

BD Anesthesia Solutions

BD Clinical Specialty Needles



Helping all people
live healthy lives

Because your patients

trust you to
choose the **best**

About BD Anesthesia Solutions

A Tradition of Excellence in Regional Anesthesia

BD has produced Regional Anesthesia products for most of our 110-year history. We have the experience, expertise and technology necessary to help you in your practice.

A Full Range of Innovative Choices

BD offers a wide range of Regional Anesthesia devices and accessory components to meet your needs. We have a proven track record of innovation in needle technology and a market-driven product development process.

Cost-Efficient Programs Backed by Specialists

- The breadth and quality of BD brand components provide both clinical and economic value
- BD Regional Anesthesia Program provides a wide range of standard and custom Regional Anesthesia Trays
- BD educational materials help provide a foundation for procedural training
- BD Sales consultants can provide both technical and clinical solutions that meet your needs

Dealing with the Issues that Affect You Most

At BD, our goal is simple: to provide solutions to the critical issues of today and tomorrow. Read on to learn about the products and programs BD offers. Call your BD Sales consultant for more information or to get a free product evaluation or a needs analysis. BD—the products you need, the quality you expect.



BD Whitacre Pencil Point Spinal Needles

BD™ Whitacre Pencil Point Spinal Needles

Helps Reduce Post-procedure Headaches

- Designed to spread the dural fibers and help reduce the occurrence of post dural puncture headache*
- Yields a distinct “pop” as the pencil point penetrates the dura
- Precision-formed side hole helps directional flow of anesthetic agents and helps reduce the possibility of straddling the dura
- Unique translucent window hub featuring contact clarity that helps allow visualization of CSF



BD Whitacre Pencil Point

Available in gauges from 22 to 27 and in lengths from 3 1/2" to 5"

BD Whitacre Spinal Needles

Standard Length

<i>Description</i>	<i>Order No.</i>
22 G x 3 1/2"	405010
24 G x 3 1/2" High Flow	405133
25 G x 3 1/2" High Flow	405138
27 G x 3 1/2" High Flow	405079

Long Length

25 G x 4 11/16"	409442
**25 G x 5" High Flow	405140
27 G x 4 11/16" High Flow	409443
**27 G x 5" High Flow	405144

Spinal Introducers

20 G x 1 1/4" (use with 25 G & 27 G needle or smaller)	405160
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Available in BD Regional Anesthesia Trays

**Not available in Trays

BD Quincke Spinal Needles

BD™ Quincke Spinal Needles

Trust It for Solid Performance Every Time

- Key/slot arrangement of stylet and cannula hubs facilitates proper needle bevel orientation
- Unique translucent window hub featuring contact clarity that helps allow visualization of CSF
- Fitted stylet designed to reduce tissue coring

BD Quincke Spinal Needles



BD Quincke Point

Available in gauges from 18 to 27 and in lengths from 1" to 7"

Standard Length

<i>Description</i>	<i>Order No.</i>
*18 G x 3"	405174
18 G x 3 1/2"	405184
20 G x 2 1/2"	405071
*20 G x 3"	405172
20 G x 3 1/2"	405182
*22 G x 2 1/2"	405074
22 G x 3"	405171
22 G x 3 1/2"	405181
23 G x 3 1/2"	400106
*25 G x 3"	405170
25 G x 3 1/2"	405180
26 G x 3 1/2"	405164
27 G x 3 1/2"	405081

Long Length

*18 G x 6"	408360
*20 G x 6"	405211
*22 G x 5"	405148
*22 G x 7"	405149
*25 G x 4 11/16"	405234

Short Length

*20 G x 1 1/2"	405162
*22 G x 1 1/2"	405161
*25 G x 1"	405073
*25 G x 2"	405078

Spinal Introducers

20 G x 1 1/4" (use with 25 G & 27 G needle or smaller)	405160
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Available in BD Regional Anesthesia Trays

*Not available in Trays

BD Perisafe™ Epidural Needles



Tactile Tuohy Point



Modified Tuohy Point

Quality Technology to Meet Clinical Preferences

- Calibrated depth markings designed to assist the clinician in needle placement
- Sand-blasted needle heel reduces potential for catheter damage
- Fitted plastic stylet
- Variety of point geometries and hub designs

BD™ Perisafe Tactile Epidural Needles

The BD™ Perisafe Tactile Epidural Needle is specifically designed for those clinicians who prefer an epidural needle with enhanced tactile feedback and are concerned about dural puncture.

The BD™ Tactile Tuohy Epidural Needle tip has a primary and secondary bevel. The secondary bevel design alters the geometry of the needle to enhance tactile feedback while maintaining the sharpness to penetrate underlying tissues.

BD Modified Tuohy Point Needles

The BD Perisafe™ Modified Tuohy Point Epidural needle with point geometry employs a primary bevel. It is designed for those clinicians who prefer greater penetration characteristics.

BD Perisafe Epidural Needles

Weiss (fixed wing) Needles

<i>Description</i>	<i>Order No.</i>
17 G x 3 1/2" Tactile	405528
18 G x 3 1/2" Tactile	405529
17 G x 3 1/2" Modified	405191
*17 G x 5" Modified	405193
18 G x 3 1/2" Modified	405188
18 G x 5" Modified	405190
20 G x 2" Modified	405185
20 G x 3 1/2" Modified	405186

Tuohy (non-winged) Needles

17 G x 3 1/2" Tactile	405530
18 G x 3 1/2" Tactile	405531
17 G x 3 1/2" Modified	405092
18 G x 3 1/2" Modified	405018
20 G x 3 1/2" Modified	405028

Available in BD Regional Anesthesia Trays

*Not available in Trays

BD Epidural Products

BD Perisafe™ Catheter with Catheter Connector

Reliable Medication Delivery Performance

BD Perisafe™ catheter and connector is available in a sterile pouch with a closed end multi port tip configuration, thread assists and connector. The catheter connector is designed to prevent catheter pull-out while resisting occlusion from over-tightening.



BD Perisafe Nylon Epidural Catheters with Connectors

<i>Description</i>	<i>Order No.</i>
20 G x 36" Closed End for use with 18 G x 3 1/2" Needle	400507

Available in BD Regional Anesthesia Trays

Spring Wound Epidural Catheter

Enhances Patient Comfort and Safety

- Choice of soft, rounded, closed tip with multiple ports, or open tip available in a variety of tray configurations
- Large, 1" proximal and 2" open series of coils at the distal tip to allow visualization of fluids
- Blended nylon over stainless steel wound spring construction with circumferential centimeter markings

Only Available in BD Regional Anesthesia Trays

BD Epilor™ Loss of Resistance Syringe

Clinically Driven Innovation

The BD Epilor™ Plastic Loss of Resistance syringe is designed for consistent smooth plunger rod movement that prevents false sensation of loss of resistance. Other key performance features include:

- A doubled ridge syringe stopper assembly that provides a secure seal to the syringe barrel, allowing both aspiration and injection of air and/or saline
- A positive plunger rod stop to prevent accidental disassembly



BD Epilor Plastic Syringe

BD Epilor Loss of Resistance Syringe

<i>Description</i>	<i>Order No.</i>
7 mL Luer-Lok™, Plastic	405291
7 mL Luer-Slip, Plastic	405292

Available in BD Regional Anesthesia Trays

BD Combined Spinal/Epidural System



12 mm extension when hubs are fully engaged

BD Durasafe™ CSE Needle Set

Provides Rapid Onset, Extended Duration and Pain Management

- The only CSE matched set system with BD™ Whitacre high flow pencil point needle
- Durasafe matched sets designed to allow 12 mm extension of spinal needle when matched hubs are fully engaged

BD Durasafe™ Needle Sets

Description	Order No.
25 G x 4 11/16" Whitacre / 17 G x 3 1/2" Weiss Needle	405139
27 G x 4 11/16" Whitacre / 18 G x 3 1/2" Weiss Needle	405452
27 G x 4 11/16" Whitacre / 17 G x 3 1/2" Weiss Needle	405453



BD Durasafe Plus™ Epidural Lock CSE Needle Set

BD Durasafe Plus™ Epidural Lock CSE Needle Set

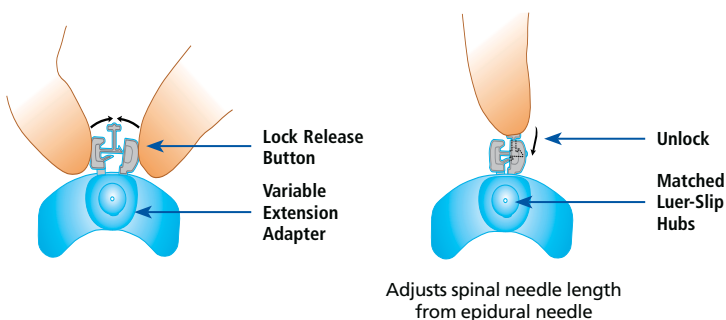
Safety and Stability

- Epidural Lock Needle permits the spinal needle to lock at any extension (0-15 mm) distal to the epidural needle tip
- Allows spinal needle to move freely through mechanism
- Epidural Lock Needle helps ensure securement of the spinal needle after dural puncture

BD Durasafe Plus™ Epidural Lock CSE Needle Set

27 G BD Whitacre, 17 G Weiss Locking Needle, Closed end 19 G catheter, BD Epilor™ Plastic LOR	400286
27 G BD Whitacre, 18 G Weiss Locking Needle, Closed end 20 G catheter, BD Epilor™ Plastic LOR	400287

Available in BD Regional Anesthesia Trays



BD Educational Materials & Support Programs for Your Practice

Physicians Education Program in Regional Anesthesia

With contributing authors:

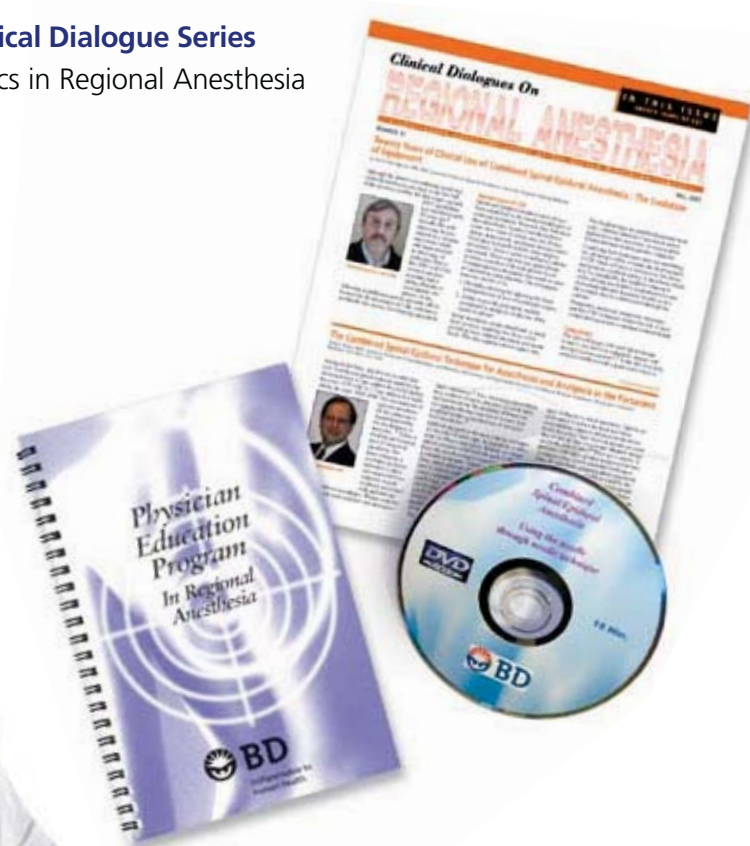
- Spinal Anesthesia, Michael Mulroy, M.D.
- Epidural Anesthesia for Surgery, Quinn Hogan, M.D.
- Lumbar Epidural Anesthesia in Childbirth, William Camann, M.D.
- Obstetrical Anesthesia, Jodie L. Buxbaum, M.D.
- Brachial Plexus Anesthesia, Sonil J. Panchal, M.D.
- Postoperative Pain Management, P. Prithvi Raj, M.D.

Video Training

- "Minimizing Post Dural Puncture Headaches"
- "Combined Spinal/Epidural Anesthesia: Using the needle-through-needle technique"

Clinical Dialogue Series

Topics in Regional Anesthesia



BD Combined Spinal/Epidural Anesthesia

Highlights of the CSE DVD/Video

- **How It Works:** The DVD/video shows you how the CSE technique works with a combination of action footage and animation.
- **Key Points:** The most important elements of the CSE technique are discussed by practicing physicians.
- **Advantages Over Epidural:** Discusses the benefits such as rapid onset, definitive endpoint, lower total dosage and the ability to deliver intrathecal opiates for “walking epidurals.”
- **Advantages Over Spinal:** Discusses the benefits such as the ability to extend the level and duration of the block, the flexibility of a continuous technique, decreased hypotension and the flexibility and effectiveness of a post-operative analgesia.
- **Technique Elements:** Helps reinforce the elements needed for a successful procedure, including proper body position and correct use of the introducer and spinal needles.
- **Questions & Answers:** The DVD/video helps answer some important questions you may have in regard to the CSE technique.
- **Physician Comments:** Several doctors offer testimonials about the CSE technique.



BD Peripheral Block Needles



Block Bevel



BD Ultra-Vue
Echogenic Needle



Chiba Bevel



Short Bevel
Needle

Nerve Block Needles

- Available in insulated and uninsulated configuration for surface and deep tissue blocks
- Block bevel enables skin penetration with short geometry for medication delivery
- Insulated BD Stimex™ needles with block bevel available in 2 1/8" length

Nerve Block Needles

<i>Description</i>	<i>Order No.</i>
22 G x 2 1/8" (Insulated, block bevel)	404204
22 G x 1 1/2" (Uninsulated, block bevel)	408348

Ultra Vue Needles

- Echogenic general use procedure needles
- Designed for use with Ultrasound guidance

BD™ Echogenic Procedure Needles (for use with UltraSound)

ULTRA-vue 22 G x 3 1/2" Spinal Type Point	400727
ULTRA-vue 20 G x 3 1/2" Spinal Type Point	400730

Specialty Needles

- Chiba needles available with short bevel point geometry offered in 6" and 8" lengths
- Short bevel and hypodermic bevel needles also available in a full range of sizes and gauges

Chiba Bevel Needles

22 G x 6"	408268
22 G x 8"	408269

Short Bevel Needles

22 G x 1 1/2"	305159
20 G x 1 1/2"	305179
18 G x 1 1/2"	305199

BD Clinical Specialty Needles

BD™ Angiography Needles (for Seldinger Technique)

Description	Order No.
POTTS-COURNAND Needle, Thin Wall with Obturator & Cannula Extender 18 G x 2 3/64" (.032" - .038") Guide Wire	408270
Arterial Needle Outer Blunt Cannula 18 G x 2 7/8" (.032" - .038") Guide Wire	408273
AMPLATZ Needle, FEP Polymer Catheter Over Inner Needle with Fitted Stylet, Sterile Single Use 18 G x 2 1/2" (.032" - .038") Guide Wire	408275
Single Wall Puncture (M/P) Procedure Needle 18 G x 2 3/4" One part needle with wings (.032" - .038") Guide Wire	408295
18 G x 2 3/4" One part needle (.032" - .038") Guide Wire	408300

BD™ Bone Marrow Biopsy Needle

11 G x 4"	408627
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BD™ Westcott Fine Needle Aspiration Biopsy

22 G x 3 1/2"	408265
22 G x 5 1/2"	408266
22 G x 7"	408267
20 G x 3 1/2"	408262
20 G x 5 1/2"	408263
20 G x 7"	408264

BD™ Chiba Fine Needle Aspiration Biopsy/Transhepatic Cholangiography Needles

22 G x 6" Chiba Type, Thin Wall	408268
22 G x 8" Chiba Type, Thin Wall	408269

BD™ Breast Lesion Localization Needles

BD PrecisionGlide™ 20 G x 3 1/2" (8.9 cm) with Hook Wire	409407
BD PrecisionGlide 20 G x 2 1/2" (6.4 cm) with Hook Wire	409408
BD PrecisionGlide 20 G x 1 1/2" (3.8 cm) with Hook Wire	409409

BD™ Liver, Kidney and Soft Tissue (Reusable Needles)

Description	Order No.
14 G x 3 3/8" Silverman, Modified Franklin, Thin Wall	511548
14 G x 4 1/2" Silverman, Modified Franklin, Thin Wall	511547
16 G x 4" Klatskin, Thin Wall	511403

BD™ Pleural Biopsy Needle (Reusable Needles)

11 G x 3" Cope	511421
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BD™ Bone Marrow, Aspiration and Transfusion* (Reusable Needles)

18 G x 1" Rosenthal	511341
16 G x 1 5/16" Rosenthal	511346
18 G x 1" Osgood	511348
16 G x 1 5/16" Osgood	511349
10 G x 3" Large Silverman	511420
10 G x 4 1/4" Westerman-Jensen	511573



Chiba Fine

BD Regional Anesthesia Trays

Rated best in class for quality,
service and breadth of product line.¹



Because your patients trust you to choose the best, rely on BD trays and the brand of products rated best in class for quality, service and breadth of line.¹

Value-Added and Customized Solutions

BD is committed to providing solutions for your Regional Anesthesia practice needs through a broad array of procedural trays. BD trays contain the same recognized and trusted components for spinal, epidural, combined spinal and epidural procedures. We also offer an affordable line of procedural trays to support flexibility in your nerve block practice.

Using our proprietary customer focused needs analysis tools, BD Sales consultants can help you:

- Review your product usage and procedural preferences
- Identify needs in components selection and procedure configuration
- Create alternatives that may increase satisfaction enhance efficiency or reduce costs

Streamlining your practice to BD components and trays can reduce your cost up to 20% on spinal and 10% on Epidural procedures.^{2,3}

BD, Service You Can Trust

BD is committed to earning your trust with high standards in product supply, quality and service. Our customer service is available toll free and is ready to quickly and efficiently serve your needs.

For a free product evaluation,
a needs analysis or additional
information, contact your
local sales consultant or call
888.237.2762

¹ Data on file at BD.

² Based on Whitacre needle substitution. Data on file at BD.

³ Data on file at BD.

