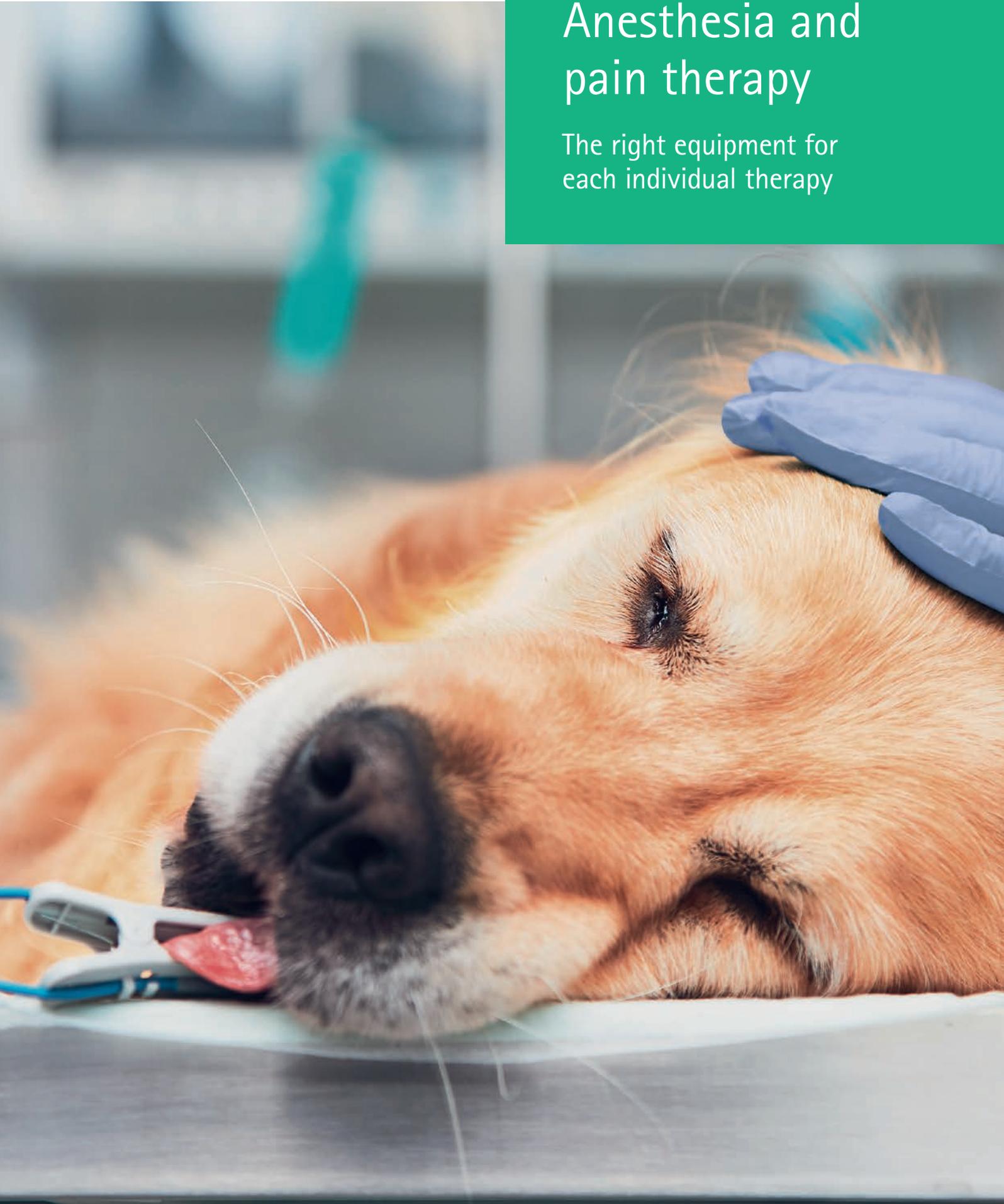




# Anesthesia and pain therapy

The right equipment for  
each individual therapy





**Information:**

The catalog only shows an excerpt from our full portfolio of anesthesia and pain therapy. If you are interested in other products, please contact us.

eMail: [info@bbraun-vetcare.de](mailto:info@bbraun-vetcare.de)



The "Anesthesia and pain therapy" brochure is an excerpt from our full catalog.



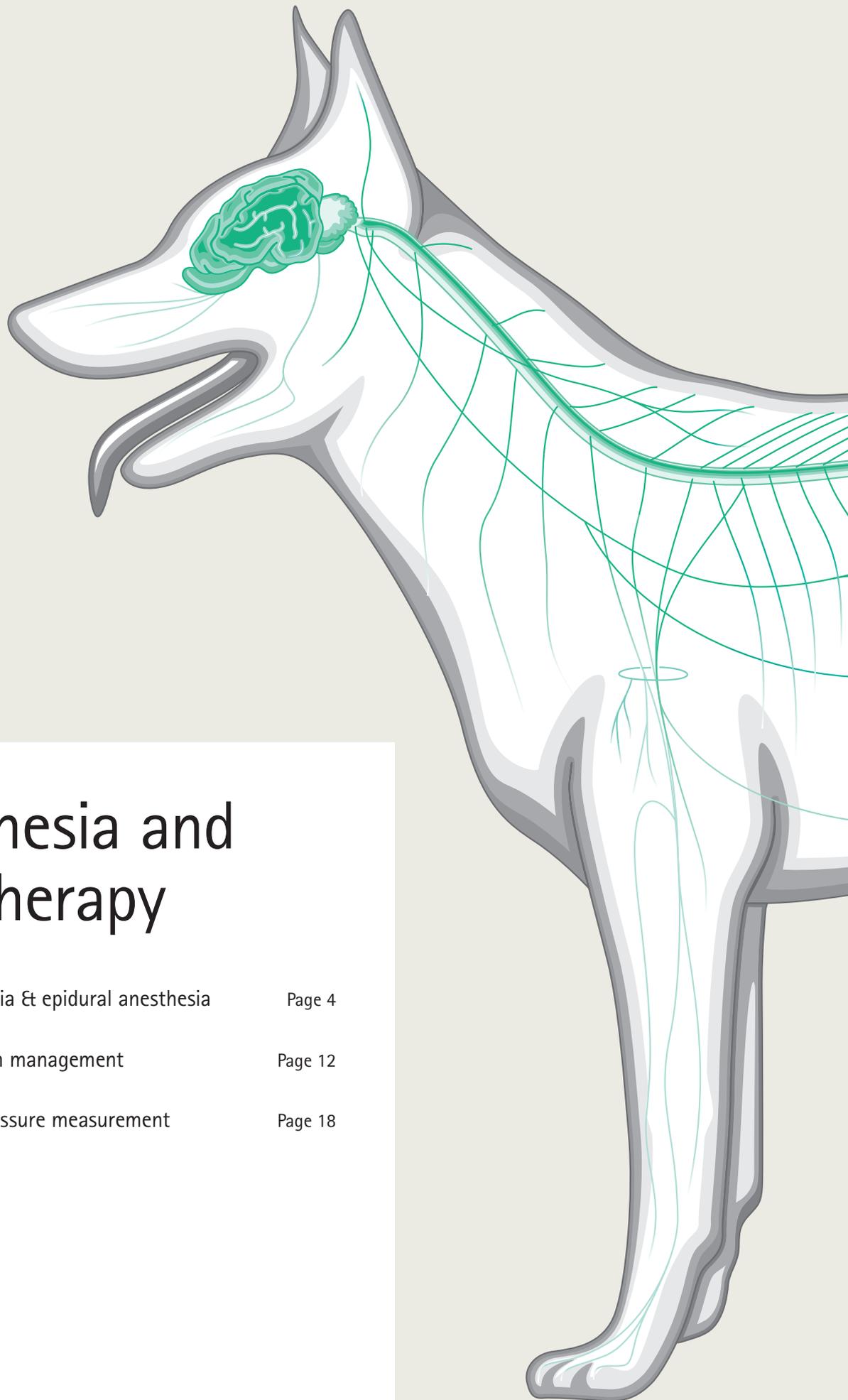
**Order complete catalog – Vet Care**

[www.bbraun-vetcare.com/ordercompletetecatalog](http://www.bbraun-vetcare.com/ordercompletetecatalog)



**Website:**

[www.bbraun-vetcare.com/anesthesia](http://www.bbraun-vetcare.com/anesthesia)



# Anesthesia and pain therapy

Regional anesthesia & epidural anesthesia Page 4

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# Regional anesthesia & epidural anesthesia



## Spinocan®

Quincke-cut cannulae for spinal anesthesia or administering contrast media.

- For epidural and spinal anesthesia in cats and dogs, we recommend a 22 G cannula
- Quincke cut
- Quick liquor reflux
- Transparent Luer lock connector for the early check of liquor reflux
- Grip recesses to securely guide cannula
- Easy-to-feel Dura-click
- Color-coded mandrin connector

Type	Length	Ø	Packaging unit	Art. no.
Spinocan® cannula 27G, gray	88	0.40	25 pcs	4503902-01
Spinocan® cannula 26G, brown	88	0.45	25 pcs	4502906-01
Spinocan® cannula 25G, orange	120	0.50	25 pcs	4505913-13
Spinocan® cannula 25G, orange	88	0.50	25 pcs	4505905-01
Spinocan® cannula 22G, black	120	0.70	25 pcs	4506090-13
Spinocan® cannula 22G, black	88	0.70	25 pcs	4507908-01
Spinocan® cannula 22G, black	40	0.70	25 pcs	4507401-13
Spinocan® cannula 20G, yellow	88	0.90	25 pcs	4509900-01
Spinocan® cannula 19G, ivory	88	1.10	25 pcs	4501195-13
Spinocan® cannula 19G, ivory	40	1.10	25 pcs	4501144-13
Spinocan® cannula 18G, pink	88	1.30	25 pcs	4501390-01



For more information and instructional videos on this subject, visit our home page - [www.bbraun-vetcare.com/regionalanesthesia](http://www.bbraun-vetcare.com/regionalanesthesia)



### Perifix® complete set

for continuous epidural anesthesia

- Perican® epidural cannula
- Perifix® one epidural catheter
- Perifix® Loss-off-Resistance syringe
- Omnifix® Syringes 3 mL, 20 mL
- Sterican®, 3 s.c. Cannulae (18G, 21G, 25G)
- Perifix® epidural filter 0.2 µm
- Perifix® catheter coupling

Type	Packaging unit	Art. no.
Perifix® one 421 complete set	10 pcs	4514211C

### Perican® Paed

Cannula for epidural anesthesia



- Tuohy cut:
  - Very good puncture characteristics for tactile comfort
  - Feel and differentiation of tissue layers
  - Reduced risk of dural perforation
  - Secure catheter placement
  - 0.5 cm graduation for checking piercing depth
  - Firm grip plate for secure cannula guidance (only for 18G and 20G cannulae)
  - Transparent Luer lock connector allows early checking of liquor reflux
  - Color-coded mandrin connector



### Epican® Paed

For epidural anesthesia in pets (e.g., rabbits)

- 32° Crawford type bevel for precise caudal and epidural puncture
- 5 mm marking for penetration depth control
- Transparent Luer lock connector enables early detection of blood or cerebrospinal fluid leaks

Type	Length	Ø	Wings	Packaging unit	Art. no.
Perican® Paed 22, black	50 mm	0.73 mm	No	25 pcs	4502078
Perican® Paed 20, yellow	50 mm	0.90 mm	Yes	25 pcs	4502094
Perican® Paed 18, pink	50 mm	1.30 mm	Yes	25 pcs	4502302
Epican® Paed 25 G	30 mm	0.53 mm	No	25 pcs	4502400

# Regional anesthesia

## Peripheral nerve blockage



### Stimuplex® HNS 12

The next generation of nerve stimulators

As a further development of the renowned Stimuplex® HNS 11, the Stimuplex® HNS 12 represents the next generation of nerve stimulators for regional anesthesia. It is equipped with all the tried-and-true functions of the HNS 11 along with innovative features to make peripheral regional anesthesia even easier and more efficient to use.

#### New functions

- SENSE technology for successful nerve stimulation even at greater distance from the nerve
- Ergonomic design, large display
- Rotary knob with click function allows precise adjustment of current strength
- Intuitive menu layout
- Alarm displays and acoustic signals for identifying relevant deviations
- Quick selection keys permit a rapid change of pulse amplitude, pulse duration and pulse frequency

#### Optional accessories

- Remote control for setting stimulation current, allows sterile one-handed operation
- Stimuplex® Pen for transcutaneous nerve stimulation

Type	Packaging unit	Art. no.
Stimuplex® HNS 12	1 pc	4892098



### Stimuplex® A

Cannulae for "single shot" peripheral regional anesthesia.

- Stimulation cannula to connect to B. Braun nerve stimulators
- With specialized insulating coating along the entire cannula shaft
- Glides extremely gently through all layers of tissue
- With injection tube and electrical connection cable
- 30° cut
- Touch-safe connection port on electrode cable
- Can be used with Stimuplex® HNS 11, HNS 12 and Dig RC nerve stimulators

Type	Cut	Ø	Length	Packaging unit	Art. no.
Stimuplex® A 24 G	30°	0.55 mm	25 mm	25 pcs	4894251
Stimuplex® A 22 G	30°	0.70 mm	25 mm	25 pcs	4894539
Stimuplex® A 22 G	30°	0.70 mm	50 mm	25 pcs	4894502
Stimuplex® A 21 G	30°	0.80 mm	50 mm	25 pcs	4894375
Stimuplex® A 21 G	30°	0.80 mm	100 mm	25 pcs	4894260
Stimuplex® A 20 G	30°	0.90 mm	150 mm	25 pcs	4894278

1

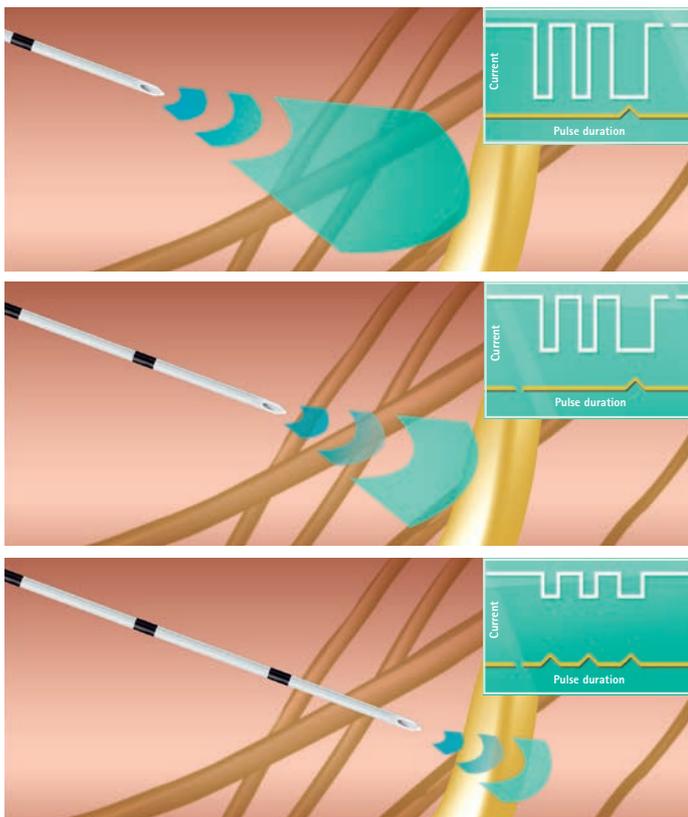


1 Stimuplex® HNS 12 with SENSe

## B. Braun Nerve Stimulator – Stimuplex® HNS 12 with SENSe

### What is SENSe?

Stimuplex® HNS 12 nerve stimulators with activated SENSe-function use "Sequential electrical Nerve Stimulation (SENSe)"<sup>1</sup> technology to emit an alternating sequence of three electrical pulses of different pulse duration for every set pulse amplitude. Two pulses having a duration of 0.1 ms are followed by a third, longer pulse, the duration of which is automatically adjusted by the stimulator. For a short distance from the cannula tip to the nerve, the shorter pulses lead to precise location, whereas the longer pulse enables nerve stimulation over a greater distance.



Of the three pulses emitted, the third and longer pulse causes the initial stimulation of the nerve. The resulting muscle reaction shows that the cannula is pointing in the direction of the nerve.

The stimulation cannula is now pushed further inwards. SENSe always maintains the muscle response, even when the cannula tip is moved slightly. The reduction of the current automatically shortens the pulse duration of the third pulse. It is therefore no longer necessary to change the duration of the impulse.

At a threshold of 0.5 mA and triple muscle responses, the cannula tip is on target.

### User benefits

- Stimulation with SENSe technology<sup>1</sup>
- Ergonomic design and large display
- Precise adjustment of the stimulation current
- Important alarms and safety functions
- Simple and quick adaptation of the most important parameters

#### Reference 1

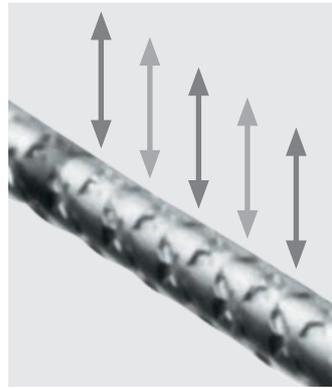
Use of Sequential Electrical Nerve Stimuli (SENS) for Location of the Sciatic Nerve and Lumbar Plexus. W. Urmeý et al., Regional Anesthesia and Pain Medicine, Vol. 31 No. 5, September–October 2006

# Ultraline 360: X-tremely good

## Features and user benefits



circular (360°)  
X-print design

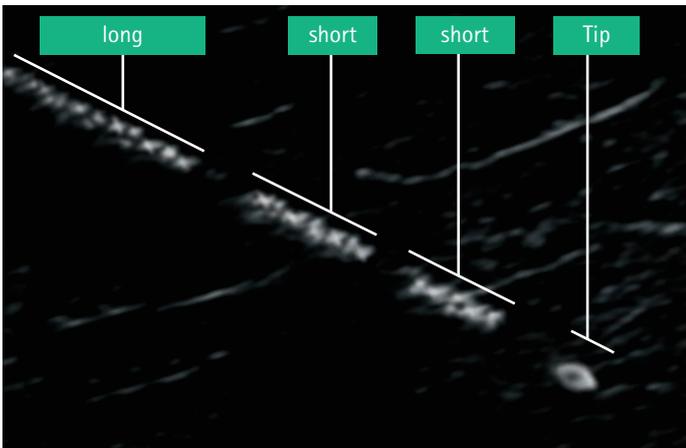


Reflection of  
the ultrasonic waves

### Ultrasound cannulae – Ultraline 360:

With the Ultraline 360, B. Braun is offering the latest generation of ultrasonic cannulae, which combines outstanding visibility with very good puncture and navigation properties.

The innovative X-Print design is applied in the so-called safety code pattern (long-short-short-tip) and makes for an improved identification of the tip and estimated distances.



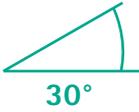
### Navigability

To estimate the distance, the **safety code** can even be used during puncture. The markings located on the first 2 cm of the needle provide information about the distance from the needle tip to the target.



### User benefits

- **Visibility:** circular (360°) X-print design for good needle visibility
- **Navigability:** Safety code for safer needle guidance
- **Design:** special production and coating technologies and 30° cut for a smooth puncture and gliding properties

Cannula	Cannula cut	Insulation	Ultrasound	Stimulation cable
	 30°	 Full Tip		
Stimuplex® A 	✓	✓		✓
Stimuplex® Ultra 360 	✓	✓	✓	✓
Ultraplex® 360 	✓	✓	✓	

Stimuplex® Ultra 360	Cannula diam. (G)	Cannula diam. and length (mm)	Cut	Packaging unit	Art. no.
  Ultrasound	Cannulae with 30° cut geometry				
	22 G	0.70 x 35 mm	30°	25 pcs	4892503-01
	22 G	0.70 x 50 mm			4892505-01
	22 G	0.70 x 80 mm			4892508-01
	20G	0.90 x 100 mm			4892510-01
	20 G	0.90 x 150 mm			4892515-01

Ultraplex® 360	Cannula diam. (G)	Cannula diam. and length (mm)	Cut	Packaging unit	Art. no.
  Ultrasound	Cannulae with 30° cut geometry				
	22 G	0.70 x 35 mm	30°	25 pcs	4892603-01
	22 G	0.70 x 50 mm			4892605-01
	22 G	0.70 x 80 mm			4892608-01
	20 G	0.90 x 100 mm			4892610-01
	20 G	0.90 x 150 mm			4892615-01

# Xperius® Onvision® needle tip tracking

Accurate | Predictable | Empowering



One of the mutual goals of Philips and B. Braun is to make peripheral nerve blocks easier and safer for both healthcare professionals and patients. This goal is now becoming a reality with Onvision® – our groundbreaking ultrasound needle guidance system. Tracking the needle tip can be particularly challenging when working with anatomically deep nerves and steep needle angles.

Onvision® creates new perspectives in regional anesthesia to help anesthetists position the needle more accurately and more safely.

Onvision® is a novel needle tip tracking technology designed especially for peripheral nerve blocks that works exclusively with Xperius® and Stimuplex® Onvision® cannulae. Onvision® indicates the needle tip position in the body in real time, both in plane and out of plane.

Your tried and tested workflow is not disrupted by Onvision® – just plug the cannula into the Onvision® system cable and you're ready to go.

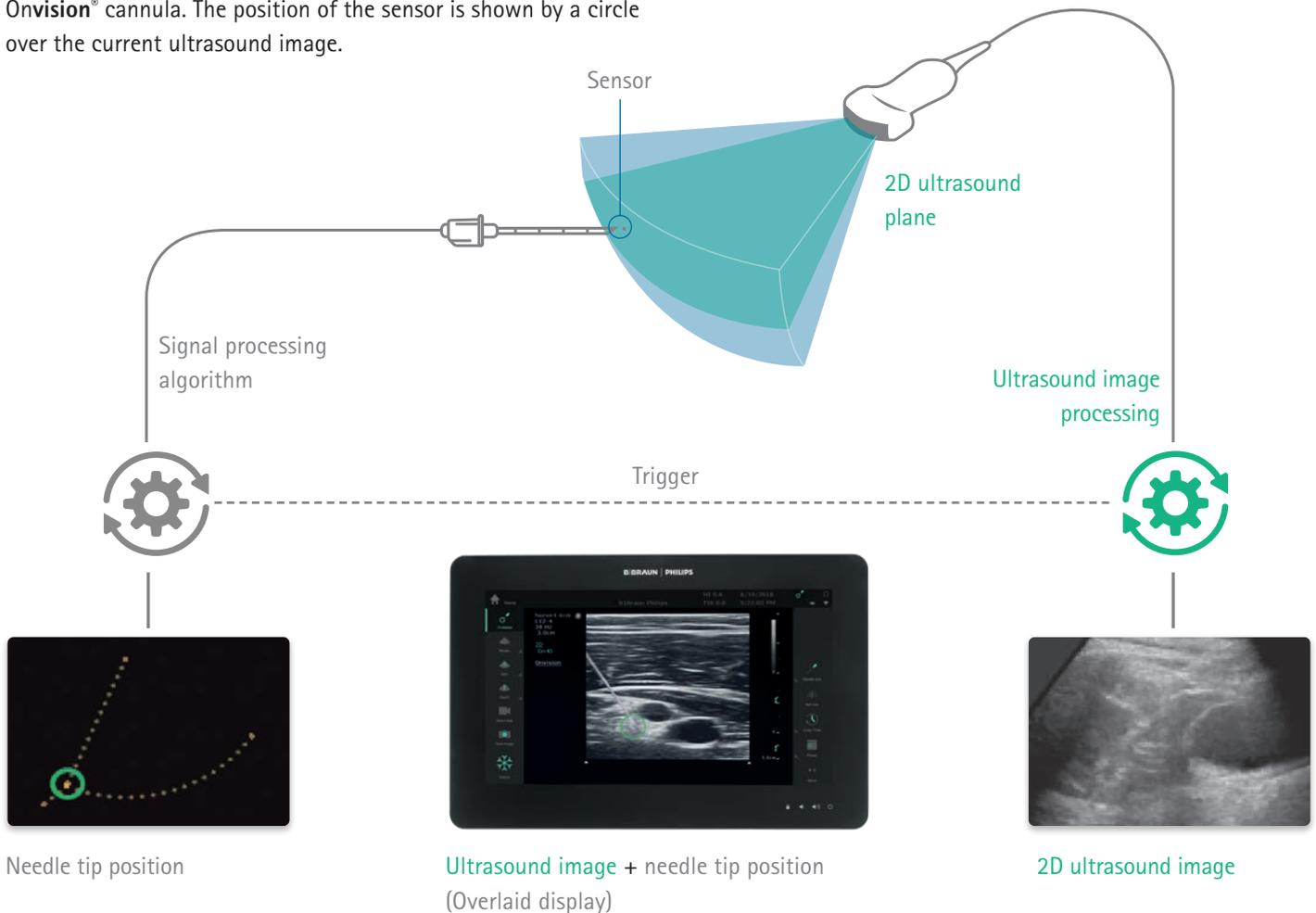
*"It feels good to work precisely. Onvision® gives me the security of having everything under control, even in the case of complicated blocks – because I know exactly where the needle tip is. It works reliably at any angle and at any depth."*

*Feedback from a physician*

- Visualization in superficial and deep blocks
- Intuitive & easy to use
- Avoid nerve punctures and damage to the surrounding tissue
- Ultrasound-based position tracking and accuracy

### How it works

Onvision® technology combines ultrasound image data from the Xperius® ultrasound system with the signal from the sensor in the Onvision® cannula. The position of the sensor is shown by a circle over the current ultrasound image.



### Needle tip tracker – Less is more

Onvision® makes identifying the needle tip easier than ever before. Colored circles appear as soon as a signal is received from the sensor in the cannula.

 The green circle indicates the position of the needle tip. The sensor is right in the ultrasound plane and is receiving a strong signal

 The red circle indicates the needle tip position (signal is being received). As the needle tip moves toward the ultrasound plane, the radius of the blue circle decreases. When the needle tip moves away from the ultrasound plane, the radius of the blue circle increases.  
If no circle is displayed, the sensor is not receiving a signal.

# ON-Q<sup>®</sup> Wound Infiltration

Just pain-free patients

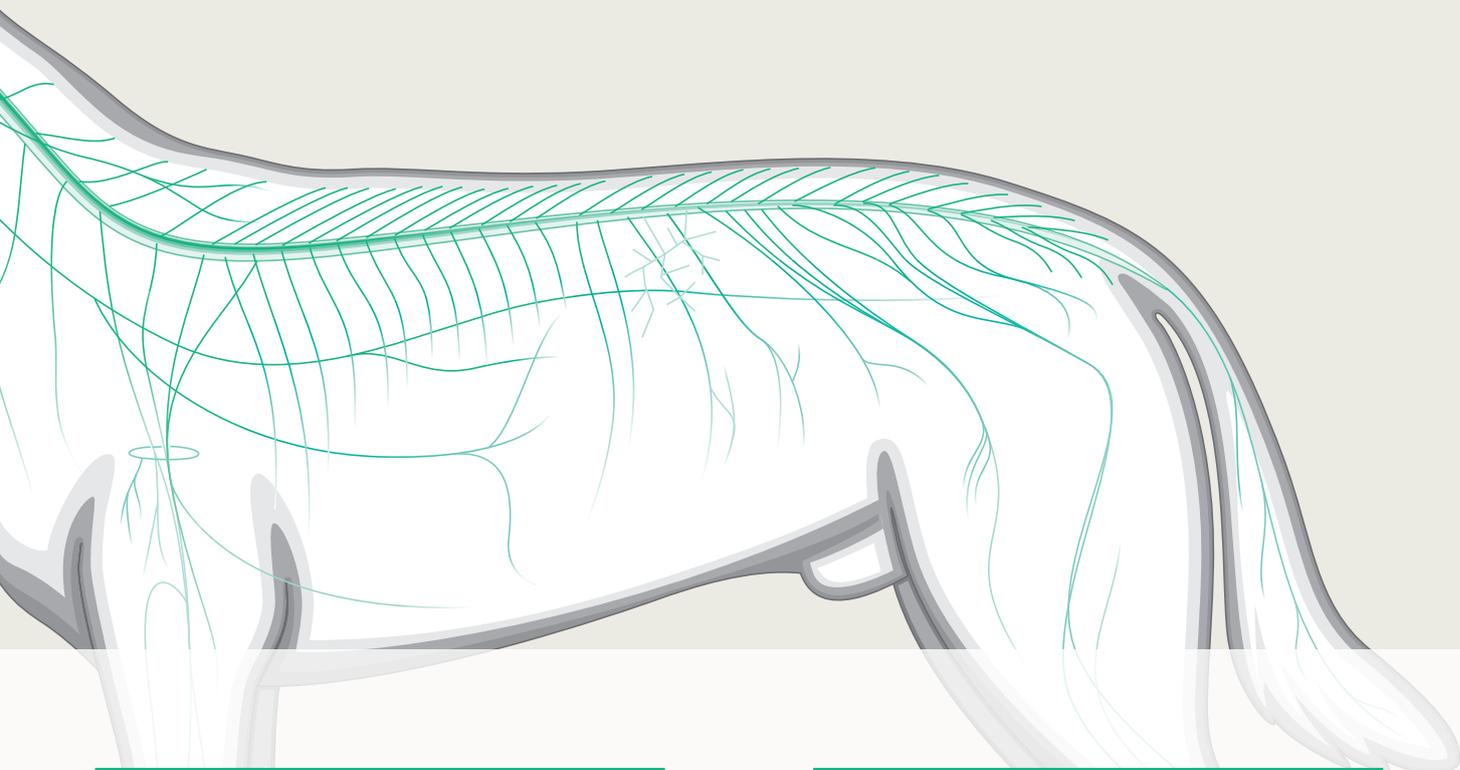
## How does ON-Q<sup>®</sup> Wound Infiltration (WI) work?

Through continuous wound infiltration the local anesthetic reaches the surgical wound via a special catheter system and in that way reduces the postoperative pain exactly where it occurs.



## When can ON-Q<sup>®</sup> Wound Infiltration (WI) be used?

- Ablation of the mammary chain
- Thoracic and Abdominal Surgery, Tumor Surgery
- TECABO
- Amputation
- Orthopedic surgery



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### Why should you use Easypump® Wound Infiltration (WI)?

- Pain-free thanks to direct application of the local anesthetic at the site where the pain occurs <sup>1</sup>
  - Faster discharge of the patient from the veterinary clinic
  - Happy pet owners <sup>1</sup>
  - Veterinary Clinic Marketing:  
Pain-reduced treatment/surgery:  
"We fight pain where it originates." <sup>1</sup>
- 

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### What are the distinguishing features of the wound infiltration catheter?

- Injection length for uniform distribution of the local anesthetic in tissue
  - Atraumatic closed catheter tip with marking
  - Introducer needle and peel-off sheath for easier catheter application
  - Length marking to aid in catheter placement
  - Equipment with radiopaque material
- 

#### Reference 1

2015 AAHA/AAFP Pain Management Guidelines for Dogs and Cats\*, Mark Epstein, DVM, DABVP, CVPP (co-chairperson), Ilona Rodan, DVM, DABVP (co-chairperson), Gregg Griffenhagen, DVM, MS, Jamie Kadriak, CVT, Michael Petty, DVM, MAV, CCRT, CVPP, DAAPM, Sheilah Robertson, BVMS, PhD, DACVAA, MRCVS, DECVAA, Wendy Simpson, DVM

# Elastomeric pump systems for continuous regional anesthesia

## ON-Q® Elastomeric pumps

Peripheral and epidural nerve blocks provide reliable postoperative analgesia and rapid recovery. The ON-Q® elastomer pump is the complement of these systems for pain therapy.

The **good pain control** shortens convalescence and increases patient and owner satisfaction.

### 1. Balloon cover

- Reliable administration of the local anesthetic
- Great durability
- No complicated electronics
- Silent infusion without alarms

### 2. Separate color-coded filling nozzle

- Easy filling
- Clear color coding to prevent dosing errors

### 3. Closed system

- Reduces the risk of infection and increases security against tampering



# The ON-Q® System

## The ON-Q® system in the pain therapy process

As an integral part of the pain therapy process, the ON-Q® wound infusion system has supported our customers in their daily work for many years. They rely on the time-proven system of efficient pump technology and effective catheter design.

### The flow limiter

- Regulates the flow rate
- Is glued to the skin during application
- No manipulation by the patient possible (e.g. setting a different flow rate)

### The hose clamp

- To stop / close the infusion

### The Soaker Catheter

- Special wick technology: A wick, which absorbs the local-anesthetic and delivers it evenly to the tissue via the respective infusion sections is incorporated into the catheter.

### The pump body

- Elastomeric three-layer system for precise and easy to handle function
- Increase in comfort for the patient owing to a soft and round surface of the pump
- The pump body is usually filled by hand before the catheter is inserted. The membranes stretched in the process re-contrast and press the liquid into the interior into the hose system

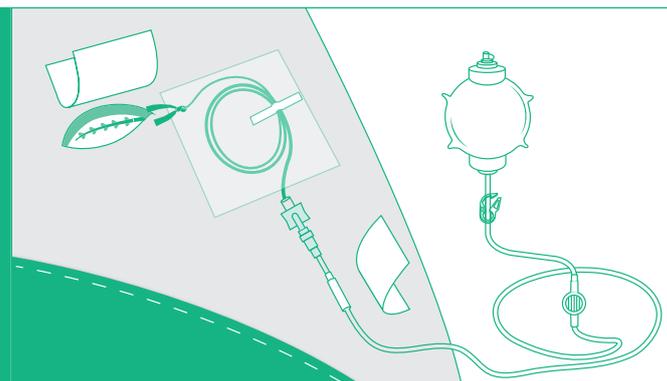
### The filter

- Prevents the passage of particles and separates any air that may have entered



### User benefits

- Comprehensive portfolio for continuous wound infusion
- Closed system because of elastomeric pump and wound infusion catheter
- Dual catheter system for parallel infusion in multiple layers/areas
- Tunneler for placing the catheter on delicate structures



# ON-Q® pain systems and ON-Q® soaker catheters (wound infiltration catheters)

Art. no.	Description	Infusion duration in h.	Packaging unit
<b>Pain therapy with the ON-Q® systems</b>			
A system contains: Infusion pump   Soaker™ Catheter TM 61 cm, 19G   Syringe 60 mL for filling   Carrying bag   17G introducer needle Et peel-off sheath   Syringe 5 mL for catheter ventilation   Drug label   Patient information   Instructions for use			
PS6503	ON-Q® Wound Infusion System, 270 mL, 2 mL/h + 6.5 cm Soaker™ Catheter	135	5 pcs
PS6504	ON-Q® Wound Infusion System, 270 mL, 5 mL/h + 6.5 cm Soaker™ Catheter	54	5 pcs
PS6506	ON-Q® Wound Infusion System, 400 mL, 5 mL/h + 6.5 cm Soaker™ Catheter	80	5 pcs
PS12502	ON-Q® Wound Infusion System, 100 mL, 2 mL/h + 12.5 cm Soaker™ Catheter	50	5 pcs
PS12503	ON-Q® Wound Infusion System, 270 mL, 2 mL/h + 12.5 cm Soaker™ Catheter	135	5 pcs
PS12504	ON-Q® Wound Infusion System, 270 mL, 5 mL/h + 12.5 cm Soaker™ Catheter	54	5 pcs
PS12506	ON-Q® Wound Infusion System, 400 mL, 5 mL/h + 12.5 cm Soaker™ Catheter	80	5 pcs
PS25006	ON-Q® Wound Infusion System, 400 mL, 5 mL/h + 25 cm Soaker™ Catheter	80	5 pcs
<b>Wound infiltration catheter single</b>			
PM010	ON-Q® Soaker™ Catheter 19G 6.5 cm		5 pcs
PM020	ON-Q® Soaker™ Catheter 19G 12.5 cm		5 pcs
PM040	ON-Q® Soaker™ Catheter 19G 25 cm		5 pcs
<b>ON-Q® SINGLE PUMP with flexible flow rate/without catheter</b>			
CBI004	ON-Q® Single pump 400 mL with flow rate controller 2-14 mL/h	14 - 50	5 pcs
PSAF01	ON-Q® Single pump 270 mL with flow rate controller 1-7 mL/h	42 - 150	5 pcs

## ON-q® pain systems

Pump filling volume (mL)	Flow rate (mL/h)	6.5 cm Infusion length Soaker Catheter™	12.5 cm Infusion length Soaker Catheter™	25 cm Infusion length Soaker Catheter™
100	2	-	PS12502	-
270	2	PS6503	PS12503	-
270	5	PS6504	PS12504	-
400	5	PS6506	PS12506	PS25006

# Easypump® II

Elastomeric infusion pump for short-term and long-term infusions

## Long-term infusion

Description	Color code	Article number
Easypump® II LT 60-12-S		4540002-07
Easypump® II LT 500-12.5-S		4540003-07
Easypump® II LT 80-16-S		4540004-07
Easypump® II LT 125-25-S		4540006-07
Easypump® II LT 270-27-S		4540008-07
Easypump® II LT 60-30-S		4540010-07
Easypump® II LT 120-30-S		4540012-07
Easypump® II LT 400-40-S		4540014-07
Easypump® II LT 100-50-S		4540016-07
Easypump® II LT 270-54-S		4540018-07
Easypump® II LT 120-60-S		4540020-07
Easypump® II LT 270-68-S		4540026-07
Easypump® II LT 400-80-S		4540022-07
Easypump® II LT 400-100-S		4540028-07
Easypump® II LT 270-135-S		4540032-07

All Easypump® II ST – LT variants are delivered in boxes of 10.

## Short-term infusion

Description	Color code	Article number
Easypump® II ST 100-0.5-S		4540040-07
Easypump® II ST 250-0.5-S		4540042-07
Easypump® II ST 50-1-S		4540044-07
Easypump® II ST 100-1-S		4540046-07
Easypump® II ST 250-1-S		4540048-07
Easypump® II ST 250-1.5-S		4540050-07
Easypump® II ST 400-2-S		4540052-07
Easypump® II ST 500-2-S		4540054-07
Easypump® II ST 100-2-S		4540056-07
Easypump® II ST 400-4-S		4540058-07

## System and coding

Easypump® II offers a broad product portfolio of different variants. A clear coding system helps you choose the version that best suits your patients' needs.

**LT** stands for "long-term" and means an infusion duration between 12 hours and 270 hours (11 days).

**ST** stands for "short-term" and refers to the range of pumps with an infusion time of 30 minutes to a maximum of 4 hours.

**30** represents the nominal infusion time in hours.

### Easypump® II LT 120-30-S

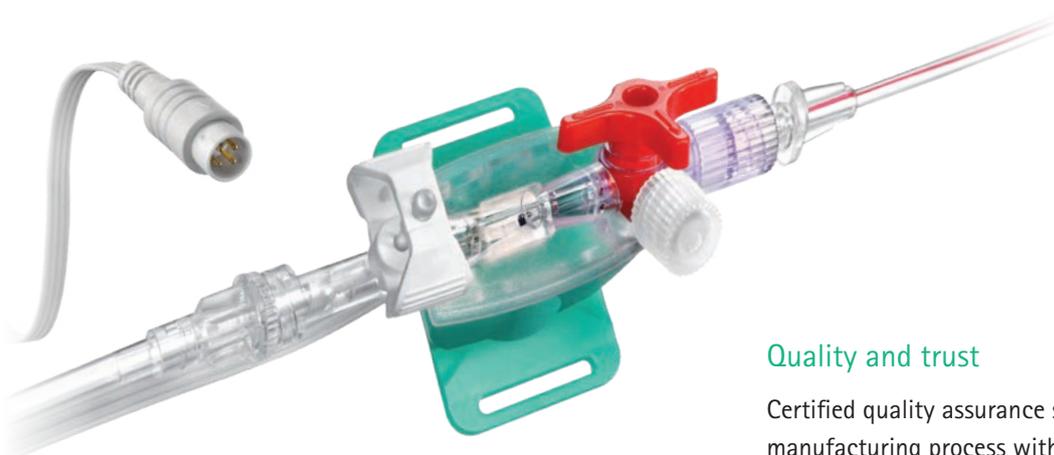
**120** indicates the nominal filling quantity in mL. Easypump® II is available from 50 mL to 500 mL.

**S** means "soft shell", i.e. a soft and flexible housing and body of the pump.

# Invasive blood pressure measurement

## Combitrans disposable transducer for continuous physiological pressure measurement

Disposable transducer for continuous invasive pressure measurement and for determining other important haemodynamic parameters.



### Quality and trust

Certified quality assurance systems and an automated manufacturing process with the aim to ensure high quality, safety and reliability.

### Advantages of the sensor

- Compact and 100% tested unit with very good transmission characteristics
- Modern chip technology for measured value conversion with high precision
- Pre-calibrated sensor with constant characteristic electrical values
- Flow channel for easy filling without air bubbles

### Advantages of the components

- Rinsing system: Continuous irrigation rate of 3 mL/h at 300 mmHg. Fast rinsing rate of > 2 mL/s. Transparent housing for easy visual checks.
- Discofix®-3: Three-way valve Off / On version. Color coded.
- Combidyn pressure hoses: Enables pressure measurement. Color coded.

Art. no.	Name	Packaging unit
5203660	Combitrans disposable transducer	20 pcs
4086007	Combitrans securing plate single	1 pc
5214696	Combitrans securing plate double	1 pc
5204984	Combidyn pressure hose transparent 20 cm	50 pcs
5204941	Combidyn pressure hose transparent with red stripes 20 cm	50 pcs
5205026	Combidyn pressure hose transparent 150 cm	50 pcs
5208599	Combidyn pressure hose with three-way stopcock red 20 cm	50 pcs

For connection cables, monitors and transducers – please contact us.  
We can help you choose the right cable.

# Monitoring set with one-way transducer

## Combitrans

Monitoring set with disposable transducer for physiological pressure measurement

### Complete system

- for good pressure signal transmission
- to save time and reduce workload through real-life configurations
- reduces contamination at the connection points

### Combitrans rinsing system

- Continuous rinsing rate 3 mL/h at 300 mmHg

### 1. Combitrans disposable transducer

Compact, 100% tested unit with good transmission characteristics

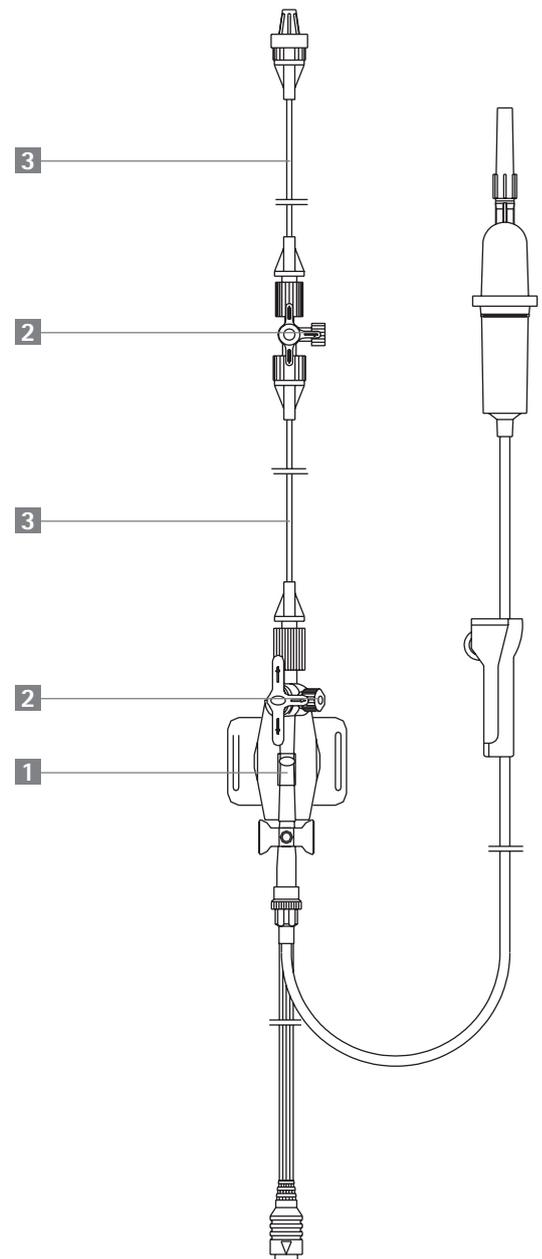
- with corresponding interface cable, can be used in conjunction with all CF class monitors
- modern chip technology for measured value conversion with high precision
- pre-calibrated sensor with consistent electrical characteristics (sensitivity, linearity, zero point stability)
- straight flow channel for easy filling without air bubbles

### 2. Discifix®-3

- 2 three-way stopcocks red (arterial), blue (venous), and yellow (pulmonary arterial)

### 3. Combidyn pressure hose 125 cm / 20 cm

- ø 1.5 mm x diam. 2.7 mm
- with red (arterial), blue (venous), or yellow (pulmonary arterial) stripe



# Arterial vascular access



## Introcan®:

FEP vascular catheter

- No fixation wings, allows one-handed puncture technology
- 3-facet cut geometry ensures good puncture characteristics
- Highly transparent blood chamber, water-repellent blood stopper
- Capillary has four fully embedded radiopaque strips
- Luer-Lock connector, removable locking cone
- Size color-coding
- Latex- and PVC-free

Gauge	Flow	Inner diameter	Diameter x length	Packaging unit	Art. no.
Introcan®: FEP catheter material					
■ 24G	22 mL/min	0.48 mm	0.7 x 19 mm	50 pcs	4252071B
■ 22G	35 mL/min	0.63 mm	0.9 x 25 mm	50 pcs	4252098B
■ 20G	60 mL/min	0.80 mm	1.1 x 32 mm	50 pcs	4252110B
■ 18G	105 mL/min	0.99 mm	1.3 x 32 mm	50 pcs	4252322B
■ 18G	100 mL/min	0.99 mm	1.3 x 45 mm	50 pcs	4252136B
■ 16G	210 mL/min	1.34 mm	1.7 x 50 mm	50 pcs	4252160B
■ 14G	345 mL/min	1.78 mm	2.2 x 50 mm	50 pcs	4252217B



### Introcan®-W:

FEP vascular catheter

- With fixation wings, allows one-handed puncture technology
- 3-facet cut geometry ensures good puncture characteristics
- Highly transparent blood chamber, water-repellent blood stopper
- Capillary has four fully embedded radiopaque strips
- Luer-Lock connector, removable locking cone
- Size color-coding
- Latex- and PVC-free

Gauge	Flow	Inner diameter	Diameter x length	Packaging unit	Art. no.
Introcan®-W: FEP catheter material					
■ 24G	22 mL/min	0.48 mm	0.7 x 19 mm	50 pcs	4254074B
■ 22G	35 mL/min	0.63 mm	0.9 x 25 mm	50 pcs	4254090B
■ 20G	60 mL/min	0.80 mm	1.1 x 32 mm	50 pcs	4254112B
■ 18G	105 mL/min	0.99 mm	1.3 x 32 mm	50 pcs	4254325B
■ 18G	100 mL/min	0.99 mm	1.3 x 45 mm	50 pcs	4254139B
■ 16G	210 mL/min	1.34 mm	1.7 x 50 mm	50 pcs	4254171B
■ 14G	345 mL/min	1.78 mm	2.2 x 50 mm	50 pcs	4254210B

# Arteriofix and Arteriofix V for invasive blood pressure measurement and blood sampling



## Arteriofix

Arterial catheter set for invasive blood pressure measurement and blood sampling in accordance with the Seldinger technique.

**Introducer cannula** made of stainless steel

- Continuous attachment for easy insertion of the guide wire
- Matched to guide wire, catheter diameter and puncture site
- Luer Lock connector

**Guide wire** made of stainless steel

- Flexible tip
- Matched to the relevant inner diameter of the catheter

**Catheter** made of FEP

- Blood and tissue resistant
- Smooth surfaces to prevent thrombogenesis
- Molded tip for easy insertion
- Winged hub
- Color coded Luer Lock connectors

Height	Diameter x length	Needle	Packaging unit	Art. no.
Arteriofix V Arterial Catheter Set				
22G/80 mm	0.87; 80	22G; 0.80 x 50 mm	20 pcs	5206364



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Thank you very much – The pictures were taken in Hergolding with the kind support of the small animal specialists Frontier GmbH.

Manufacturer acc. to MDD 93/42/EEC  
Manufacturer acc. to MDR (EU) 2017/745

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