A biologic graft supported by data
Biodesign® Hernia Graft

The Biodesign Hernia Graft is a non-cross-linked, non-dermis biologic graft that is completely remodelled into strong, vascularised patient tissue.1-3
Studied and proven

The technology behind Biodesign® tissue-repair products is supported by more than 1,500 total publications. More than 500 of those describe clinical use. And 10 of those have more than five years of follow-up data.
Are all biologic grafts the same?

No. Some biologic grafts are associated with higher rates of failure.⁴

Biodesign® Hernia Graft is a non-dermis, non-cross-linked graft.⁴

Non-Dermis

As a non-dermis graft, the Biodesign Hernia Graft contains no meaningful amounts of elastin.⁴ Dermis-based biologic grafts contain high amounts of elastin. Studies attribute higher rates of failure to higher elastin levels.⁵, ⁶

Non-cross-linked

The technology behind Biodesign Hernia Graft has been designed to maintain strength throughout the remodelling process, so there is no need for chemical cross-linking.⁷ Cross-linked grafts have been associated with chronic inflammation and encapsulation.⁷
**Strength**

Studies have shown long-term strength as the Biodesign® Hernia Graft remodels.\(^3\)

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Two years after implantation, the Biodesign Hernia Graft showed more than four times the strength of the normal canine body wall.
Are all biologic grafts the same?

No. Over time, the Biodesign® source material remodels completely into new patient tissue—letting the body’s own defense mechanisms fight infection naturally.\(^8\)

The Biodesign Hernia Graft is sourced from porcine small intestinal submucosa (SIS). The material acts as a scaffold that, once implanted, allows the patient’s cells to infiltrate and remodel into vascularised patient tissue.\(^1\)-\(^3\)
**Tissue remodelling**

Once it’s implanted in the body, the Biodesign® source material helps the patient’s own cells infiltrate the scaffold and remodel the material into natural patient tissue.¹⁻³

Biodesign becomes remodelled by the body over a period of several weeks.

Images used with permission from Prof. Mohammed Ballal, MD.

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Biodesign® Hernia Graft

Used for implantation to reinforce soft tissues where weakness exists during ventral hernia repair.

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Some products or part numbers may not be available in all markets.

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