Product Information

Plug

• Semiresorbable collar made of PLA microgrips
• Reinforced center made of monofilament polyester mesh in a 3-D design

Patch

• Lightweight monofilament polyester mesh with keyhole design
• Isoelastic textile properties for patient comfort
• Pore size 1.5 mm x 1.5 mm

PRODUCT CODES

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PNP6x3</td>
<td>6.5 cm round plug with keyhole patch</td>
</tr>
<tr>
<td>PNP8x3</td>
<td>8 cm round plug with keyhole patch</td>
</tr>
</tbody>
</table>
## Plug and Patch Redefined

<table>
<thead>
<tr>
<th>✔️</th>
<th>Low Recurrence and Complication Rates(^1)</th>
<th>The proven Plug and Patch technique provides a reliable repair</th>
</tr>
</thead>
<tbody>
<tr>
<td>✔️</td>
<td>Easy to Use</td>
<td>Unique plug design - PLA microgrip collar aids in formation and placement</td>
</tr>
<tr>
<td>✔️</td>
<td>Reproducible(^1)</td>
<td>The Plug and Patch technique provides consistent results</td>
</tr>
<tr>
<td>+</td>
<td>Designed for Improved Performance</td>
<td>PLA microgrips on plug provides immediate additional security prior to suture fixation(^2)</td>
</tr>
<tr>
<td>+</td>
<td>Designed for Improved Performance</td>
<td>PLA microgrips enable plug to conform to the defect size and shape</td>
</tr>
<tr>
<td>+</td>
<td></td>
<td>Microgrip collar aids in keeping large sacs retracted during the repair(^3)</td>
</tr>
<tr>
<td>+</td>
<td>Designed for Improved Patient Comfort</td>
<td>PLA component in Parietex™ plug means less long term foreign material after absorption(^2)</td>
</tr>
<tr>
<td>+</td>
<td></td>
<td>Lightweight monofilament hydrophilic patch designed with optimal surface porosity for faster tissue ingrowth</td>
</tr>
<tr>
<td>+</td>
<td></td>
<td>Isoelastic patch design</td>
</tr>
</tbody>
</table>

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2. The disk must be adequately fixated in order to minimize the risk of migration. We recommend the use of nonabsorbable fixation.
Histological Results

Macro Analysis of the Parietex™ Plug and Patch System in a Porcine Model One Month and Three Months After Implantation

PLUG AND PATCH

After one month

Good tissue ingrowth
No encapsulation

After three months

Histological Analysis of Mesh Materials in a Porcine Model One Month After Implantation

THE PLUG

Monofilaments Polyester and Polylactic Acid Plug (From Parietex™ Plug and Patch)

Polyester
Polylactic
Polypropylene
Inflammatory reaction

1000 μm

THE PATCH

Monofilament Polyester Mesh (Patch from Parietex™ Plug and Patch)

Polyester
Fibrotic
Polypropylene
Vascularization

1000 μm

Heavyweight Polypropylene Plug

Heavyweight Polypropylene Mesh
Product Overview

The Parietex™ plug and patch system is easy to use, allowing surgeons to maintain their proven technique while delivering enhanced patient comfort and intraoperative security through its innovative design.

**EFFECTIVE**
Developed for the proven plug and patch repair that yields low recurrence rates while providing consistent reproducible results.¹

**EASY TO USE**
Allows surgeons to maintain the same surgical technique as the standard plug and patch repair.

**CONFORMS TO DEFECT**
Resorbable microgrips enable plug to conform to the defect size and shape while providing additional security prior to suture fixation.²

Easy to Use

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² The disk must be adequately fixated in order to minimize the risk of migration. We recommend the use of nonabsorbable fixation.
IMPORTANT
Please refer to the package insert for complete instructions, contraindications, warnings and precautions.

For more information or to set up a product demonstration, contact your local Covidien Hernia Specialist or call Customer Service at 1-800-722-8772.