Close with Confidence

DuraMatrix® Suturable
Collagen Dura Membrane Reinforced and Reliable Closure
DuraMatrix Suturable is a collagen dura membrane derived from purified intact bovine dermis tissue, and is intended for use as a dura substitute for the repair of dura mater.

This third generation DuraMatrix product uses a proprietary cross-linking technology to produce a strong, reliable collagen matrix with excellent conformability that is intended to be applied as a suturable graft. The matrix acts as a scaffold for the ingrowth of fibroblasts and blood vessels that results in the break down of the graft and formation of new collagen.

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### Suture Pull Out Strength

<table>
<thead>
<tr>
<th>DuraMatrix Suturable</th>
<th>Durepair</th>
<th>DuraMatrix</th>
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</thead>
<tbody>
<tr>
<td>20.40 ± 1.54 N</td>
<td>11.67 ± 4.12 N</td>
<td>4.12 ± 0.29 N</td>
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DuraMatrix Suturable shows significantly higher suture pull out strength compared to Durepair that permits it to be firmly anchored to surrounding tissue with minimal risk of membrane tear or detachment.

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### FEATURES AND BENEFITS:

- Demonstrates effective protection against cerebrospinal fluid (CSF) leakage

- High suture pull out strength that permits it to be firmly anchored to surrounding tissue with minimal risk of membrane tear or detachment

- Conforms to the contours of the defect site

- Pore structure of the membrane ensures optimal resorption and balanced tissue repair throughout the dural graft

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### EASE OF USE

- Easily trimmed dry or hydrated
- Easy to prepare (hydrates in 60 sec)

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### RELIABLE STRENGTH

- High mechanical strength
- Can be sutured tightly
- May prevent CSF leaks

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### FLEXIBILITY

- Highly conformable
- Intended to be applied as a suturable graft
DuraMatrix Suturable has a total resorption time of 38-40 weeks that occurs at a more balanced rate compared to Durepair. Cellular responses to the implant indicate a normal tissue repair response that aid in new collagen formation. The longer in-vivo resorption results in a strong, reliable, protective barrier for dural reconstruction.¹

The total resorption time (defined as <5% implant remaining) is approximately 38-40 weeks for DuraMatrix Suturable and approximately 20-22 weeks for Durepair.¹

Resorption of the DuraMatrix Suturable and Durepair was accompanied by new collagen formation.¹

DuraMatrix Suturable is manufactured from intact bovine dermis. The natural crosslinks inherent in tissue are maintained and further enhanced with external crosslinking resulting in total resorption time of 38-40 weeks.¹
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REFERENCES:
2. Collagen Matrix Internal Testing