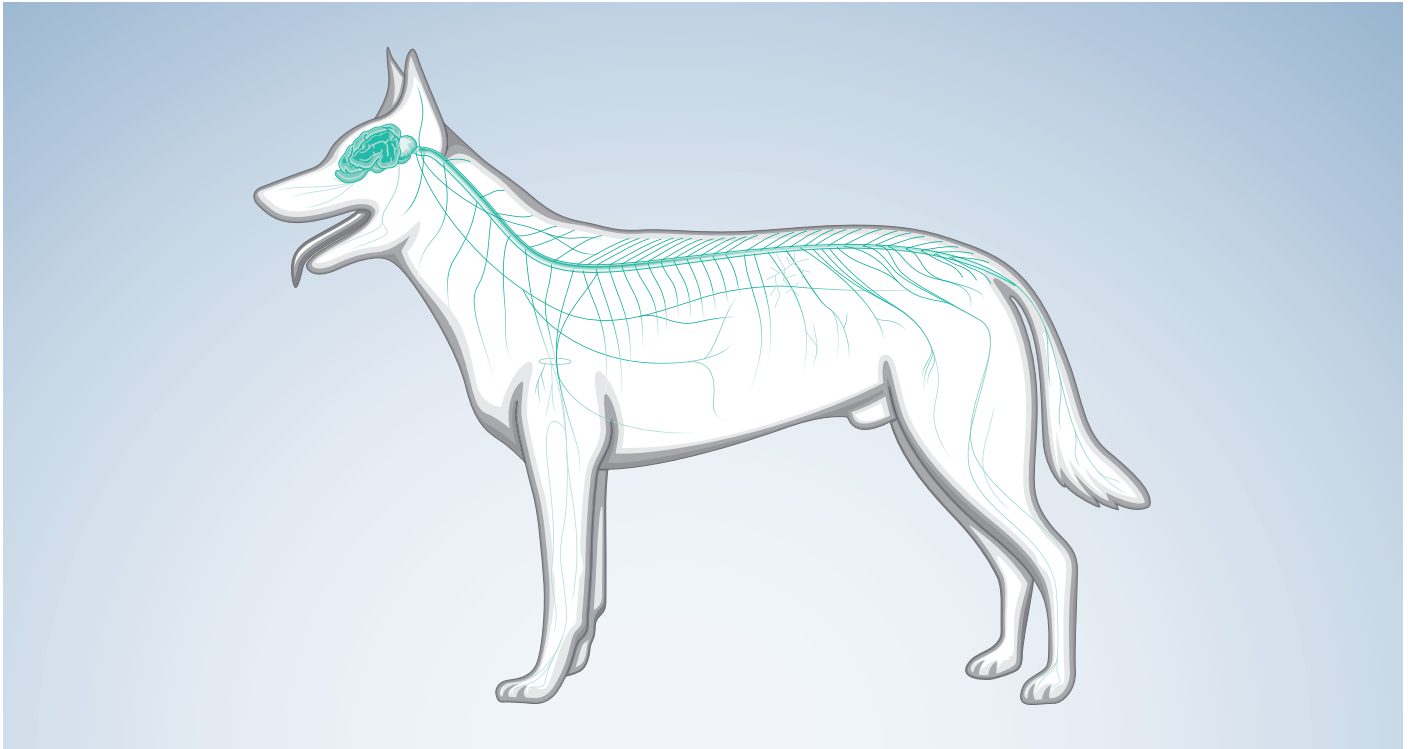


REGIONAL ANAESTHESIA



INTRODUCTION



INTRAOPERATIVE AND POST OPERATIVE ANALGESIA

Adequate pain management, in combination with the anaesthesia method appropriate for the intervention, is important for the performing of medical and surgical interventions and for the post-operative phase. Many surgical interventions are associated with moderate to severe pain which can have negative effects on the condition of the patient and their convalescence. For that reason, adequate pain therapy plays a central role in the patient's clinical treatment path. Our concept for anesthesia and analgesia focuses on increased safety for users and patients, and on the desire for less pain in the animal, and the associated satisfaction of the owner.

Contents

Section 4

Regional Anaesthesia

Nerve Block	
■ HNS® 12 Nerve Stimulator	
■ Stimuplex® A Nerve Block Needle	
■ Stimuplex® Ultra Nerve Block Needle	
Spinal and Epidural	
■ Spinocan® Spinal Needle	
■ Pencan® Spinal Needle	
■ Perican® Epidural Needle	

SPINAL AND EPIDURAL

Spinocan® Spinal Needle

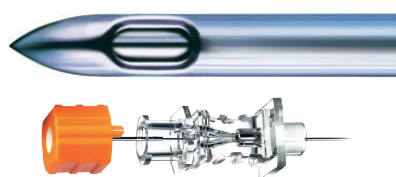


Spinocan® with Quincke bevel

- Sharp bevel for low puncture force
- Safe control due to reliable sensation of the tactile dura click
- Low risk of Post Dural Puncture Headache (PDPH) due to fine gauge needle design
- Perfect stylet fit, i.e. no tissue coring and/or risk of epidermoid tumour formation

Description	Gauge Size	Length (inch)	Length (mm)	Box Qty	Article No.
Needles for Spinal Anaesthesia Quincke Bevel					
Spinocan®	■ 27G	3½"	88	25	4503902
Spinocan®	■ 26G	3½"	88	25	4502906
Spinocan®	■ 25G	3½"	88	25	4505905
Spinocan®	■ 22G	3½"	88	25	4507908
Spinocan®	■ 20G	3½"	88	25	4509900
Spinocan®	■ 19G	3½"	88	25	4501195
Spinocan®	■ 18G	3"	75	25	4501373
Spinocan®	■ 27G	4¾"	120	25	4502140
Spinocan®	■ 25G	4¾"	120	25	4505913
Spinocan®	■ 22G	4¾"	120	25	4506090
Needles for small animals					
Paediatric Spinocan®	■ 19G	1½"	40	25	4501144
Paediatric Spinocan®	■ 22G	1½"	40	25	4507401
Guide Needles					
Guide Needle for Spinocan® and Pencan®	■ 20G	1"	35	25	4505000

PENCAN® SPINAL NEEDLE



Hub design

- Transparent hub provides rapid detection of CSF
- Grooved finger moulds enables precise handling
- Colour coded stylet fits exactly into the needle's lumen

Description	Gauge Size	Length (inch)	Length (mm)	Box Qty	Article No.
Needles for Spinal Anaesthesia Pencil Point					
Pencan®	■ 27G	3½"	88	25	4502027
Pencan®	■ 27G	4"	103	25	4502124
Pencan®	■ 27G	4¾"	120	25	4502132
Pencan®	■ 25G	3½"	88	25	4502019
Pencan®	■ 25G	3½"	88	25	4502043
Pencan®	■ 25G	4"	103	25	2502116
Pencan®	■ 25G	6"	156	25	333877
Pencan®	■ 22G	3½"	88	25	4502035
Needles for small animals					
Paediatric Pencan®	■ 25G	2"	50	25	4502159
Paediatric Pencan®	■ 25G	1"	25	25	4502169
Guide Needles					
Guide Needle for Spinocan® and Pencan®	■ 20G	1"	35	25	4505000

PERICAN® EPIDURAL NEEDLE



- Needle with Tuohy type bevel for continuous epidural anesthesia
- 1 cm graduations
- Small wings
- Transparent needle hub
- Color-coded stylet hub

Description	Gauge Size	Length (mm)	Box Qty	Article No.
Needles for Spinal Anaesthesia Tuohy Bevel				
Perican® Needle	■ 18G	88	25	4512200
Perican® Tuohy Needle	■ 18G	80	25	4512383
Perican® Needle	■ 18G	120	25	4512453
Perican® Tuohy Needle	■ 16G	80	25	4512782

NERVE BLOCK

PERIPHERAL REGIONAL ANAESTHESIA

STIMUPLEX® HNS12 NERVE STIMLOCATOR

Blockade of the peripheral nerves with local anaesthetics can provide superior anaesthesia of the upper and lower extremities. Correctly performed, peripheral nerve blocks offer excellent regional anaesthesia and muscle relaxation for surgery and a method for long-term postoperative analgesia with minimal interference with the patient's vital functions.



Size	Box Qty	Article No.
n/a	1	4892098

STIMUPLEX® A NERVE BLOCK NEEDLE

For the past 20 years Stimuplex® A has been leading the way for single shot needles in peripheral nerve blocks (PNB). The unique ergonomic hub allows easy precise handling and provides excellent tactile feedback.



Size	Box Qty	Article No.
20G x 150 mm	25	4894278
21G x 100 mm	25	4894260
22G x 50 mm	25	4894502
24G x 25 mm	25	4894251

STIMUPLEX® ULTRA NERVE BLOCK NEEDLE

The Stimuplex® Ultra is a first-class peripheral nerve block (PNB) needle optimised for use with ultrasound and nerve stimulation techniques.



Size	Box Qty	Article No.
20G x 150 mm	25	4894278U
22G x 25 mm	25	4894367U
22G x 50 mm	25	4894502U
22G x 80 mm	25	4894279U
22G x 100 mm	25	4894260U