Dura Mater
Patch

RESORBABLE
COLLAGEN MEMBRANE
FOR NEUROSURGICAL USE

neura

The NG Neura Duramater Patch is a natural structural network of collagen threads derived from the porcine pericardial sac. Due to its composition, it offers an alternative to traditional materials, with its **biocompatibility, elasticity, high mechanical strength, and excellent adaptation** to the implantation site.

Rich in Type I and III collagen threads, the NG Neura Dura Mater Patch forms a microporous crosslinked matrix, making it a versatile option for a wide range of neurosurgical applications.

The abundance and interconnection of the pores allow rapid infiltration of fibroblasts, which reprocess the matrix and favor integration with the surrounding tissue.

100% **PORCINE-DERIVED COLLAGEN**

Porcine-derived, resorbable collagen membrane.

Presentation	Details
Membrane	4 x 4 cm
Membrane	5 x 5 cm
Membrane	7 x 4 cm

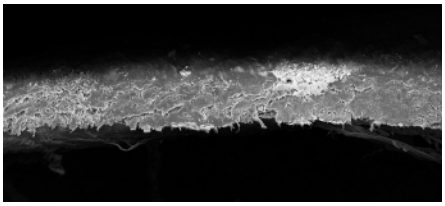
Features

- **100% Biocompatible and Resorbable**
  The implant seamlessly integrates with the surrounding tissue, forming a structure that resembles the native tissue, thereby eliminating the need for secondary interventions.
- **Resistant and Malleable**
  It demonstrates excellent elasticity, allowing it to adapt to the implantation site and resist stretching.
- **Rapidly Hydrating**
  The hydration speed of the product allows optimal consistency for implantation in less than 15 minutes.

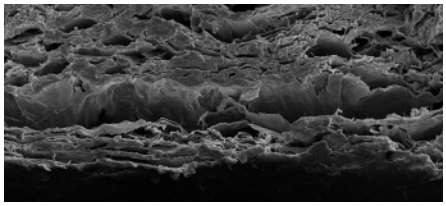
Applications

As a superficial graft in cranial interventions, to cover dural defects caused by injuries, excisions, retractions, or reductions; and in cases of intra- or post-operative brain swelling.

Micrographs



50 µm | Lateral view of the Dura Mater Patch



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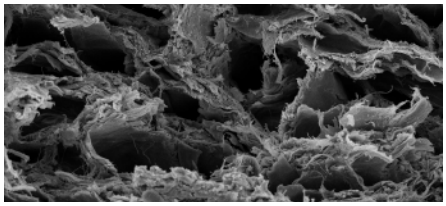

20 µm | Evidence of native collagen in the Dura Mater Patch

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