Integra®
NeuraWrap™
Nerve Protector

Solutions for peripheral nerve surgery.
NeuraWrap™ Nerve Protector

The novel approach for treatment of nerve injury

An innovative implant designed for the protection of injured peripheral nerves

• Isolates nerve tissue during the healing process
• Minimizes potential for neuroma formation
• Pliable and resilient once rehydrated
• Collagen structure retains suture
• Recovers and maintains closure once placed around the nerve

Protection with confidence

• Composed of highly purified type I collagen
• Biocompatible and completely absorbed via normal metabolic pathways
• Minimal potential for nerve entrapment
• Excellent tissue compatibility
Factors for success in peripheral nerve surgery

Following peripheral nerve surgery, injured nerves are exposed to a number of influences that can lead to unfavorable clinical outcomes. Poor outcomes can be attributed to scar formation around the nerve, scarring within the nerve, and tethering of the nerve to surrounding tissue. Isolation of a nerve from its surrounding environment may prevent scar ingrowth, minimize the potential for nerve entrapment, concentrate growth factors at the injury site, and provide guidance for regenerating nerve fibers. Nerve protection may be desirable in a number of clinical situations: following decompression of recurrent carpal or cubital tunnel syndrome, to isolate nerves that lie in a highly traumatized wound bed and for nerves that have been partially severed.

Reliable biological performance

NeuraWrap nerve protector is designed to provide an interface between the nerve and the surrounding tissue. NeuraWrap remains in place during the active phase of tissue healing and is completely resorbed after tissue response has resolved. The porous outer layer of NeuraWrap comprises a tubular matrix that mechanically resists compression from surrounding tissue and excludes scar tissue ingrowth. The semi-permeable inner membrane allows passage of small molecules (i.e. water, ions, metabolites, nutrients), but prevents the escape of endogenous growth factors (i.e. Nerve Growth Factor). NeuraWrap provides a new alternative for the treatment of peripheral nerve injuries.
Ordering Information

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Description

NeuraWrap™ nerve protector is an absorbable collagen implant that provides a non-constricting encasement for injured peripheral nerves for protection of the neural environment. NeuraWrap is designed to be an interface between the nerve and the surrounding tissue. When hydrated, NeuraWrap is an easy to handle, soft, pliable, nonfriable, porous collagen conduit. The wall of the conduit has a longitudinal slit that allows NeuraWrap to be spread open for easy placement over the injured nerve. The resilience of the collagen conduit allows NeuraWrap to recover and maintain closure once the device is placed around the nerve. NeuraWrap is provided sterile, non-pyrogenic, for single use only, in double peel packages in a variety of sizes.

Indications For Use

NeuraWrap is indicated for the management of peripheral nerve injuries in which there has been no substantial loss of nerve tissue.

Contraindications

NeuraWrap is not designed, sold or intended for use except as described in the indications for use and is contraindicated for patients with a known history of hypersensitivity to bovine derived materials.

References


Availability of these products might vary from a given country or region to another, as a result of specific local regulatory approval or clearance requirements for sale in such country or region.

• Always refer to the appropriate instructions for use for complete clinical instructions.
• Non contractual document. The manufacturer reserves the right, without prior notice, to modify the products in order to improve their quality.
• Warning: Applicable laws restrict these products to sale by or on the order of a physician.

For more information or to place an order, please contact:

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