



The goal is simple: the best possible outcome

BD Regional Anaesthesia—products you can trust,
from a partner you can rely on



A lot goes into everything going right

Every patient is unique, requiring the approach that's right for them—and the right tools for the procedure. Ultimately, successful Anaesthesia outcomes depend upon the skill and experience of the anaesthesiologist. We're proud that so many of them trust BD products to help them manage their patients' pain and achieve better outcomes.



100+ years

Of creating innovative, reliable, high-quality regional Anaesthesia products



A robust portfolio

Available individually or in multiple configurations of kits and sets



The BD standard

Precision engineering and high quality for every Anaesthesia needle and syringe

Regional Anaesthesia is recommended



Superior pain relief compared to general anaesthesia and improvement in post-operative pain¹⁻²



Aids in earlier, post-surgery ambulation¹⁻²



Fewer in-hospital complications³ compared to general Anaesthesia



Decreased hospital stay compared to general Anaesthesia⁴



Distinct tactile feel with enhanced precision

While all of BD's regional Anaesthesia products are high quality, the BD™ Whitacre spinal needle stands out. BD™ Whitacre needles yield a distinct tactile "click" or "pop" as the pencilpoint penetrates the dura, alerting the clinician of proper placement. This may help reduce the occurrence of further needle advancement, which may lead to nerve root irritation and paresthesia⁵⁻⁷.



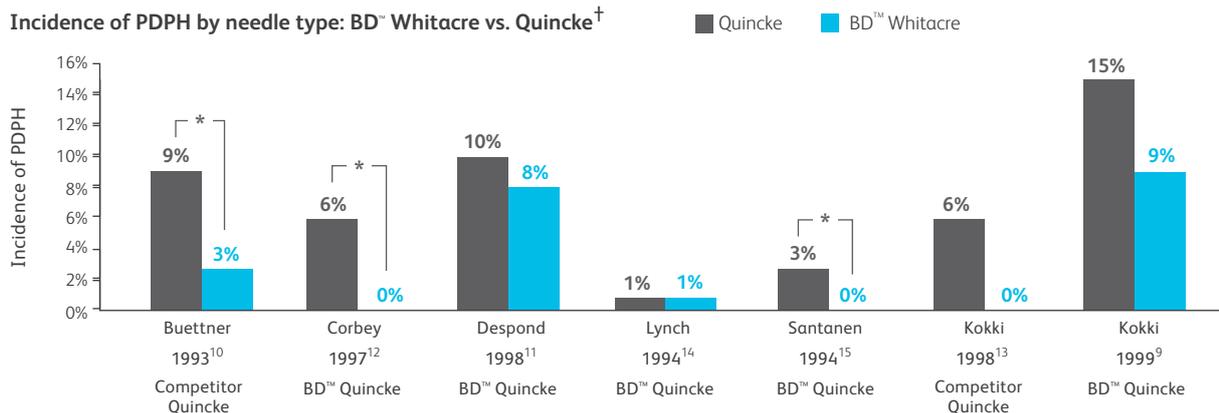
The best treatment for PDPH is to prevent it in the first place



Post-dural puncture headache (PDPH) is generally thought to be the result of decreased cerebrospinal fluid (CSF) pressure due to CSF leakage through the dura puncture hole⁸. This complication is costly to hospitals, both in terms of patient experience and primary treatment, but smaller gauge, pencil-point needles like the BD™ Whitacre spinal needles have been shown to minimize the risk of PDPH compared to larger gauge, cutting-point needles^{9,10,16}.

The BD™ Whitacre spinal needle is supported by 25+ independent published studies.

Incidence of PDPH by needle type: BD™ Whitacre vs. Quincke[†]



* Denotes statistically significant difference | † Compares both competitor Quincke and BD™ Quincke needles

We can even help procurement manage pain

While our products are designed for the anaesthesiologist and patient, we understand that every hospital has its own pain points.

The BD regional Anaesthesia solution enables procurement to reduce costs and increase efficiencies by streamlining vendor relationships. Clinicians in every care setting get the tools they need and want—in kits, sets and trays built around their preferences, all from a trusted, reliable, global partner known for its logistical and supply chain management excellence. Finally, there are the potential cost benefits that stem from BD's extensive presence throughout the hospital and the entire medication process—from preparation to patient recovery and everything in between.



Spinal Anaesthesia

Giving anaesthesiologists peace of mind

BD™ Whitacre and BD™ Quincke spinal needles' clear hubs enable anaesthesiologists to visualize CSF for proper needle placement. The manufacturing quality, reliability and consistency of every BD product gives clinicians peace of mind.



Better post-operative patient experience

With the BD™ Whitacre spinal needles that minimize the risk of PDPH^{10,12,15}



Enhanced precision

With BD™ spinal needles that enable visualization of CSF, aiding proper needle placement



From a trusted partner

With a range of products and configurations to meet Anaesthesia needs throughout your facility

BD spinal kits and sets

		Kits and sets					
		405065	405069	405076	405084	405112	405113
Procedure	BD™ Whitacre spinal needles						
	25 G x 90 mm BD™ Whitacre spinal needle, TW			•			
	25 G x 103 mm BD™ Whitacre spinal needle					•	
	27 G x 103 mm BD™ Whitacre spinal needle						•
	BD™ Quincke spinal needles						
	25 G x 90 mm BD™ Quincke spinal needle					•	
	26 G x 90 mm BD™ Quincke spinal needle		•				
	27 G x 90 mm BD™ Quincke spinal needle			•			
	Introducer needles	20 G x 32 mm introducer needle	•	•	•	•	•
22 G x 32 mm introducer needle			•				•

BD™ Whitacre spinal needles

They are available in different sizes with lengths ranging from 90 mm to 127 mm and gauges from 22 G to 27 G.

Some BD™ Whitacre spinal needles have thin walls (indicated below as TW), designed to maximize flow through needles of the same gauge.



BD™ Whitacre spinal needles			
Order no.	Description	Order no.	Description
401995	22 G x 90 mm (3 1/2 in.)	409442	25 G x 119 mm (4 11/16 in.)
405104	24 G x 90 mm (3 1/2 in.), TW	402051	27 G x 90 mm (3 1/2 in.)
402050	25 G x 90 mm (3 1/2 in.), TW	409443	27 G x 119 mm (4 11/16 in.)

BD™ Quincke spinal needles

They are available in different sizes with lengths ranging from 90 mm to 178 mm and gauges from 18 G to 27 G. The key/slot arrangement of stylet and cannula hubs on the BD™ Quincke spinal needles facilitates proper needle bevel orientation.



BD™ Quincke spinal needles			
Order no.	Description	Order no.	Description
405247	18 G x 75 mm (3 in.)	405255	22 G x 75 mm (3 in.)
405248	18 G x 90 mm (3 1/2 in.)	405256	22 G x 90 mm (3 1/2 in.)
408360	18 G x 156 mm (6 in.)	405148	22 G x 127 mm (5 in.)
405249	19 G x 75 mm (3 in.)	405149	22 G x 178 mm (7 in.)
405250	19 G x 90 mm (3 1/2 in.)	405240	23 G x 90 mm (3 1/2 in.)
405251	20 G x 38 mm (1 1/2 in.)	405245	25 G x 51 mm (2 in.)
405252	20 G x 75 mm (3 in.)	405257	25 G x 90 mm (3 1/2 in.)
405253	20 G x 90 mm (3 1/2 in.)	405234	25 G x 119 mm (4 11/16 in.)
405211	20 G x 156 mm (6 in.)	405258	26 G x 90 mm (3 1/2 in.)
405254	22 G x 38 mm (1 1/2 in.)	405259	27 G x 90 mm (3 1/2 in.)
405244	22 G x 64 mm (2 1/2 in.)		

Introducer needles			
Order no.	Description	Order no.	Description
405261*	22 G x 32 mm (1 1/4 in.), TW	405260**	20 G x 32 mm (1 1/4 in.)

* 405261 – For use with 27 G needle or smaller

**405260 – For use with 25 G needle or smaller

BD needle gauge color chart

For 25 G needle color, please refer to specific catalog code above



Epidural Anaesthesia

A full epidural solution that helps clinicians perform the procedure, from prep to finish

BD's portfolio for epidural Anaesthesia—kits, needles, syringes, infusion pumps, sets and accessories—contains everything anaesthesiologists need to perform an epidural block. Our high-quality products are designed with features that enhance procedural control for clinicians, helping them enhance patient comfort.



Long-lasting pain management

With closed-end and open-end nylon epidural catheters to provide continuous anaesthesia



Greater clinical control

With ergonomic grips on BD Perisafe™ Weiss epidural needles and enhanced tactile precision on BD Epilor™ loss-of-resistance (LOR) syringes



From a trusted partner

With a range of products and configurations to meet Anaesthesia needs throughout your facility

BD epidural continuous kit

		Kit
		400273
Procedure		
Procedure needles	BD™ Weiss epidural needles (fixed wings)	
	18 G x 90 mm BD Perisafe™ Weiss epidural needle	●
LOR syringes	Epilor™ plastic LOR syringes	
	7 mL BD Epilor™ LOR plastic BD Luer Lok syringe	●
Catheters	Nylon catheters	
	20 G BD Perisafe™ nylon catheter, CE*	●
Epidural accessories	Flat filter (0.2 micron filter)	●
	Cap BD Luer Lok male	●
	BD Perisafe™ epidural catheter connector	●

*Closed-end

BD epidural components

BD epidural needles

The fixed wings of the BD™ Weiss epidural needle provide an ergonomic grip for anaesthesiologists, enabling more control over needle insertion and depth. Both the BD™ Weiss and the BD Tuohy epidural needles have calibrated needle-depth markings to illustrate depth. Whether anaesthesiologists are looking for tactile feedback or penetration characteristics, BD has a range of epidural needles to provide the control that meets their needs.



Actual size

BD™ Weiss epidural needles

Order no.	Description	Order no.	Description
405194	 16 G x 90 mm (3 1/2 in.)	405188	 18 G x 90 mm (3 1/2 in.)
405191	 17 G x 90 mm (3 1/2 in.)	405190	 18 G x 127 mm (5 in.)
405193	 17 G x 127 mm (5 in.)	405186	 20 G x 90 mm (3 1/2 in.)

BD™ Tuohy epidural needles

Order no.	Description	Order no.	Description
405092	 17 G x 90 mm (3 1/2 in.)	405028	 20 G x 90 mm (3 1/2 in.)
405018	 18 G x 90 mm (3 1/2 in.)		

BD epidural catheters

Closed-end catheters are designed to reduce the potential of occlusions and are preferred by clinicians. BD Perisafe™ nylon catheters are available in both open-end and closed-end, multi-port tip configurations.

BD Perisafe™ Nylon catheters with epidural catheter connector

Order no.	Description
Only available in kits	19 G x 914 mm (36 in.) CE
Only available in kits	20 G x 914 mm (36 in.) CE

Syringes for use with pumps

BD also offers Luer Lok syringes, in sizes ranging from 10 to 50 mL, that are recommended for use with syringe pumps.

Syringes

Order no.	Description
300912	10 mL BD Plastipak™ Luer Lok syringe
301189	20 mL BD Plastipak™ Luer Lok syringe
301229	30 mL BD Plastipak™ Luer Lok syringe
300865	50 mL BD Plastipak™ Luer Lok syringe

Pump compatibility may vary by manufacturer. For additional details, please refer to your infusion pump manual.

BD needle gauge color chart

For 25 G needle color, please refer to specific catalog code above



Combined spinal and epidural (CSE) Anaesthesia

It's the best of both worlds, in one convenient solution



Enhanced patient experience

With BD™ Whitacre needles that have been shown to minimize the risk of PDPH^{10,12,15}



Greater performance

With the only CSE matched set system containing the BD™ Whitacre spinal needle



From a trusted partner

With a range of products and configurations to meet Anaesthesia needs throughout your facility



BD's CSE portfolio is designed to enhance patient comfort and clinical control making it ideal for labor and delivery procedures.

BD Durasafe™ kits and sets

BD offers kits designed specifically for CSE procedures. They contain the world-class Whitacre spinal needle with a hub that fits snugly with the BD™ Weiss epidural needle. The Weiss epidural needle also has bigger wings to give anaesthesiologists a secure grip, enabling more control during insertions.

Durasafe sets

405139

Procedure		
Spinal needles	BD™ Whitacre spinal needles	
	25 G x 119 mm BD™ Whitacre spinal needle	•
Epidural needles	BD™ Weiss epidural needles (fixed wings)	
	17 G x 90 mm BD™ Perisafe Weiss epidural needle	•

BD Durasafe™ Plus Epidural Lock CSE needle set



Medication preparation

BD syringes are available in sizes ranging from 1 mL through 50 mL to meet your medication preparation needs, both in the pharmacy and at the bedside. BD has a portfolio of hypodermic needles and syringes that is more widely used by healthcare professionals globally than any other brand.

Syringes			
Order no.	Description	Order no.	Description
309628	1 mL BD Plastipak™ Luer Lok syringe	305959	10 mL BD Plastipak™ Luer Lok syringe
303172	1 mL BD Plastipak™ TB Luer Slip tip syringe	307736	10 mL BD Emerald™ Luer Slip tip syringe
307727	2 mL BD Emerald™ Luer Slip tip syringe	303219	10 mL BD Emerald™ Luer Slip eccentric tip syringe
309658	3 mL BD Plastipak™ Luer Lok syringe	301189	20 mL BD Plastipak™ Luer Lok syringe
302986	3 mL BD Emerald™ Luer Slip tip syringe	301229	30 mL BD Plastipak™ Luer Lok syringe
309649	5 mL BD Plastipak™ Luer Lok syringe	300865	50 mL BD Plastipak™ Luer Lok syringe
307731	5 mL BD Emerald™ Luer Slip tip syringe		

BD™ Blunt fill and filter needles			
Order no.	Description	Order no.	Description
305211	18 G x 40 mm blunt filter needle	303129	18 G x 40 mm blunt fill needle

Tip caps	
Order no.	Description
305819	BD syringe tip cap

Intrathecal chemotherapy preparation and delivery

BD understands that ensuring reliable medication preparation and administration is critical, with some drugs requiring extra safety precautions. Our preparation tools have been designed with precision and protection in mind.

For the preparation and administration of hazardous drugs for intrathecal chemotherapy, BD offers the BD Hazardous Drug Safety (HDS) portfolio, designed to help reduce the risk of hazardous drug exposure. It includes the BD PhaSeal™ system as well as the flexible and efficient BD Texium™ system.

To learn more about our integrated solutions for hazardous drug safety, visit bd.com.



Paediatric solutions

The same BD quality, in small sizes that match your patients

BD offers shorter sizes of its preferred spinal and epidural needles, including the BD™ Quincke and the BD™ Chiba, for enhanced safety during lumbar puncture or spinal Anaesthesia.

Spinal needles	
Order no.	Description
405243	25 G x 25 mm (1 in.) BD™ Chiba needle
405245	25 G x 51 mm (2 in.) BD™ Chiba needle



These BD syringes have fine-scale markings to provide dose accuracy for your smallest patients.

Syringes		
Order no.	Description	Scale markings
309628	1 mL BD Plastipak™ Luer Lok syringe	0.01 mL
303172	1 mL BD Plastipak™ TB Luer Slip tip syringe	0.01 mL
309657	3 mL BD Plastipak™ Luer Lok syringe	0.02 mL
309649	5 mL BD Plastipak™ Luer Lok syringe	0.2 mL

BD needle gauge color chart

For 25 G needle color, please refer to specific catalog code above



Everything you need, for Anaesthesia and beyond



1 Pharmacy

Syringes, needles and hazardous drug safety solutions for preparation of intrathecal chemotherapy and Anaesthesia medications—from a medication preparation provider with a portfolio of hypodermic needles and syringes that is more widely used by health care professionals globally than any other brand.



2 Operating room

Enhanced patient safety and optimal experience with BD™ Whitacre needles, BD™ Quincke needles and BD™ Chiba needles, also available in small sizes for paediatric patients and in spinal sets.

From the pump to the patient, all from one reliable source



7 Ambulatory surgery center

Fully configured trays with everything clinicians need for spinal Anaesthesia to help enhance the patient experience before, during and after procedures.



3 Post-Anaesthesia care

For continuous pain management after the procedure, including epidural continuous kits.



4 Labor and delivery

Enhanced patient comfort and clinical control while performing epidural blocks and combined spinal and epidural procedures with kits that contain the BD™ Whitacre spinal needles and BD™ Weiss epidural needles and nylon catheters.

You also benefit from working with a provider known for its high standards of manufacturing quality, global logistical capabilities and customer service.



6 Procurement

A streamlined vendor relationship with BD to get clinicians in every care setting the tools they want, with the potential efficiency and cost benefits of our presence throughout the entire medication process from preparation to patient recovery.



5 Paediatric and neonatal intensive care

Lumbar puncture trays available in pediatric configurations, containing all the components clinicians need to measure CSF pressure and CSF specimens, featuring the PDPH-reducing BD™ Whitacre spinal needles¹⁷.

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