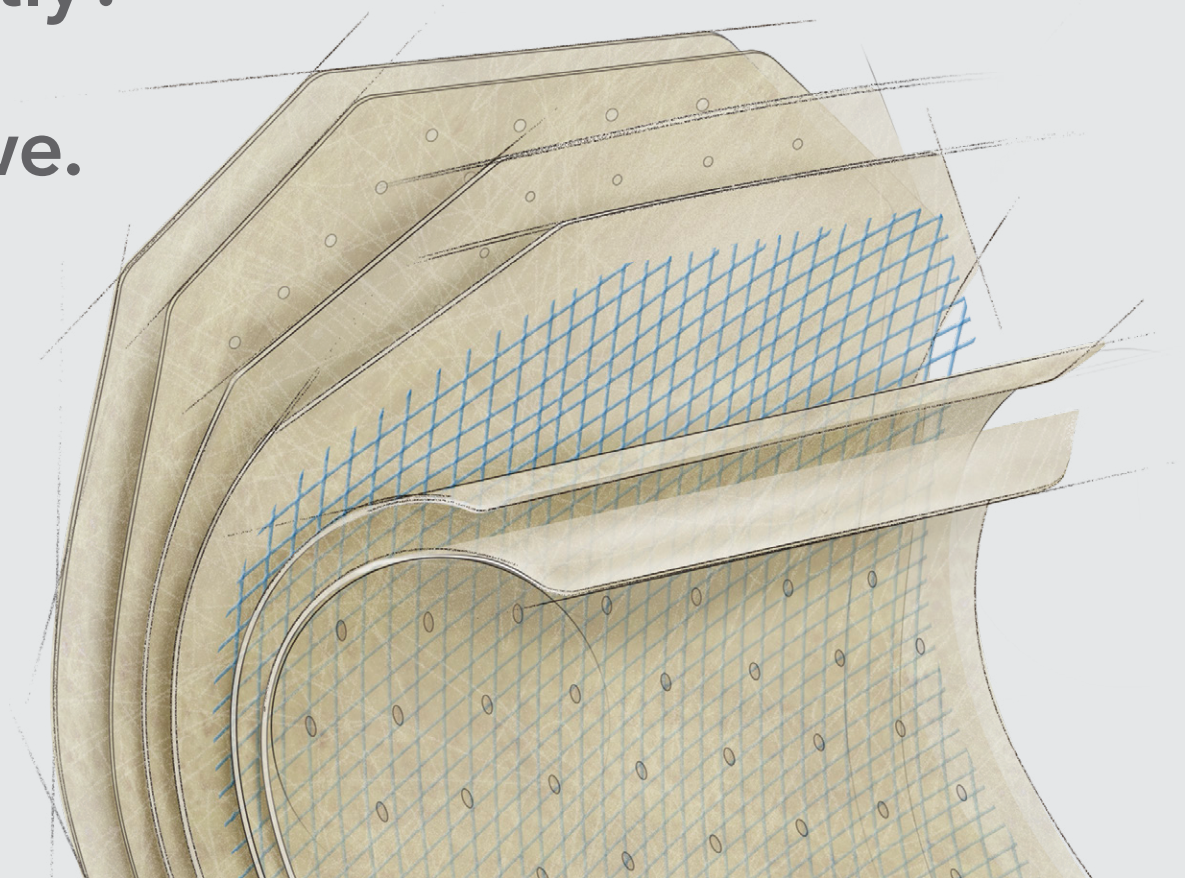


Are you ready to repair hernias differently?

So are we.



Zenapro™
HYBRID HERNIA REPAIR DEVICE

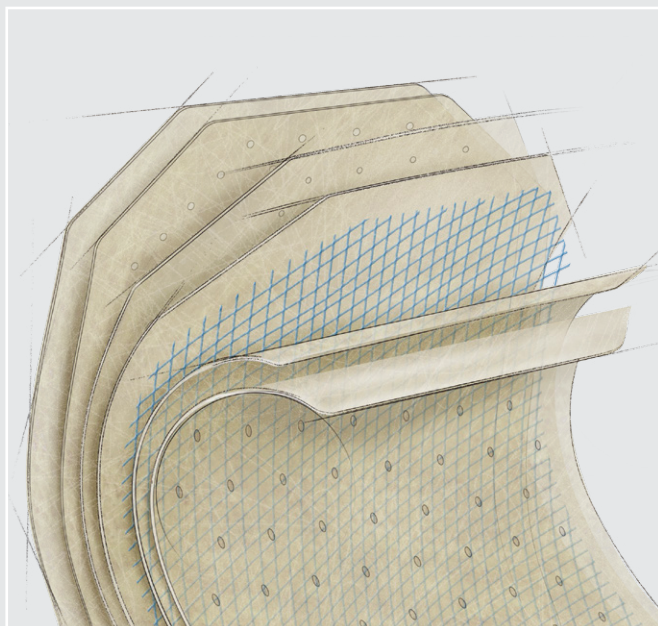
A combination of an extracellular matrix and a large-pore polypropylene mesh, Zenapro is designed to **provide a lasting repair that leaves behind only a minimal amount of permanent material.**



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Zenapro™

HYBRID HERNIA REPAIR DEVICE

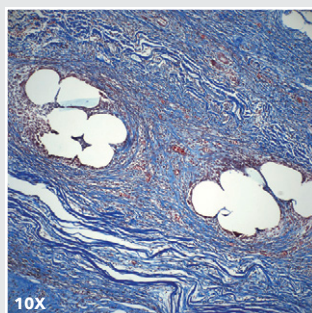


Construction of Zenapro

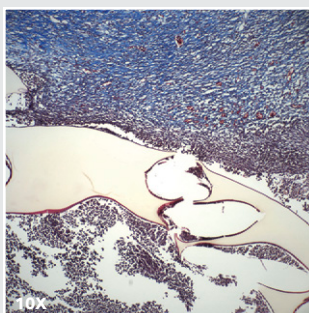
Zenapro is constructed of multiple layers to shield the viscera from the polypropylene mesh. The outer layers of extracellular matrix (ECM) allow strong organized tissue to deposit around the mesh.

More deposition, less inflammation

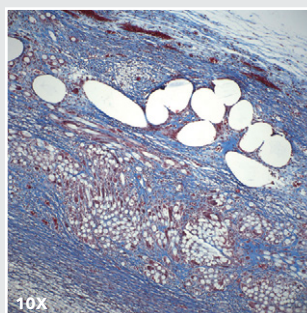
Trichrome stains in an adhesiogenesis model show that Zenapro is associated with comparatively low levels of inflammatory response while it provides a scaffold for host cell infiltration. Model: Rat. Time: 3 weeks.¹



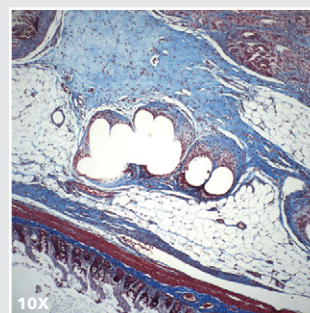
Zenapro



Omega-3 coated mesh



Hydrogel-coated mesh



Uncoated polypropylene mesh

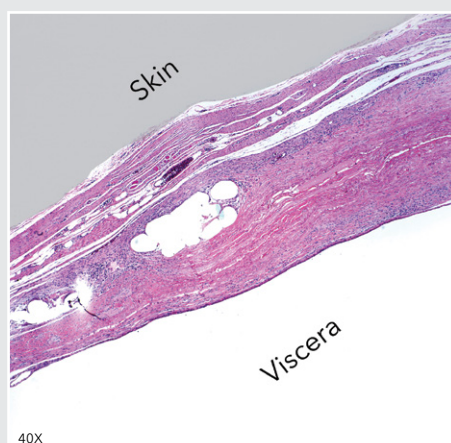
Zenapro is not for use in contaminated fields.

Increasing incorporation

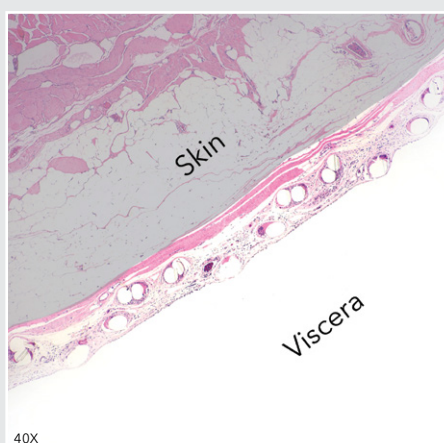
Six months after implantation, Zenapro shows organized tissue deposition that surrounds the mesh. The coated synthetic mesh, however, has not changed.

Model: Rabbit. Time: 6 months.

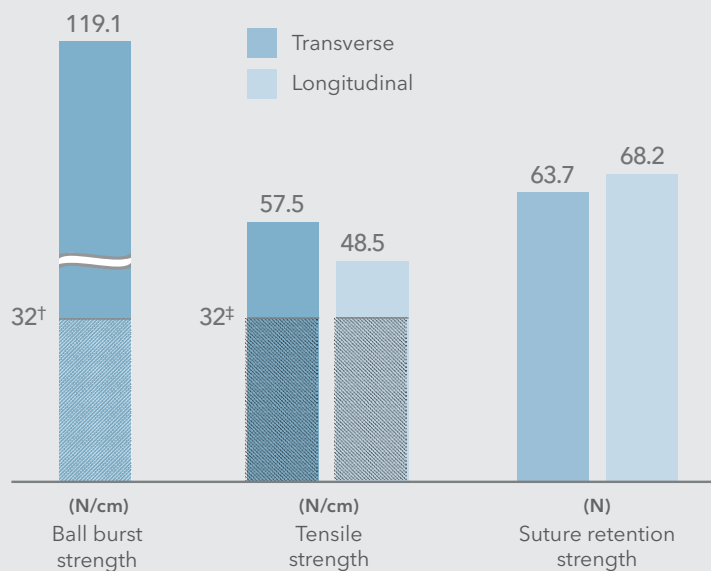
Zenapro



Hydrogel-coated synthetic



Zenapro strength characteristics¹



†Maximum intraabdominal pressure.²

‡Tensile strength requirement for bridging defect patch type repair.³

1. Histology and benchtop testing conducted at Cook Biotech. Data on file.

2. Cobb WS, Burns JM, Kercher KW, et al. Normal intraabdominal pressure in healthy adults. *J Surg Res.* 2005;129(2):231-235.

3. Klosterhalfen B, Junge K, Klinge U. The lightweight and large porous mesh concept for hernia repair. *Expert Rev Med Devices.* 2005;9(2):115-119.

Zenapro™

HYBRID HERNIA REPAIR DEVICE

Clinical trial information

63 patients. 5 centers. Human use.

NCT01784822

clinicaltrials.gov/ct2/show/NCT01784822

U.S. FDA 510(k) number: K111695



Order Number	Reference Part Number	cm	cm ²
Circular			
G35476	C-HYB-10D	10	78
G23772	C-HYB-15D	15	176
Rectangular/Square			
G35477	C-HYB-10X15	10 x 15	150
G23771	C-HYB-15X22	15 x 22	330
G35479	C-HYB-20X20	20 x 20	400
G23770	C-HYB-20X30	20 x 30	600
G35114	C-HYB-30X30	30 x 30	900

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