



stryker®

Craniomaxillofacial

**Close with
Confidence**

DuraMatrix® **Suturable**

Collagen Dura Membrane Reinforced and Reliable Closure

Reliable Strength

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.

Suture Pull Out Strength ²		
DuraMatrix Suturable	Durepair	DuraMatrix
20.40 ± 1.54 N	11.67 ± 4.12 N	4.12 ± 0.29 N

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.²

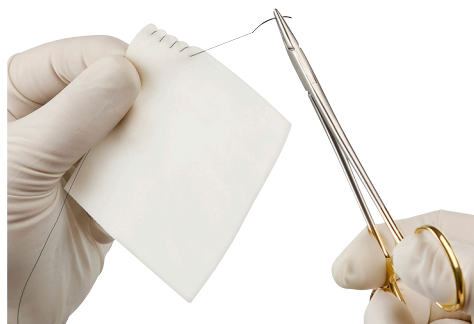
FEATURES AND BENEFITS:¹

- 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



EASE OF USE^{1,2}

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



RELIABLE STRENGTH^{1,2}

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

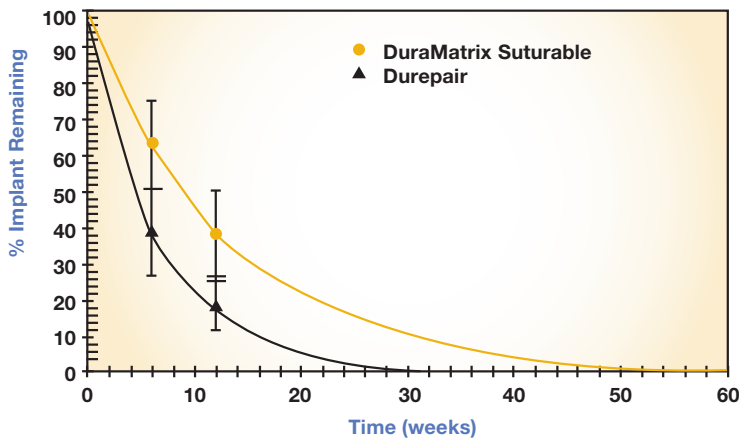


FLEXIBILITY^{1,2}

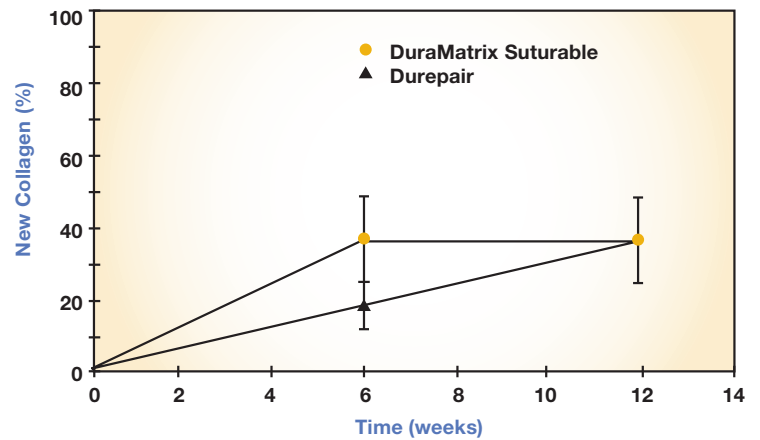
- Highly conformable
- Intended to be applied as a suturable graft

Balanced Resorption & Tissue Repair¹

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

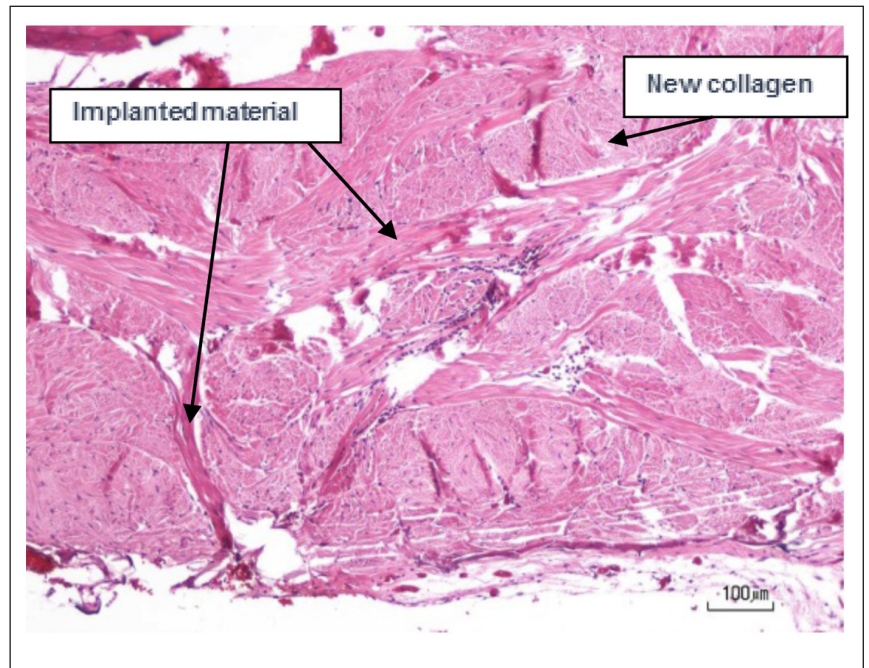


The total resorption time (defined as <5% implant remaining) is approximately 38-40 weeks for DuraMatrix Suturable and approximately 20-22 weeks for Durepair.¹



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



DuraMatrix® Suturable



Product Number	Size	Units Per
DMS11	1 in x 1 in (2.5 cm x 2.5cm)	1
DMS13	1 in x 3 in (2.5 cm x 7.5 cm)	1
DMS22	2 in x 2 in (5 cm x 5 cm)	1
DMS33	3 in x 3 in (7.5 cm x 7.5 cm)	1
DMS45	5 in x 4 in (12.5 cm x 10 cm)	1

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DuraMatrix is a registered trademark of Collagen Matrix, Inc.
Durepair is a registered trademark of TEI Biosciences, Inc.

REFERENCES:

1. In vivo evaluation of resorption in a rabbit duraplasty model. Data on file.
2. Collagen Matrix Internal Testing

stryker®

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Trauma & Extremities
Joint Preservation
Orthobiologics

Medical & Surgical

Power Tools & Surgical Accessories
Image Guided Navigation
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Integrated Communications
Beds, Stretchers & EMS
Sustainability Solutions

Neurotechnology & Spine

Craniofacial
Interventional Spine
Neurosurgical, Spine & ENT
Neurovascular
Spinal Implants

A surgeon must always rely on his or her own professional clinical judgment when deciding whether to use a particular product when treating a particular patient. Stryker does not dispense medical advice and recommends that surgeons be trained in the use of any particular product before using it in surgery.

The information presented is intended to demonstrate the breadth of Stryker product offerings. A surgeon must always refer to the package insert, product label and/or instructions for use before using any Stryker product. Products may not be available in all markets because product availability is subject to the regulatory and/or medical practices in individual markets. Please contact your Stryker representative if you have questions about the availability of Stryker products in your area.

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