>
<td>TKA, THA, Spine</td>
</tr>
<tr>
<td>Plastics</td>
<td>Abdominoplasty</td>
</tr>
<tr>
<td>OB/GYN</td>
<td>C-section, Hysterectomy, Myomectomy</td>
</tr>
<tr>
<td>General Surgery</td>
<td>Laparotomy Closure, Hernia Repair, Colorectal</td>
</tr>
</tbody>
</table>

The only barbed suture appropriate for closing high-tension areas, such as fascia

**Why is a strong fascial closure important?**

Following surgery, fascial wounds are self-supportive by 14-28 days post-op; however, a strong fascial closure is critical for preventing wound complications during healing12,13:

- **Dehiscence** occurs in up to 3.5% of midline incisions14
- **Surgical site infections** (SSIs) occur in up to 19% of midline incisions13,15-17
- **Incisional hernia** occurs in up to 23% of midline incisions15,17

**Superior tissue-holding strength**

- **39% stronger in fascia** than Coated VICRYL® (polyglactin 910) Suture (interrupted technique)
- **25% stronger in fascia** than Looped PDS® II (polydioxanone) Suture (continuous technique)
- **15% stronger in subcutaneous tissue** than V-Loc™ 180 Absorbable Wound Closure Device which is made from Maxon™ Suture1

**25% greater than Loop PDS**  
**39% greater than interrupted Coated VICRYL®**

Only barbed suture with the exceptional strength needed to close high-tension areas such as fascia11

The IFU for V-Loc™ 180 Device includes a warning against use in fascia18
One-piece core construction preserves tensile strength

Greater long-term strength retention

STRATAFIX™ Symmetric PDS™ Plus Knotless Tissue Control Devices provide 6 weeks extended wound-holding support while Medtronic’s V-Loc™ 180 Device, which is made from Maxon™ Suture, provides only 3 weeks of support.11,18

Premium Ethicon needles

All STRATAFIX™ Knotless Tissue Control Devices are paired with Ethicon needles

- Superior penetration and strength compared to V-Loc™ and Quill™ needles.19,20
- Resistant to bending and breaking
- Penetrate tissue smoothly
Take greater control of key risk factors related to Surgical Site Infections (SSIs)

**Triclosan-Coated Sutures are now supported by:**

<table>
<thead>
<tr>
<th><strong>Centers for Disease Control and Prevention (CDC)</strong></th>
<th><strong>World Health Organization (WHO)</strong></th>
<th><strong>American College of Surgeons Surgical Infection Society (ACS &amp; SIS)</strong></th>
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<tbody>
<tr>
<td>Guideline for the Prevention of Surgical Site Infections 2017*</td>
<td>Global Guidelines for The Prevention of Surgical Site Infection*</td>
<td>Surgical Site Infection Guidelines, 2016 Update*</td>
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</table>

*The CDC, WHO, ACS & SIS guidelines on reducing the risk of surgical site infections are general to triclosan-coated sutures and are not specific to any one brand.

**SSIs occur in up to 19% of midline incisions and can begin anywhere, from the skin to deep tissues**13,15-17

- Can increase the risk of dehiscence and incisional hernia13
- Extend the inflammatory phase, during which the tissue has essentially no strength24
- Bacterial colonization of the suture is a known risk factor for SSI24

**Bacterial colonization is a potential complication of suture knots and braided sutures.**24

**STRATAFIX™ Knotless Tissue Control Devices are the only commercially available barbed sutures with antibacterial protection**

Exclusive to Ethicon, Plus Antibacterial Technology is shown in vitro to inhibit colonization of the suture for 7 days or more—to address a known risk factor for SSI25-27

**BACTERIAL GROWTH**

<table>
<thead>
<tr>
<th>STRATAFIX™ Symmetric PDS™ Plus Knotless Tissue Control Device</th>
<th>V-Loc™ Wound Closure Device</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 days against <em>E. coli</em> 23 days against <em>S. aureus</em></td>
<td>0 days against <em>E. coli</em> 0 days against <em>S. aureus</em></td>
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</tbody>
</table>

The petri dish image is for illustrative purposes only, zone of inhibition testing results can vary.
Expanded portfolio to meet your closure needs in a variety of procedures and tissue types

A variety of lengths, sizes, and needle types to meet your specific wound closure needs

<table>
<thead>
<tr>
<th>Total number of codes</th>
<th>63</th>
</tr>
</thead>
</table>
| Suture sizes          | • 3-0  
• 2-0  
• 0  
• 1 |
| Suture lengths        | • 6” (15 cm)  
• 9” (23 cm)  
• 12” (30 cm)  
• 18” (45 cm)  
• 24” (60 cm) |
| Needle lengths        | 17 mm-48 mm |
| Paired with Ethicon’s premium needles | • Reverse Cutting  
• Taper Point  
• Tapercut®  
• Ethiguard® Safety Needle |

<table>
<thead>
<tr>
<th>Needle</th>
<th>Length (in)</th>
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<th>2-0</th>
<th>0</th>
<th>1</th>
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<tbody>
<tr>
<td>17 mm, 1/2 Circle, Taper Point, RB-1</td>
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<td>SXPP1A411</td>
<td>SXPP1A427</td>
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<tr>
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<td>12</td>
<td>SXPP1A447</td>
<td>SXPP1A448</td>
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<td>19 mm, 3/8 Circle, Reverse Cutting, PS-2</td>
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<td>26 mm, 1/2 Circle, Taper Point, SH</td>
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<td>SXPP1A415</td>
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<tr>
<td>26 mm, 1/2 Circle, Tapercut®, V7</td>
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• Code not yet available.
References: