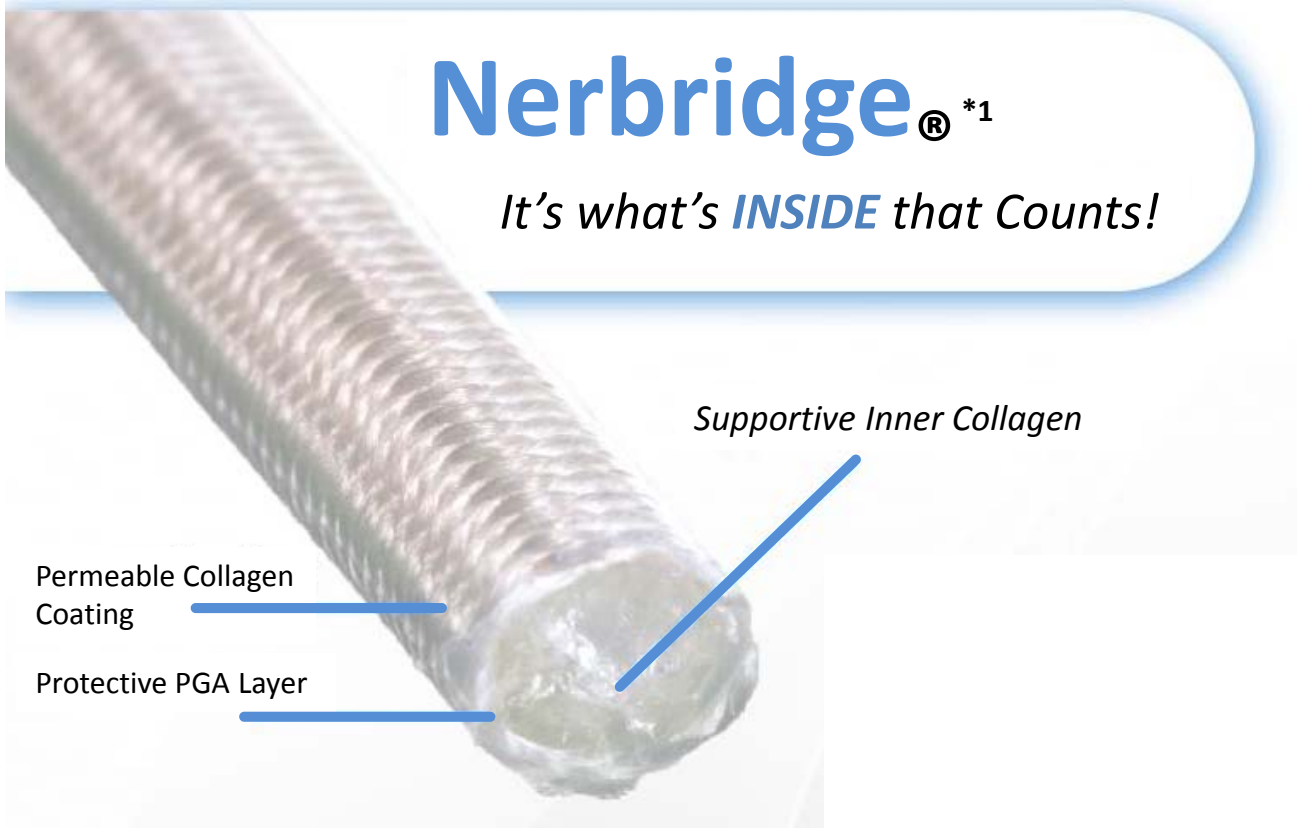
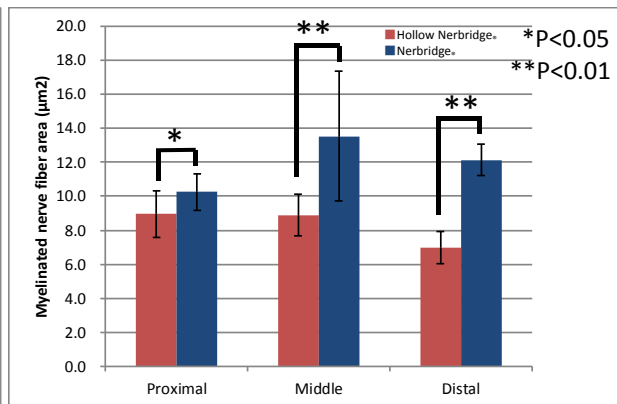
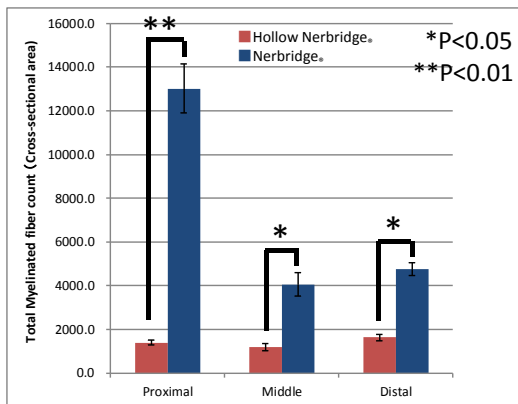


Nerbridge® *1

It's what's *INSIDE* that Counts!



Nerbridge® vs Hollow Nerbridge®, 12 wks, Rat Sciatic Nerve



*Data on file

Key Features/Claims

- Inner Collagen Scaffolding designed to support Schwann cell migration and axonal growth
- Improved speed of nerve regeneration and increased nerve fiber area with Inner Collagen Scaffolding
- Room temperature storage
- Flexible handling
- 8 diameters; 25 mm length

*1: Regenerable Nerve Guide Tube Nerbridge

How Nerbridge® fulfills basic clinical needs

Desired attributes	Nerbridge® features/benefits
Biocompatible	ISO 10993 certified, proven safety including cytotoxicity, sensitization and hemolysis ¹
Resorbable	Until it resorbs, Nerbridge® protects nerves minimizing compression to the growing axons ^{2, 3}
Protective	
Flexibility	Nerbridge® softens with hydration and shows no kinking after implantation ⁴
Semi-permeable	Nerbridge® allows 600 kDa particles to pass through its conduit walls ⁵

1) Biocompatibility testing per ISO 10993 2) Rabbit study submitted to FDA for 510(k) 3) Tensile strength per ISO 527-1:2012
 4) Rat study (Toyobo in-house) shows no kinking after 3 days of implantation 5) Performance test submitted to FDA for 510(k)

Nerbridge® Suturing Technique

- After hydration, suture Nerbridge® to the proximal side of the nerve ending as follows using a non-absorbable monofilament nylon or polypropylene suture from size 6-0 to 10-0.

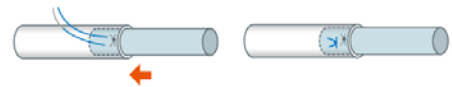


- Gently draw the end of the nerve into Nerbridge® by pulling on the suture.

The final length of the nerve ending inserted into Nerbridge® should be greater than or equal to the diameter of the nerve.



- Suture the other side, 180° from the first suture.
- Suturing on the distal side should be performed in the same way as on the proximal side.



Please read the package insert before use

Size

Inner diameter								Length
○	○	○	○	○	○	○	○	
0.5mm	1.0mm	1.5mm	2.0mm	2.5mm	3.0mm	3.5mm	4.0mm	2.5cm

*Actual size

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