



barrier to scar and soft
tissue attachments¹

The ONLY small intestine submucosa (SIS) implant designed to protect injured and compressed nerves up to 40 mm.

key advantages

Protects and separates

Separates and protects the nerve from the
surrounding tissues during the healing process
Provides a protective barrier to axonal escape²

Allows for nerve gliding

Minimizes the potential for soft tissue attachment
and nerve entrapment by protecting the nerve³

Vascularizes and remodels

Small intestine submucosa (SIS) incorporates into the
patient's own tissue, creating a physical barrier to
surrounding structures^{3,4}
Supports natural wound healing

Intra-operative versatility

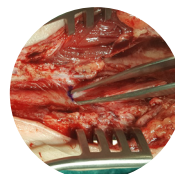
Available in a variety of lengths and diameters to meet
a range of anatomical needs
Off-the-shelf option, stored at room temperature with
a minimum 18-month shelf life



#1
market
leader*



6
months
to remodel into
protective layer³



**Remodels and
vascularizes**
to minimize potential for
soft tissue attachments

option for no transection
or repaired nerve



axoguard
nerve protector®

options for 5 mm to 70 mm+

avance®
nerve graft + **axoguard**
nerve protector®



autograft + **axoguard**
nerve protector®

*IQVIA data

revolutionizing the science of nerve repair™



one company for all your surgical nerve repair solutions

avance®
nerve graft



Biologically active, processed human nerve allograft developed for bridging nerve discontinuities up to 70 mm

axoguard
nerve connector®



Semi-translucent coaptation aid for nerve transections up to 5 mm

axoguard
nerve protector®



Extracellular matrix that remodels to protect injured nerves and reinforce nerve reconstructions

axoguard
nerve cap®



Separates nerve end from surrounding environment to protect from mechanical stimulation and reduce painful neuroma formation

Code	Dimensions
111215	1–2 mm x 15 mm
211215	2–3 mm x 15 mm
311215	3–4 mm x 15 mm
411215	4–5 mm x 15 mm
111230	1–2 mm x 30 mm
211230	2–3 mm x 30 mm
311230	3–4 mm x 30 mm
411230	4–5 mm x 30 mm
111250	1–2 mm x 50 mm
211250	2–3 mm x 50 mm
311250	3–4 mm x 50 mm
411250	4–5 mm x 50 mm
111270	1–2 mm x 70 mm
211270	2–3 mm x 70 mm
311270	3–4 mm x 70 mm
411270	4–5 mm x 70 mm

Code	Dimensions
AGX110	1.5 mm x 10 mm
AGX210	2 mm x 10 mm
AGX310	3 mm x 10 mm
AGX410	4 mm x 10 mm
AGX510	5 mm x 10 mm
AGX610	6 mm x 10 mm
AGX710	7 mm x 10 mm
AGX115	1.5 mm x 15 mm
AGX215	2 mm x 15 mm
AGX315	3 mm x 15 mm
AGX415	4 mm x 15 mm
AGX515	5 mm x 15 mm
AGX615	6 mm x 15 mm
AGX715	7 mm x 15 mm

Code	Dimensions
AG0220	2 mm x 20 mm
AG0320	3.5 mm x 20 mm
AG0520	5 mm x 20 mm
AG0720	7 mm x 20 mm
AG1020	10 mm x 20 mm
AG0340	3.5 mm x 40 mm
AG0540	5 mm x 40 mm
AG0740	7 mm x 40 mm
AG1040	10 mm x 40 mm

Code	Dimensions
AGT215	2 mm x 15 mm
AGT315	3 mm x 15 mm
AGT415	4 mm x 15 mm

references

1. Badylak S, Kokini K, Tullius B, Whitson B. Strength over time of a resorbable bioscaffold for body wall repair in a dog model. *J Surg Res.* 2001;99(2):282–287.
2. Thomson SE, Ng NY, Riehle MO, et al. Bioengineered nerve conduits and wraps for peripheral nerve repair of the upper limb. *Cochrane Database Syst Rev.* 2017;2017(3):CD012574.
3. Kokkalis ZT, Pu C, Small GA, Weiser RW, Venouziou AI, Sotereanos DG. Assessment of processed porcine extracellular matrix as a protective barrier in a rabbit nerve wrap model. *J Reconstr Microsurg.* 2011;27(1):19–28.
4. Badylak SF. The extracellular matrix as a scaffold for tissue reconstruction. *Semin Cell Dev Biol.* 2002;13(5):377–383.

indications and trademark disclaimers

Avance Nerve Graft

REGULATORY CLASSIFICATION: Avance Nerve Graft is a human tissue for transplantation. Avance Nerve Graft is processed and distributed in accordance with U.S. FDA requirements for human cellular and tissue-based products (HCT/P) under 21 CFR Part 1271 regulations, U.S. State regulations and the guidelines of the American Association of Tissue Banks (AATB). Additionally, international regulations are followed as appropriate.

This graft is to be dispensed only by or on the order of a licensed physician.

INDICATIONS FOR USE: Avance Nerve Graft is a processed nerve allograft (human) intended for the surgical repair of peripheral nerve discontinuities to support regeneration across the defect.

CONTRAINDICATIONS: Avance Nerve Graft is contraindicated for use in any patient in whom soft tissue implants are contraindicated. This includes any pathology that would limit the blood supply and compromise healing or evidence of a current infection.

Axoguard Nerve Connector

INDICATIONS FOR USE: Axoguard Nerve Connector is indicated for the repair of peripheral nerve discontinuities where gap closure can be achieved by flexion of the extremity. The device is supplied sterile and is intended for one-time use.

CONTRAINDICATIONS: This device is derived from porcine source and should not be used for patients with known sensitivity to porcine material.

Axoguard Nerve Protector

INDICATIONS FOR USE: Axoguard Nerve Protector is indicated for the repair of peripheral nerve injuries where there is no gap. The device is supplied sterile and is intended for one-time use.

CONTRAINDICATIONS: This device is derived from porcine source and should not be used for patients with known sensitivity to porcine material.

Axoguard Nerve Cap

INDICATIONS FOR USE: Axoguard Nerve Cap is indicated to protect a peripheral nerve end and to separate the nerve from surrounding environment to reduce the development of symptomatic or painful neuroma.

CONTRAINDICATIONS: This device is derived from porcine source and should not be used for patients with known sensitivity to porcine material. Axoguard Nerve Cap is contraindicated for use in any patient in whom soft tissue implants are contraindicated. This includes any pathology that would limit the blood supply and compromise healing or evidence of a current infection.

Axoguard Nerve Cap should not be implanted directly under the skin.

NOTE: This device is not intended for use in vascular applications.

Disclaimer: Not all products are available internationally.

visit our
website
for more
information



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revolutionizing the
science of nerve repair™

