

NeoDura™

Dural Repair Patch

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Product Code and Specification

Model	Metric Dimensions	Equivalent English Dimensions	Units/Case	Thickness (mm)
RDP-1	2.5 cm × 2.5 cm	(1 inch × 1 inch)	1	0.1-0.5
RDP-105	2.5 cm × 2.5 cm	(1 inch × 1 inch)	5	
RDP-2	2.5 cm × 7.5 cm	(1 inch × 3 inch)	1	
RDP-205	2.5 cm × 7.5 cm	(1 inch × 3 inch)	5	
RDP-3	3 cm × 4 cm	-	1	
RDP-4	4 cm × 6 cm	-	1	
RDP-5	5 cm × 5 cm	(2 inch × 2 inch)	1	
RDP-505	5 cm × 5 cm	(2 inch × 2 inch)	5	
RDP-6	6 cm × 6 cm	-	1	
RDP-7	6 cm × 8 cm	-	1	
RDP-8	7.5 cm × 7.5 cm	(3 inch × 3 inch)	1	
RDP-805	7.5 cm × 7.5 cm	(3 inch × 3 inch)	5	
RDP-9	6 cm × 14 cm	-	1	
RDP-10	8 cm × 12 cm	-	1	
RDP-11	10 cm × 12.5 cm	(4 inch × 5 inch)	1	
RDP-12	15 cm × 15 cm	(6 inch × 6 inch)	1	



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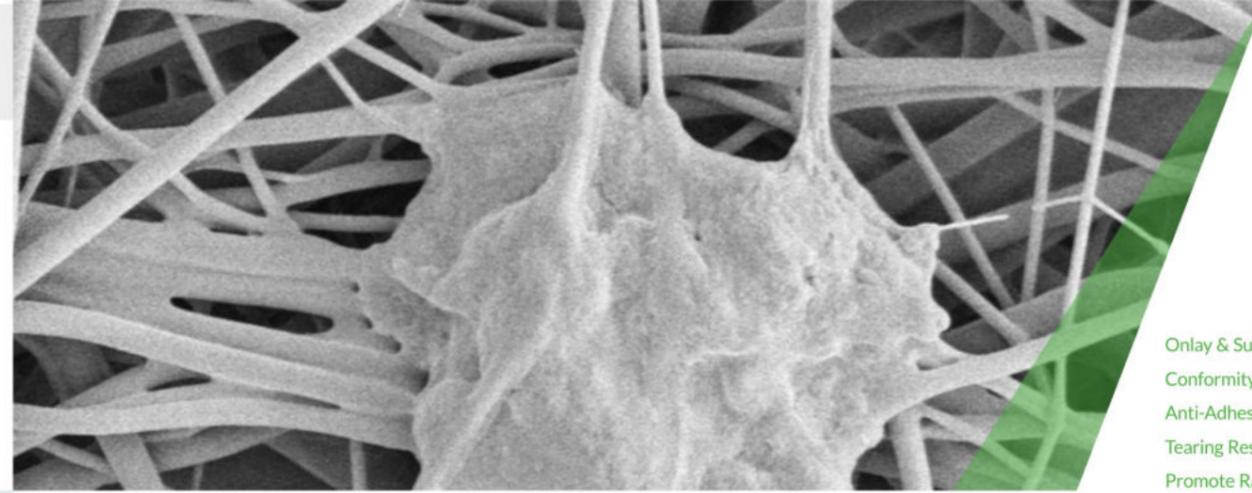
- Easy Surgical Handling
- Excellent Conformity
- Rapid Regeneration
- Suture & Onlay



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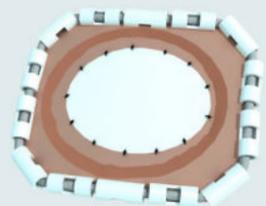
NeoDura™ is an absorbable dural repair patch made of degradable material poly-L-lactic acid and porcine gelatin, an entirely NEW category of material beyond current categories.



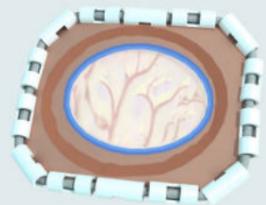
- Onlay & Suture
- Conformity
- Anti-Adhesion
- Tearing Resistance
- Promote Rapid Dura Regeneration

Onlay & Suture

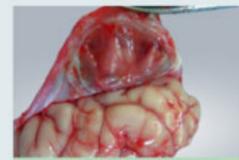
NeoDura™ can be either sutured or applied as an onlay.



Suture



Onlay



2 Weeks



4 Weeks

Anti-Adhesion

Physical barrier between brain tissue and the skull. No adhesion occurred between brain tissue and NeoDura™ after implantation.



26 Weeks



12 Weeks

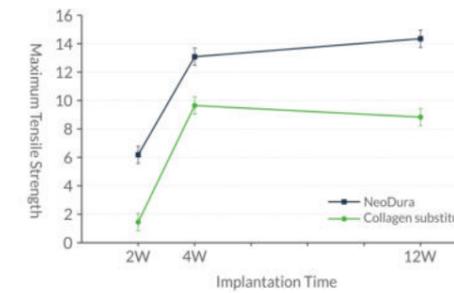
Conformity

NeoDura™ becomes transparent after implantation. Blood vessels are shown clearly. NeoDura™ is soft and conformable.



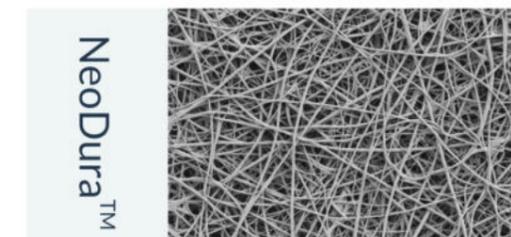
Tearing Resistance

Mechanical property of dura tissue repaired by different materials, at 2, 4, and 12 weeks post-implantation. Results demonstrate high mechanical strength of NeoDura™.

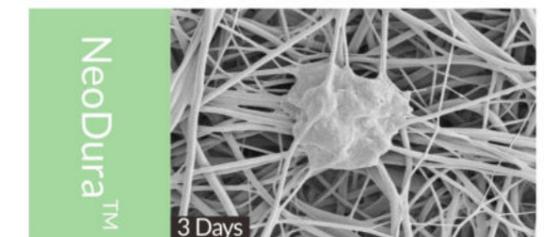


Promote Rapid Dura Regeneration

The microstructure of NeoDura™ resembles that of human dural mater, and the fibrous structure provides a temporary scaffold for the growth of dural cells, and promotes rapid repair and regeneration.

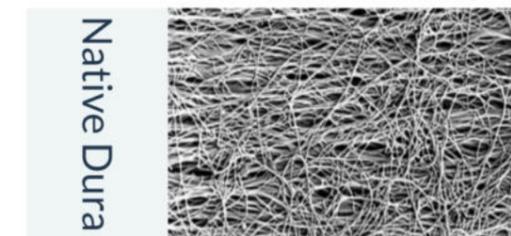


NeoDura™

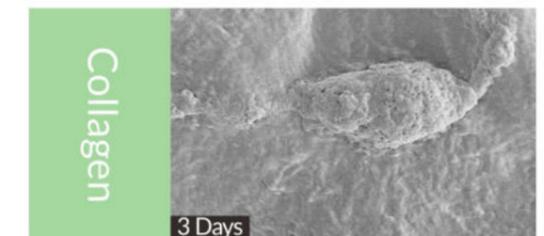


NeoDura™

3 Days



Native Dura



Collagen

3 Days