



REGIONAL ANAESTHESIA
Epidural and spinal anaesthesia



NRFit™
neura**fit**
Range



Value Life

Product index

Product code	Designation	Page
191.30A1	neurafit mini-kit with peripur epidural catheter	8
191.70A1	neurafit mini-kit with peristyl epidural catheter	8
5191.3371A1	neurafit mini-kit with peribax epidural catheter	9
80189.322A1	neurafit mini-kit with peribax (without XRO line) epidural catheter	9
Spinal Anaesthesia / Lumbar Puncture		
181.042A1	Whitacre needles	11
181.942A1		
181.052A1		
181.252A1		
181.072A1		
5181.27A1		
5180.05A1	Quincke needles	12
180.052A1		
5183.47A1		
5183.97A1		
5180.27A1		
5183.49A1		
5183.92A1		
Accessories		
VGU15461125	neurafit Extension Line - 125 cm	14
VGU15291050	neurafit Drawing up Needle - 18G 50 mm	14
VGU15241001	neurafit 3-way Stopcock	14
80822A1	Filter	14
101810A1	LOR syringe	14
V051010011A1	neurafit syringe 1 mL slip	15
V051010031A1	neurafit syringe 2.5 mL slip	15
V051010032A1	neurafit syringe 1 mL lock	15
V051010051A1	neurafit syringe 5 mL slip	15
V051010052A1	neurafit syringe 5 mL lock	15
V051010101A1	neurafit syringe 10 mL slip	15
V051010102A1	neurafit syringe 10 mL lock	15
V051010201A1	neurafit syringe 20 mL slip	15
V051010202A1	neurafit syringe 20 mL lock	15
V051010602A1	neurafit syringe 60 mL lock	15

References

- [1] Eldor, J., To NRFit or not to NRFit?, J Health Sci Dev Vol: 2, Issu: 1 (09-13), 2019
- [2] Yentis, S. M., Randall K., Drug errors in obstetric anaesthesia: a national survey, International Journal of Obstetric Anesthesia, Volume 12, Issue 4, 246 - 249
- [3] ISO 80369-1:2018(en) Small-bore connectors for liquids and gases in healthcare applications — Part 1: General, requirements <https://www.iso.org/obp/ui/#iso:std:iso:80369:-1:ed-2:v1:en>, visited on 16/12/2019
- [4] ESRA Congress 2019 Questions form.

Legal Disclaimer

[NRFit™ Range Epidural Anesthesia Neurafit™ epidural set – Neurafit™ LOR Syringe – Neurafit™ Epidural Filter – Neurafit™ Syringes – Neurafit™ Extension Line – Neurafit™ 3-Way Stopcock – Neurafit™ Drawing up Needle Medical devices indicated for Epidural anesthesia and analgesia Mini-set, Filter class, Extension Line, 3-Way Stopcock IIa – LOR Syringe class Is – Syringes, Drawing up Needle class I, sterile, CE 0459 Spinal Anesthesia / Lumbar Puncture Neurafit™ Whitacre Needles – Neurafit™ Quincke Needles Medical devices indicated for Spinal Anesthesia / Lumbar Puncture Whitacre and Quincke needles class III – Sterile, CE 0120

Manufacturer : VYGON 5, rue Adeline 95440 Ecoen, France. These devices must be used by trained health-care professionals. Please refer to the IFU for more information. For reimbursement information, please refer to your local market and health insurance organization.

A range developed for more patient safety

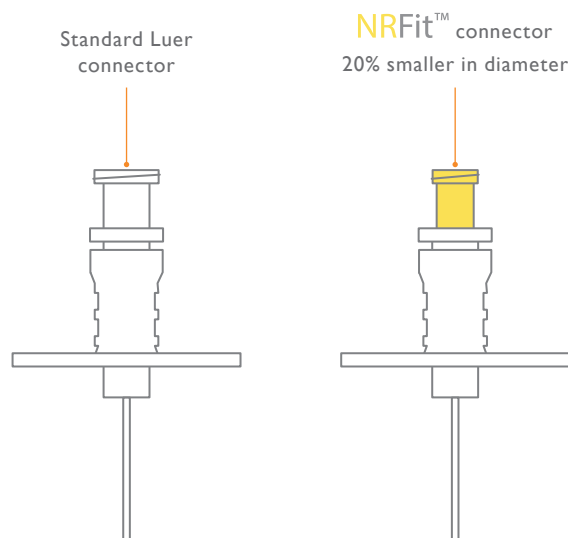
Why has it been developed ? [1, 2]

For years, drug errors have caused acute levels of harm and deaths due to neuraxial misconnection. 14% of drug errors in the anesthesia field are due to wrong route injections. Some of these accidents are due to local anaesthetics being injected intravenously or drugs being administered epidurally when they were not intended for the neuraxial route.

What is NRFit™ ? [3]

The ISO 80369 series of Standards for small bore-connectors, aims to avoid misconnections between unrelated delivery systems (such as intravenous, enteral and epidural routes) which can cause injuries and death to patients.

What is the difference between Luer and NRFit™?



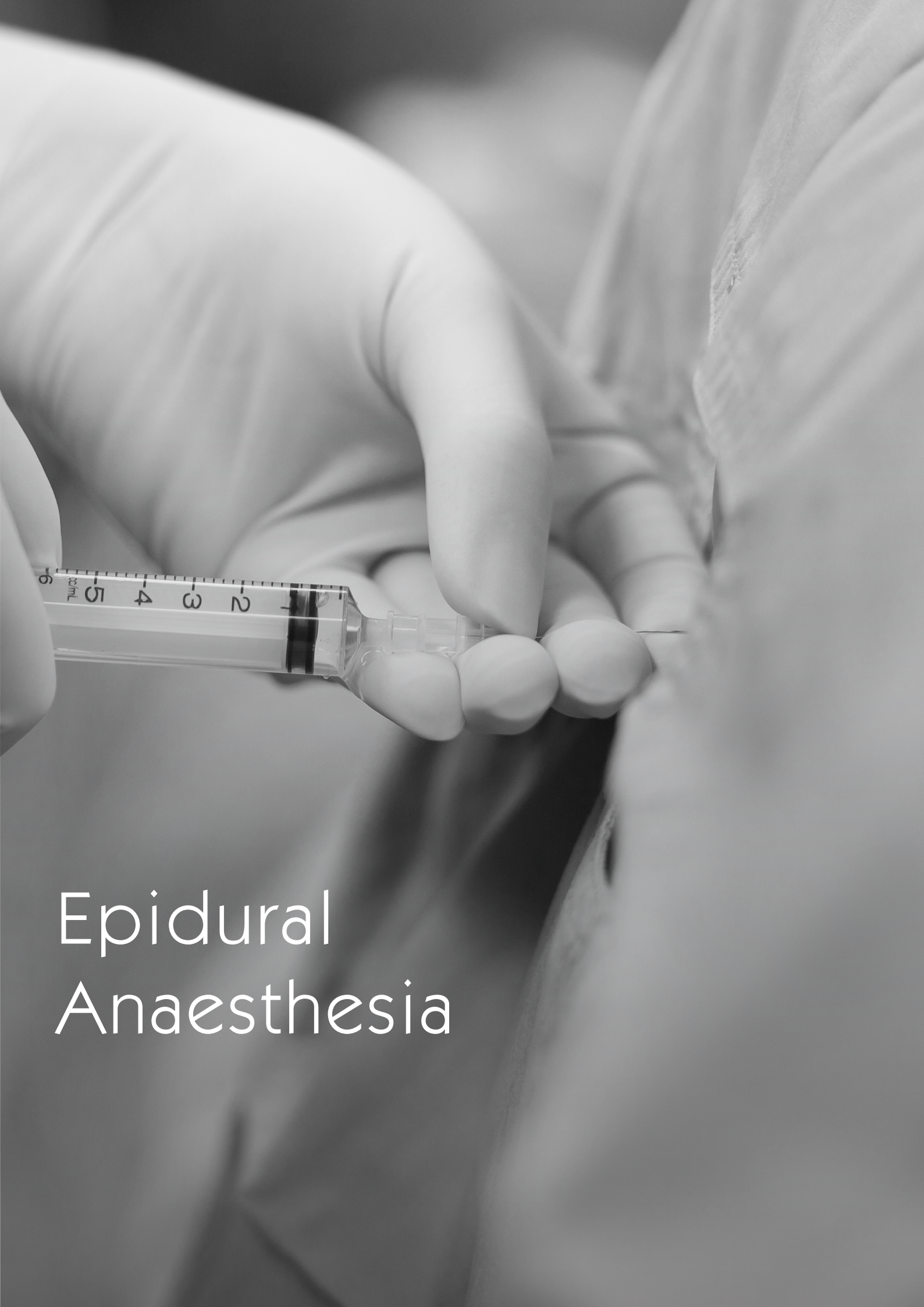
Advantages

- A reduction in the risk of misconnections (impossibility to connect to Luer devices)
- Yellow colour coding and the **neurafit**® label on the packaging for time saving procedures
- No risk of accidentally connecting to other small fittings
- A safe and reliable connection to NRFit™ elements
- The ISO series of Standards aims to have designated bore connectors for different indications that do not fit devices used for other indications

[1] Eldor, J., To NRFit or not to NRFit?, J Health Sci Dev Vol: 2, Issu: 1 (09-13), 2019

[2] Yentis, S. M., Randall K., Drug errors in obstetric anaesthesia: a national survey, International Journal of Obstetric Anesthesia, Volume 12, Issue 4, 246 - 249

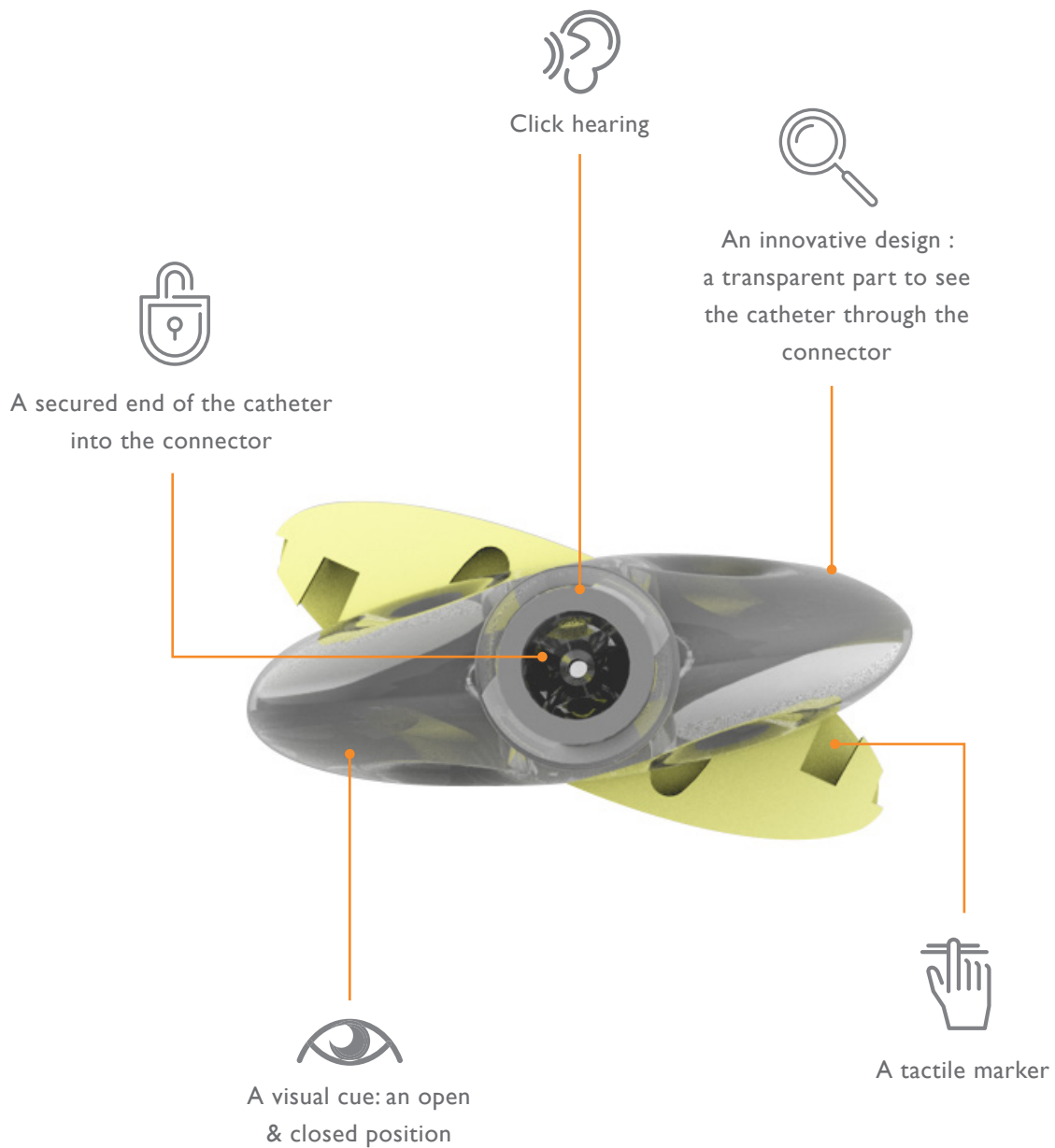
[3] ISO 80369-1:2018(en) Small-bore connectors for liquids and gases in healthcare applications — Part 1: General, requirements <https://www.iso.org/obp/ui/#iso:std:iso:80369:-1:ed-2:v1:en>, visited on 16/12/2019



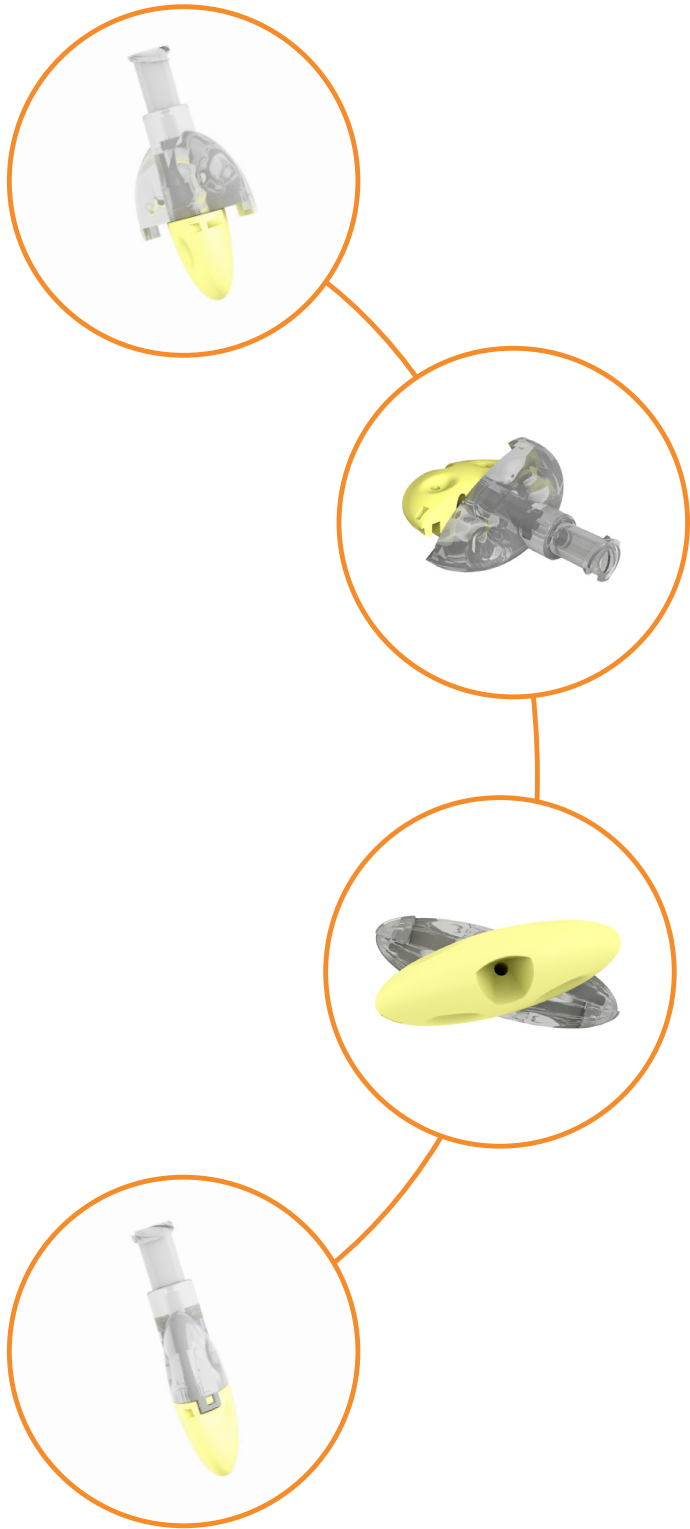
Epidural Anaesthesia

The Twist & Click Connector

For 60% of doctors the key features of a connector is the click hearing and the tactile marker. [4]



[4] ESRA Congress 2019 Questions form.



Designed to be



Ergonomic

To facilitate the insertion of the catheter



Safe

To avoid any leaks during the injection

Easy set-up

2 steps only

To connect the catheter

Insert and click

The NRFit™ mini-kits

Each mini-set includes: a catheter with catheter guide, Twist & Click connector, Tuohy needle, 10mL LOR syringe, 0.2µm filter and yellow label.

191.30A1

neurafit mini-kit with peripur epidural catheter

This mini kit includes a peripur catheter (soft material, no stylet, transparent with XRO line), closed tip with 3 lateral eyes.

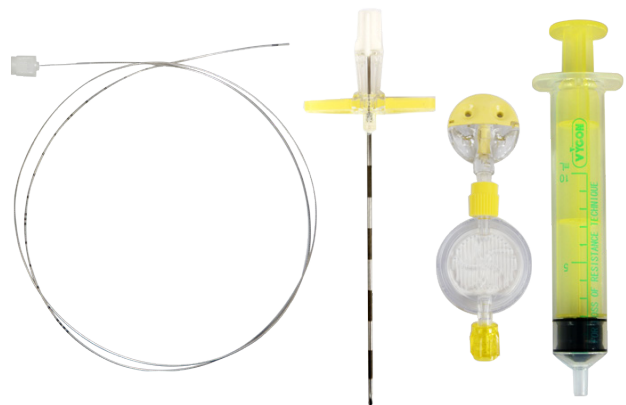


Code	Peripur Catheter				Tuohy Needle			Quantity Box/Case
	G	Length cm	Ext. Ø mm	Int. Ø mm	G	Length mm	Stylet material	
191.30A1	19	90	1,0	0,5	17	90	Metal	20/120

191.70A1

neurafit mini-kit with peristyl epidural catheter

This mini kit includes a peristyl catheter (very soft material, with metallic stylet, transparent with XRO line), closed tip with 3 lateral eyes.

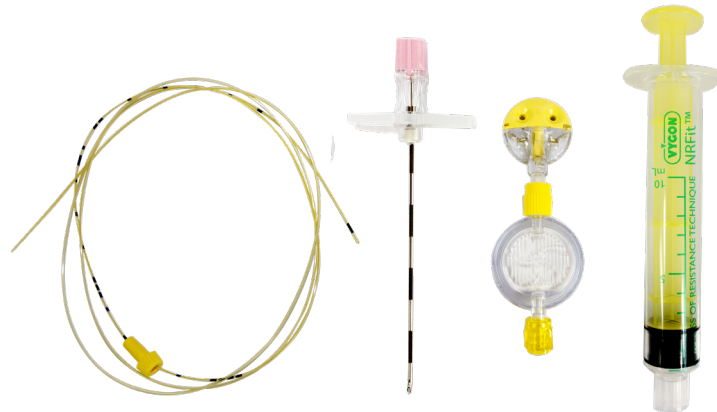


Code	Peristyl Catheter				Tuohy Needle			Quantity Box/Case
	G	Length cm	Ext. Ø mm	Int. Ø mm	G	Length mm	Stylet material	
191.70A1	19	90	1,0	0,5	17	90	Metal	20/120

5191.3371A1

neurafit mini-kit with peribax epidural catheter

This mini kit includes a peribax catheter (material with a good compromise between flexibility & rigidity, no stylet, transparent with XRO line)

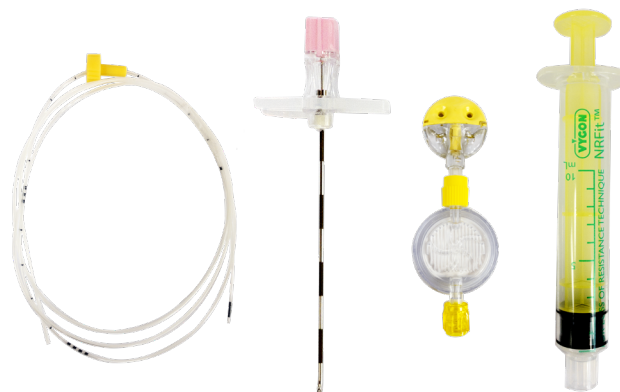


Code	Peribax Catheter				Tuohy Needle			Quantity Box/Case
	G	Length cm	Ext. Ø mm	Int. Ø mm	G	Length mm	Stylet material	
5191.3371A1	20	90	0,85	0,45	18	80	Plastic	20/120

80189.322A1

neurafit mini-kit with peribax (without XRO line) epidural catheter

This mini kit includes a peribax catheter (material with a good compromise between flexibility & rigidity, no stylet, transparent without XRO line), closed tip with 3 lateral eyes.



Code	Peribax Catheter (Without XRO Line)				Tuohy Needle			Quantity Box/Case
	G	Length cm	Ext. Ø mm	Int. Ø mm	G	Length mm	Stylet material	
80189.322A1	20	90	0,85	0,45	18	80	Plastic	20/120

Spinal Anaesthesia / Lumbar Puncture

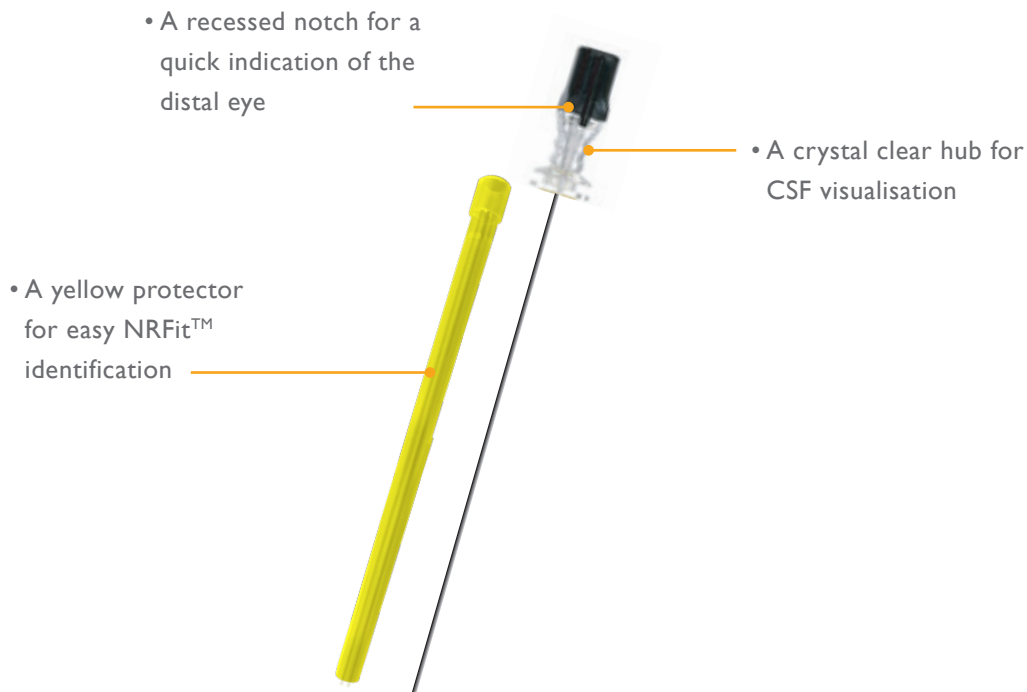


181 - 5181

Whitacre needles

Reduces the risk of post-spinal headache after intrathecal injection. The shape, size and positioning of the eye ensures optimum needle placement and excellent cerebrospinal fluid (CSF) response time.

**Whitacre
pencil point
design**



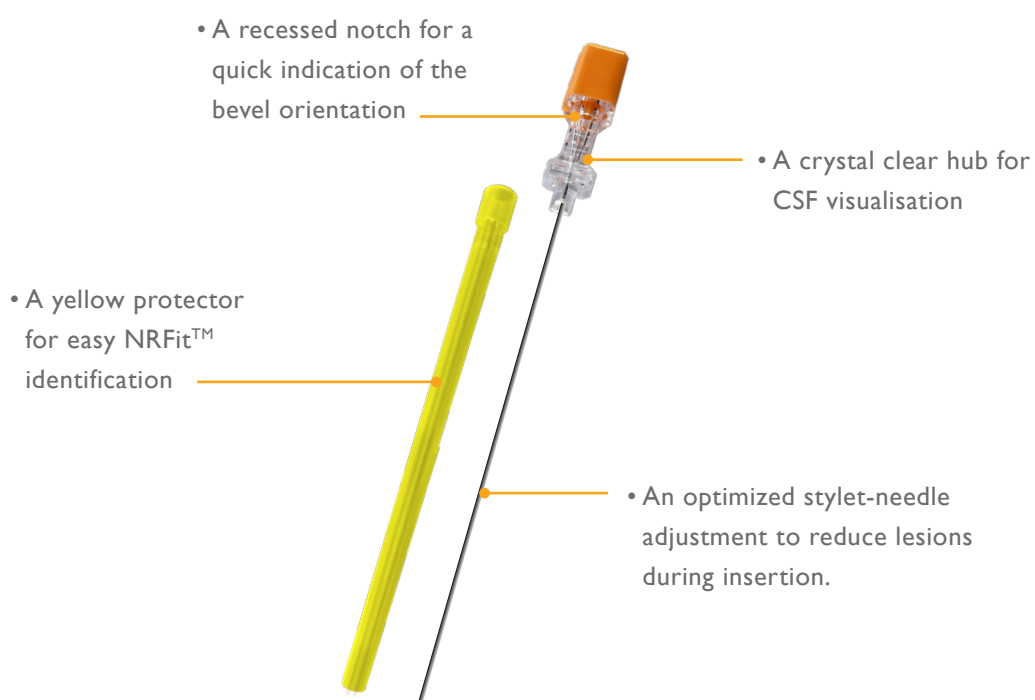
Code	Colour	Needle		Introducer		Quantity Box/case
		Diameter G	Length mm	Diameter G	Length mm	
181.042A1	●	27	90	22	38	25/1000
181.942A1	●	26	90	20	38	25/1000
181.052A1	●	25	90	20	38	25/1000
181.252A1	●	25	120	20	38	25/700
181.072A1	●	22	90	18	38	25/1000
5181.27A1	●	22	120	-	-	25/700



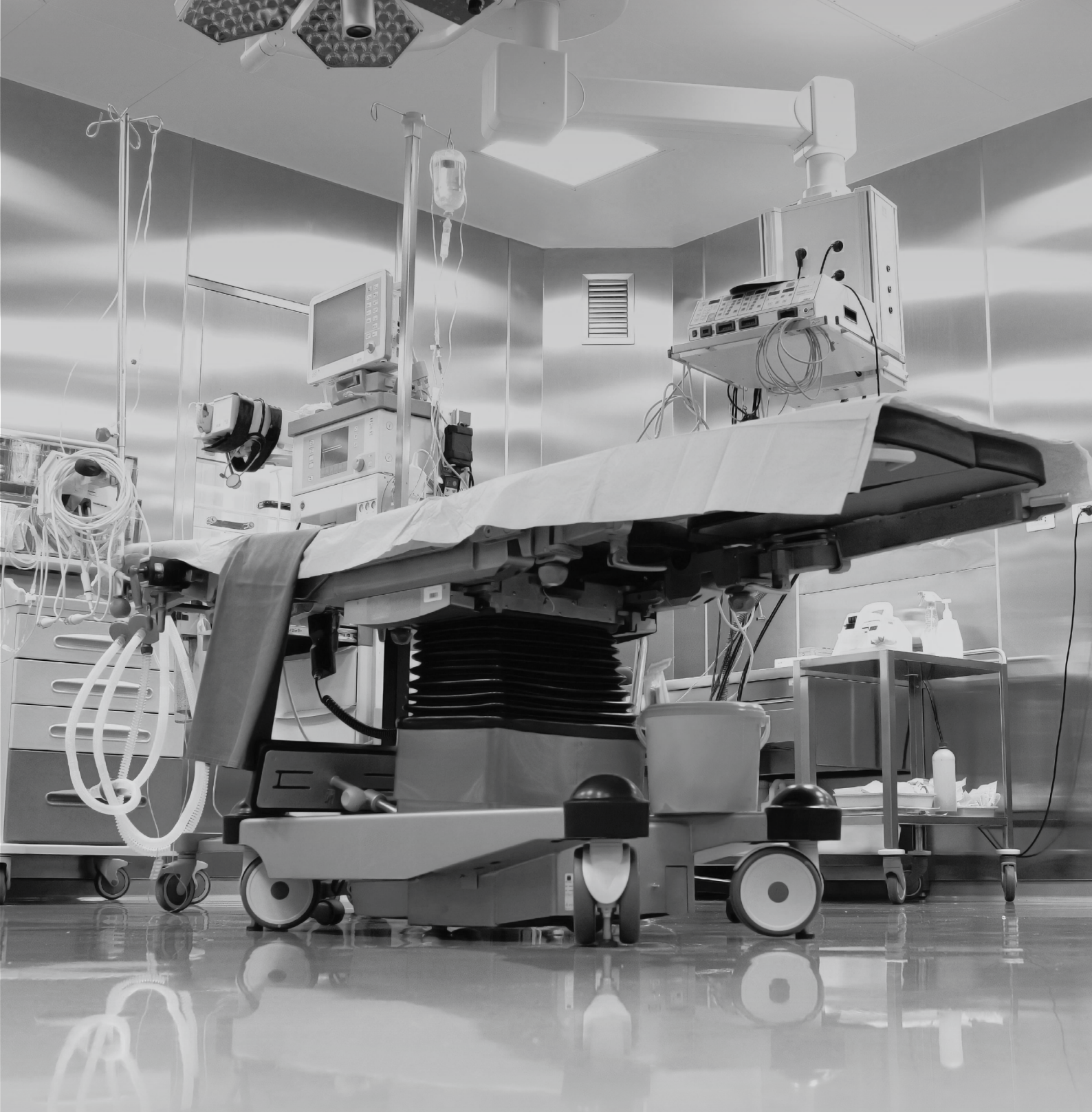
180 - 5180 - 5183

Quincke needles

Ideal for performing an effective lumbar puncture with a rapid CSF reflux.



Code	Colour	Needle		Introducer		Quantity Box/case
		Diameter G	Length mm	Diameter G	Length mm	
5180.05A1	●	25	90	-	-	25/1000
180.052A1	●	25	90	20	38	25/1000
5183.47A1	●	22	38	-	-	25/1000
5183.97A1	●	22	90	-	-	25/1000
5180.27A1	●	22	120	-	-	25/700
5183.49A1	●	20	38	-	-	25/1000
5183.99A1	●	20	90	-	-	25/1000
5183.92A1	●	18	90	-	-	25/1000



Accessories

● A full range of NRFit™ accessories designed for totally safe procedures

VGU15461125

Code	Designation	Quantity Box
VGU15461125	neurafit Extension Line 125 cm	25



VGU15291050

Code	Designation	Quantity Box
VGU15291050	neurafit Drawing up Needle 18G 50 mm	100



VGU15241001

Code	Designation	Quantity Box
VGU15241001	neurafit 3-way Stopcock	50



80822A1

Code	Designation	Quantity Box/case
80822A1	Filter	25/600



101810A1

Code	Designation	Quantity Box/case
101810A1	LOR syringe	20/240



● A full range of syringes to fit your needs



Code	Designation
V051010011A1	neurafit syringe 1 mL slip
V051010031A1	neurafit syringe 2.5 mL slip
V051010032A1	neurafit syringe 2.5 mL lock
V051010051A1	neurafit syringe 5 mL slip
V051010052A1	neurafit syringe 5 mL lock
V051010101A1	neurafit syringe 10 mL slip
V051010102A1	neurafit syringe 10 mL lock
V051010201A1	neurafit syringe 20 mL slip
V051010202A1	neurafit syringe 20 mL lock
V051010602A1	neurafit syringe 60 mL lock

NRFit syringes are only available via a customized pack (VYSET).

 ANAESTHESIA & EMERGENCY

For further information, please contact: marketingbenelux@vygon.com


The specifications shown in this leaflet are for information only
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SA VYGON NV • Haachtsesteenweg 1650 • Chaussée de Haecht 1650 • 1130 BRUSSELS • BELGIUM

Tel: +32 (0)2 706 09 50 • www.vygon.be

Vygon Nederland BV • Kerkhofstraat 21 • 5554 HG VALKENSWAARD • NETHERLANDS

Tel: +31 (0)40 208 93 80 • www.vygon.nl

 Vygon Benelux

VY21050



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