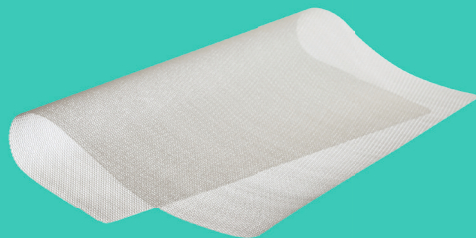


Prevention through intervention

**Build a strong foundation for
your patients' quality of life**

Phasix™ is a reliable, long-term
resorbable mesh used to reinforce
surgical incisions and reduce the risk
of incisional hernia.



With its expanded indication for prophylactic use, Phasix™ Mesh provides predictable strength in the long run.³

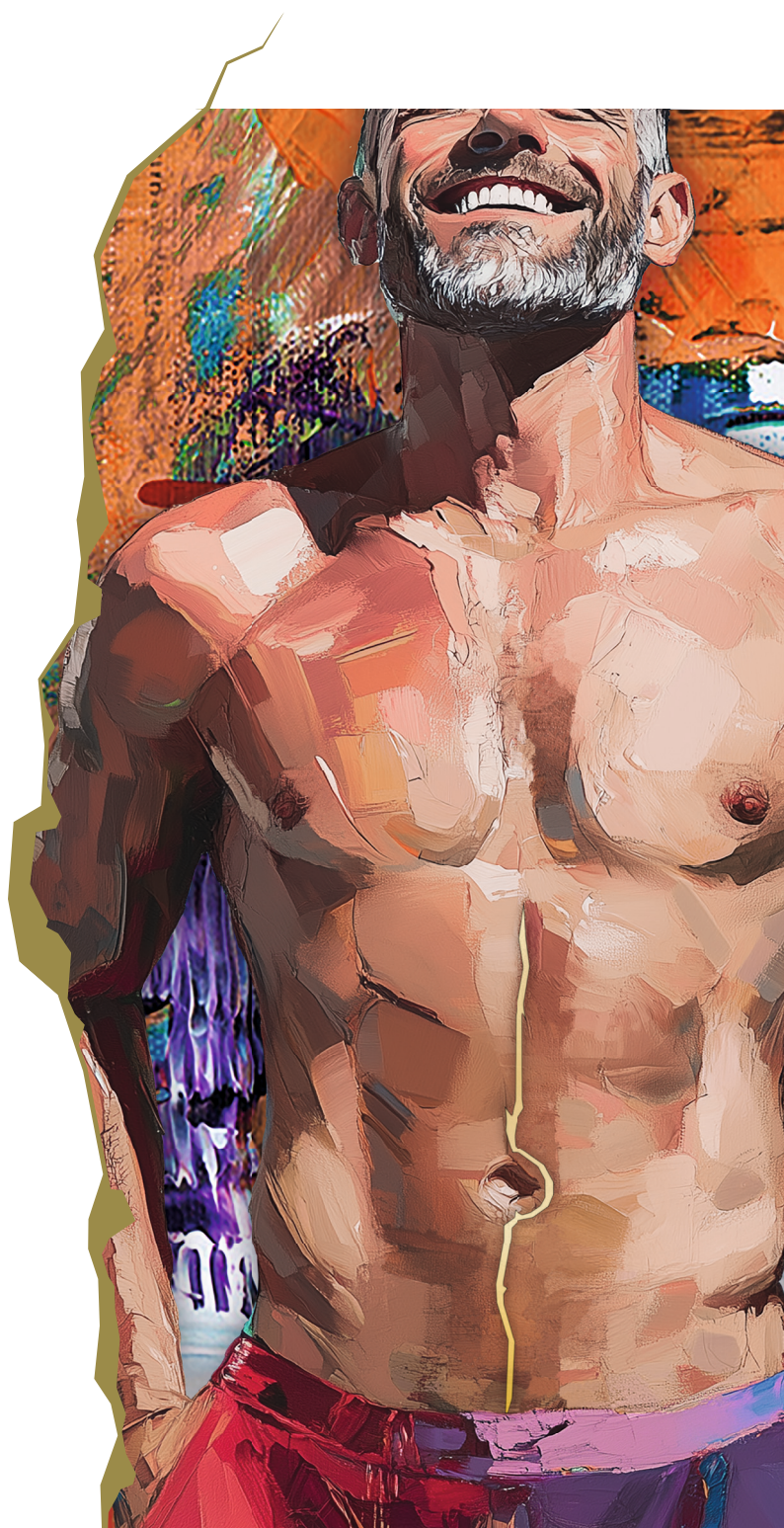
There is an opportunity to stop the chronic cycle of hernia recurrence.

Prophylactic mesh placement has been shown to decrease the incidence of incisional hernias.

This may result in a reduction in hospitalization, healthcare expenditures, and quality of life challenges associated with incisional hernias.¹⁵

Prevention through intervention

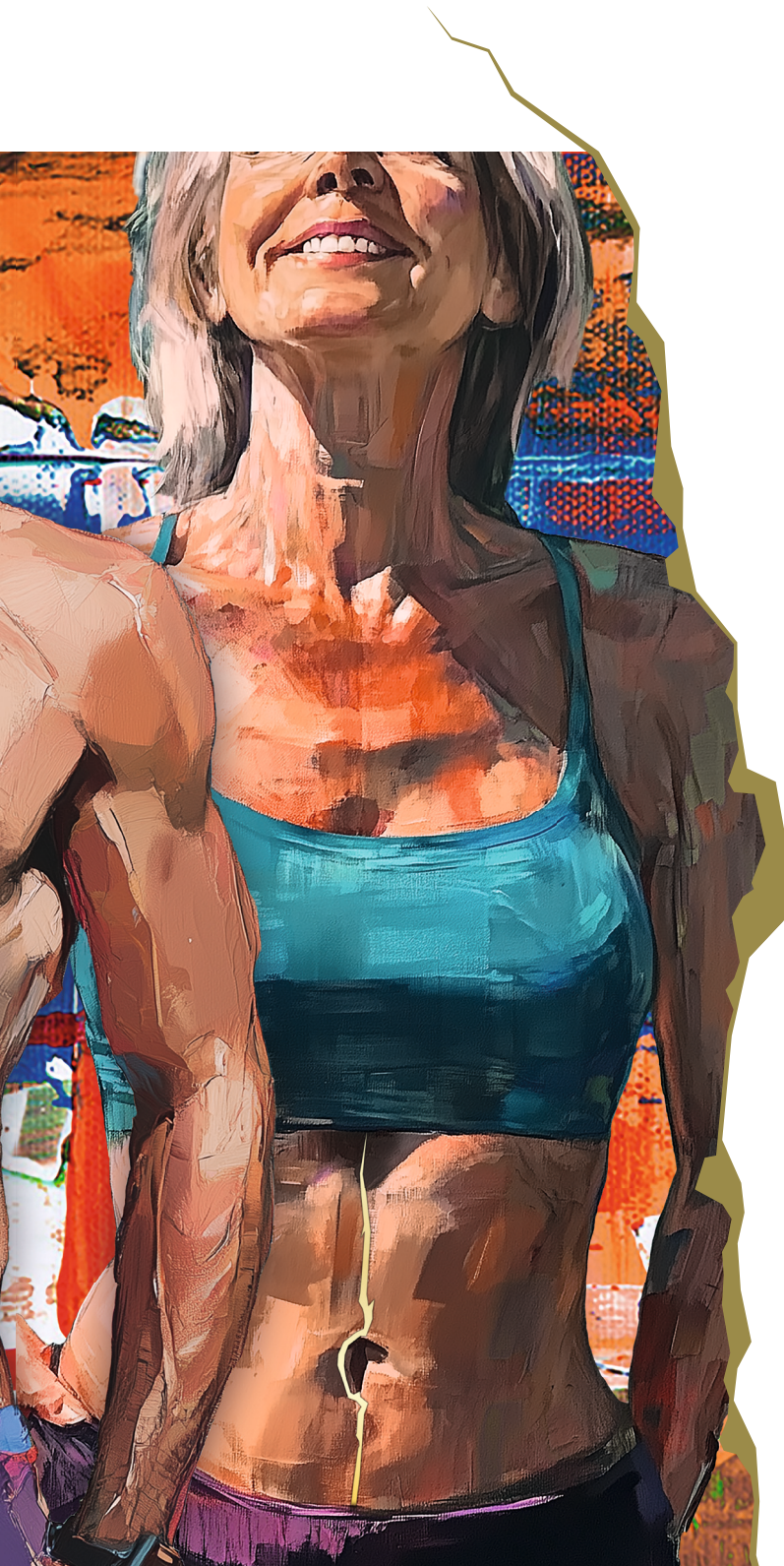
with Phasix™ Mesh



How do incisional hernias impact your patients?



A growing body of evidence suggests that prophylactic mesh augmentation (PMA) is an effective strategy to reduce risks and costs associated with incisional hernia.⁴



- In a prospective clinical study, at 5 years follow-up, 47% of patients with suture-only closure developed an incisional hernia following a midline laparotomy.⁴
- Incisional hernia can cause morbidity and have a negative effect on patients' quality of life.^{7,10}
- Incisional hernias result in complications and readmissions post abdominal surgery, leading to significantly higher resource utilization and total cost of care for these patients.⁴

Societal guidelines on prevention:

- The International Endohernia Society (IEHS) recommends use of mesh to reinforce abdominal/midline surgical incisions in patients with high risk of incisional hernia.^[Bittner, 2019]
- The European Hernia Society (EHS) guidelines state that the use of mesh to reinforce the surgical incision 'appears effective and safe' and is suggested in high-risk patients.^[Deerenberg, 2022]
- The European and American Hernia Societies recommends prophylactic mesh augmentation after elective midline laparotomy can be considered to reduce the risk of incisional hernia.^[Deerenberg, 2022]

Phasix™ Mesh is proven to provide support during the critical healing phase post-surgery³, building the foundation for long-term strength



Proven clinical outcomes for a less complicated future.^{9,*}

Phasix™ Mesh **Repairs**

- Phasix™ Mesh provides internal support to newly repaired tissue immediately after surgery.^{1,8}
- Preclinical and in vitro testing have shown that Phasix™ Mesh recruits anti-inflammatory macrophages to naturally initiate an early 'repair' response.⁶

Phasix™ Mesh **Remodels**

- Phasix™ Mesh is designed to integrate with and strengthen the surrounding tissue. Preclinical studies show that P4HB promotes the production of new collagen and, as it is absorbed, is replaced by new tissue over time.^{1,3,5}
- Ingrown tissue remodels and retains strength after mesh resorption.^{1,13,14}

Phasix™ Mesh **Restores**

- The P4HB mesh supports the maturation of collagen from Type III to Type I.^{1,3,11}
 - P4HB is naturally broken down to CO₂ and H₂O and the body metabolizes the by-products of P4HB via the Krebs cycle.^{1,3,12}
- Preclinical data suggest that Phasix™ Mesh provides a strong repair at 52 weeks.³

*Results and experience may vary by patient.

Phasix™ Mesh has been used clinically since 2007 with

Improved healing from the start and predictable strength for the long run³

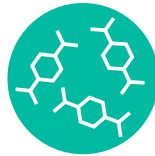
Prevention through intervention



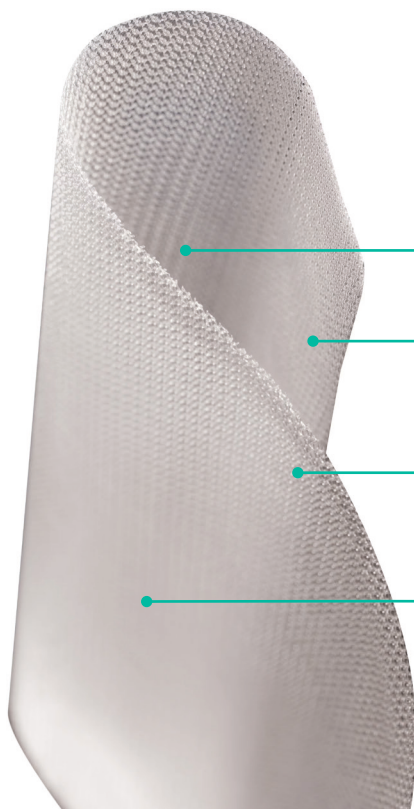
The burden of incisional hernia

Patients undergoing an elective or emergency midline laparotomy are at risk of developing an incisional hernia that can cause costly complications and leave lasting, negative effects on their quality of life.⁴

Phasix™ bioabsorbable mesh indicated for prophylactic use, is designed to protect your patient's quality of life after surgery³



Phasix™ Mesh is:

- 
- A biologically-derived, fully resorbable material: Poly-4-hydroxybutyrate (P4HB).¹
 - Degraded into 4HB, a natural metabolite endogenous to the human brain, heart, kidney, liver, lung, muscle, and brown adipose tissue.¹²
 - Produced from a naturally occurring monomer and is processed into monofilament fibers and knitted into a surgical mesh.¹²
 - Bioabsorbed to essential completion by 12–18 months through hydrolysis.³

over 387,000 mesh implants globally.¹

Let's repair the past.
Let's prevent the future
Prevention is key

- With the potential negative consequences associated with incisional hernias, patients benefit from preventative mesh placement.¹⁵
- Phasix™ is a reliable, long-term resorbable mesh used to reinforce surgical incisions and reduce the risk of incisional hernia.

With rapid tissue ingrowth and long-lasting strength,¹ Phasix™ Mesh provides strong, reliable reinforcement when patients need it most.

Indications

Phasix™ Mesh is indicated to reinforce soft tissue where weakness exists, in patients undergoing abdominal, plastic, and reconstructive surgery in ventral hernia repair and other abdominal fascial defect procedures including prophylactic use to reinforce surgical incisions.

Contraindications

Because Phasix™ Mesh is fully resorbable, it should not be used in repairs where permanent wound or organ support from the mesh is required.

Read IFUs full version here: eifu.bd.com

Not all products, services, claims or features of products may be available or valid in your local area. Please check with your local BD Representative.

Ask your BD Partner for further informations.

Product Code	Shape	Dimensions	
1190100G	Round	3" x 3"	7.6 cm
1190616G	Rectangle	2" x 6"	6 x 16 cm
1190820G	Rectangle	3" x 8"	8 x 20 cm
1190830G*	Rectangle	3" x 12"	8 x 30 cm
1191040G*	Rectangle	4" x 16"	10 x 40 cm
1190845G*	Rectangle	3" x 18"	8 x 45 cm
1190200G	Rectangle	4" x 6"	10.2 x 15.2 cm
1190300G	Rectangle	6" x 8"	15.2 x 20.3 cm
1190400G	Rectangle	8" x 10"	20.3 x 25.4 cm
1190500G	Rectangle	10" x 12"	25.4 x 30.5 cm
1191025G	Rectangle	4" x 10"	10 x 25 cm
1191525G	Rectangle	6" x 10"	15 x 25 cm
1191530G	Rectangle	6" x 12"	15 x 30 cm
1192030G	Rectangle	8" x 12"	20 x 30 cm
1192040G	Rectangle	8" x 16"	20 x 40 cm
1193045G	Rectangle	12" x 18"	30 x 45 cm
1195050G	Square	19.5" x 19.5"	50 x 50 cm

* from august 2025

Partner with BD today and take this small but decisive step to protect both your patients and your practice from the impact of incisional hernias.



Scan here to learn more about the evidence of long term resorbable meshes

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