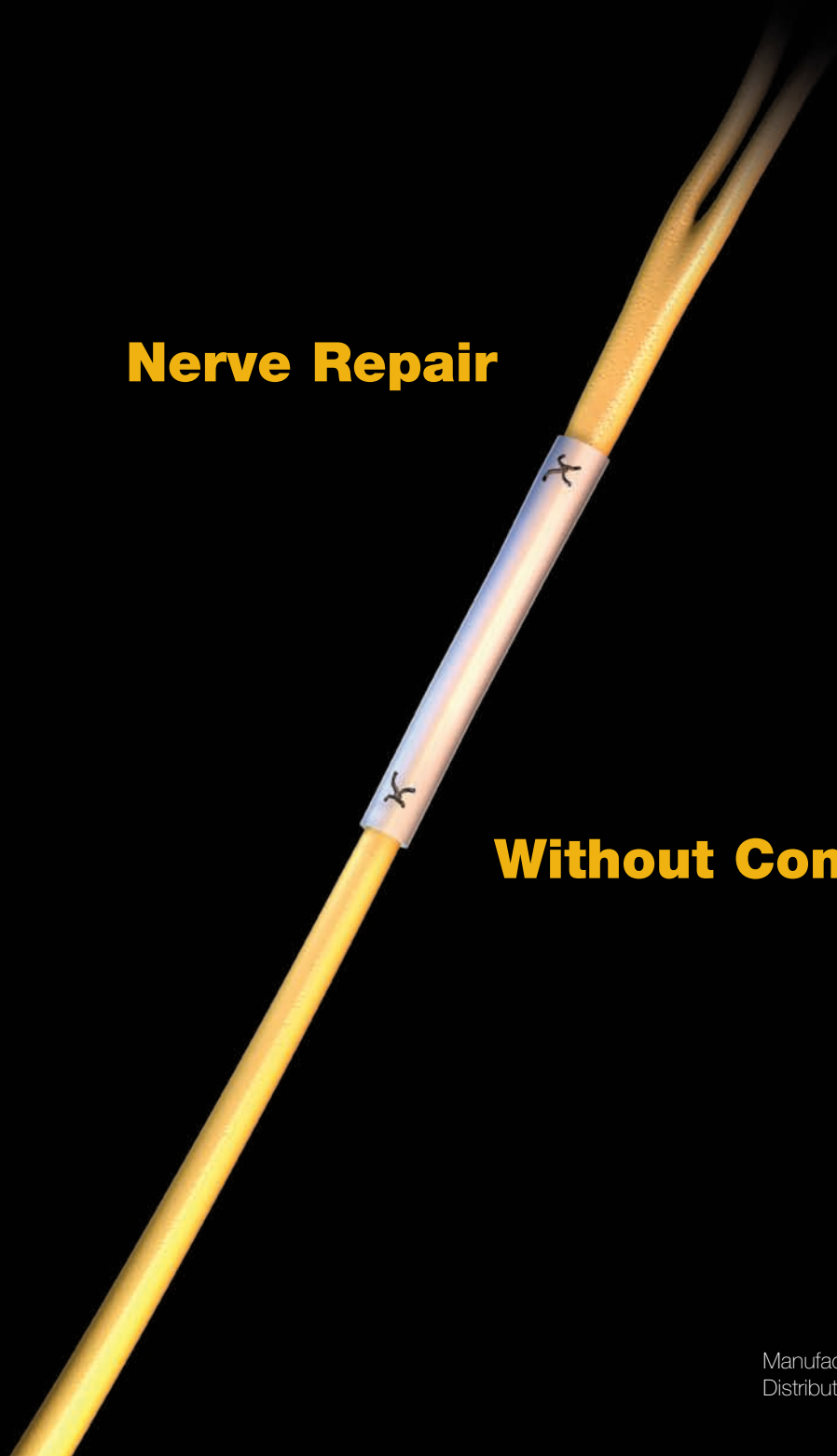


**The information contained in this document  
is intended for healthcare professionals only.**

# NeuroMatrix™

**Nerve Repair**

**Without Compromise**



# NeuroMatrix™

## Nerve Repair. Without Compromise.

Stryker's NeuroMatrix™ conduit provides a clinically effective, tensionless repair without associated autograft morbidity.



NeuroMatrix™ Type 1 Collagen Conduits

### Type 1 Collagen is the material of choice for peripheral nerve repair

- **Semipermeable** - allows small-sized nutrients and neurotrophic factors to pass, yet provides a barrier to larger, scar-forming cells<sup>6</sup>
- **Very well received by soft tissue** – collagen is noninflammatory<sup>9</sup> and better accepted by soft tissue than PGA-based conduits<sup>2,7</sup>
- Completely resorbable and degrades through normal metabolic pathways within three to six months after implantation<sup>8</sup>

Catalog Number	Inner Diameter	Length
CNC2025	2.0mm	2.5cm
CNC2525	2.5mm	2.5cm
CNC3025	3.0mm	2.5cm
CNC4025	4.0mm	2.5cm
CNC5025	5.0mm	2.5cm
CNC6025	6.0mm	2.5cm

### Nerve repair without the need to harvest an autograft

- Removes the risk of donor-site deficit, scarring, and neuroma formation<sup>2</sup>
- No additional OR time needed to harvest an autograft
- May reduce the need for additional anesthesia – often required with sural graft-harvest surgery

#### References:

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7. Li ST, Rodkey WG, Yuen D, Hansen P, Steadman JR. Type 1 Collagen-Based Template for Meniscus Regeneration. Tissue Engineering and Biodegradable Equivalents. Scientific and Clinical Applications. 2002 pp 237-266.
8. Data on file at Collagen Matrix, Inc.

### A tensionless repair for improved patient outcomes

- In many situations, a primary tensionless repair of the nerve is not possible, even with extensive mobilization. Extensive mobilization may also negatively influence the epineurial vasculature. The NeuroMatrix™ nerve conduit allows for a tensionless repair
- Studies suggest that regenerating axons accurately align themselves across a confined gap without the approximation of nerve fascicles.<sup>5,6,7</sup>
- Use of a conduit often allows for a more anatomically natural position postoperatively.

### Dependable. Stryker's NeuroMatrix™ is ready when you are

- Conveniently available off-the-shelf at the time of surgery. Especially helpful when addressing severe trauma situations requiring multiple repairs.
- Three-year shelf life provides greater stocking options.
- Six standard sizes allow for accurate size-matching.

### Completely Stryker

The only collagen conduit for nerve repair brought to you by the team physicians turn to for clinical support and improving patient outcomes worldwide.

#### NeuroMatrix

Distributed by Stryker Orthopaedics 325 Corporate Drive, Mahwah, NJ 07430  
www.stryker.com

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