



Helping all people
live healthy lives

Because your patients
trust you to
choose the **best**

A Tradition of Excellence in Regional Anesthesia

BD Medical has produced regional anesthesia products for most of our 100-year history. Over the years we have developed the extensive 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

- BD Regional Anesthesia Program provides a wide range of standard and custom Regional Anesthesia Trays
- BD brand components insure quality
- BD technical consultants provide needs analysis to assist you along the way

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 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 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

Current topics in Regional Anesthesia



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*
- High Flow Whitacre Needles improve flow rate and speed the return of CSF
- Yields a distinct “pop” as the pencil point penetrates the dura
- Offers increased “tip strength” designed to minimize bending or breakage
- Precision-formed side hole helps directional flow of anesthetic agents and helps reduce the possibility of straddling the dura
- Tracks straight when advancing through ligaments toward 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

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

Long Length

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

Spinal Introducers

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

* Data on file

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 reduces tissue coring

BD Quincke Spinal Needles

Standard Length

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

Long Length

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

Short Length

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

Spinal Introducers

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



BD Quincke-Type Point

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

BD Perisafe™ Epidural Needles



Tactile Tuohy Point



Modified Tuohy Point

BD Perisafe Tactile Tuohy Epidural Needles

- Secondary bevel point geometry is specially designed to provide more tactile feedback during procedure
- Shorter point length than standard epidural needles designed to further minimize accidental dural puncture
- Same needle heel, hub and stylet features as Perisafe Modified Tuohy point epidural needle

BD Perisafe Modified Tuohy Point Epidural Needles

- Modified Tuohy point is designed to provide enhanced tactile feel and has a short point length to minimize accidental dural puncture
- Standard epidural needles are slightly sharper than tactile needles for penetrating tough tissue
- Needle heel is specially designed to minimize catheter shearing
- Calibrated needle depth markings assist in awareness of needle placement without interfering with tactile feedback
- Unique one-piece plastic stylet is fitted to prevent tissue coring and is lighter to enhance tactile feel during insertion

BD Perisafe Epidural Needles

Weiss (fixed wing) Needles

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

Tuohy (non-winged) Needles

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

Available in BD Regional Anesthesia Trays



BD Perisafe™ Catheter with Catheter Connector is designed to...

Catheter:

- Ease threadability and placement
- Be flexible helping to reduce potential for puncturing the dura or venous walls
- Available in Closed End (multiport) tip configuration

Connector:

- Prevent catheter pull-out while resisting occlusion from overtightening
- Catheter and connector are latex-free

BD Perisafe Nylon Epidural Catheters with Connectors

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

Available in BD Regional Anesthesia Trays



BD Epilor Plastic Syringe

BD Epilor™ Loss of Resistance Syringe

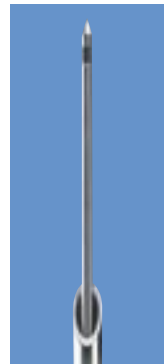
- Epilor Plastic Loss of Resistance (LOR) Syringe has a double ribbed stopper to prevent leakage during aspiration
- Epilor Precision Glass Loss of Resistance (LOR) Syringe has smooth plunger movement to help provide secure sensitivity required to locate the epidural space. Available in trays only.

BD Epilor

Loss of Resistance Syringe

Description	Order No.
7ml Luer-Lok™, Plastic	405291
7ml Luer-Slip, Plastic	405292

Available in BD Regional Anesthesia Trays and Single Sterile Units



12mm 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 12mm extension of spinal needle when matched hubs are fully engaged



BD Durasafe Plus™ Epidural Lock CSE Needle Set

BD Durasafe Plus™ Epidural Lock CSE Needle Set

- Variable Extension Adapter permits the spinal needle to lock at any extension (0-15mm) distal to the epidural needle tip
- Allows spinal needle to move freely through mechanism
- The variable extension provides stability between the two procedural needles

BD Durasafe™ Needle Sets

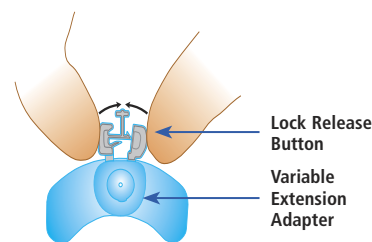
Description	Order No.
25G x 4 11/16" Whitacre / 17G x 3 1/2" Weiss Needle	405139
27G x 4 11/16" Whitacre / 18G x 3 1/2" Weiss Needle	405452
27G x 4 11/16" Whitacre / 17G x 3 1/2" Weiss Needle	405453

BD Durasafe Plus™ Epidural Lock CSE Needle Set

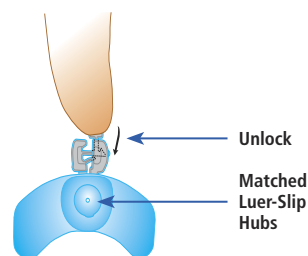
27G BD Whitacre, 17G Weiss Locking Needle, Closed end 19G catheter, BD Epilor™ Plastic LOR	400286
27G BD Whitacre, 18G Weiss Locking Needle, Closed end 20G catheter, BD Epilor™ Plastic LOR	400287
27G BD Whitacre, 17G Weiss Locking Needle, Closed end 19G catheter, Glass LOR	400288
27G BD Whitacre, 18G Weiss Locking Needle, Closed end 20G catheter, Glass LOR	400289



Available in BD Regional Anesthesia Trays



Lock Release Button
Variable Extension Adapter

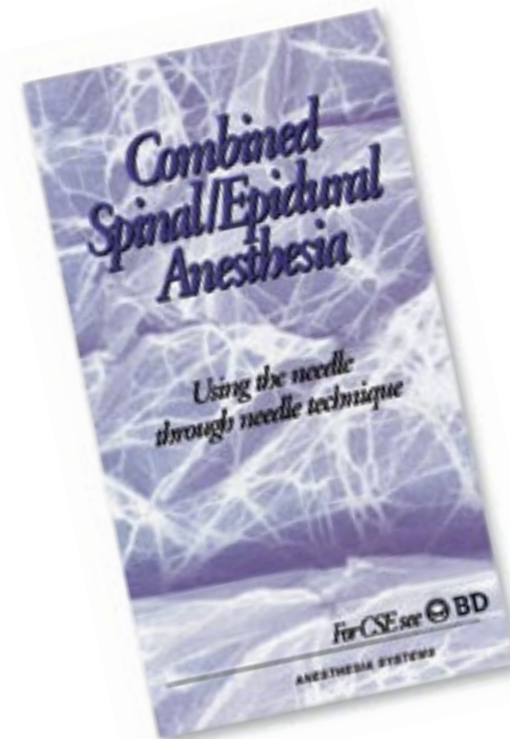


Unlock
Matched Luer-Slip Hubs

Adjusts spinal needle length from epidural needle

Highlights of the CSE Video

- **How It Works:** The 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 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.



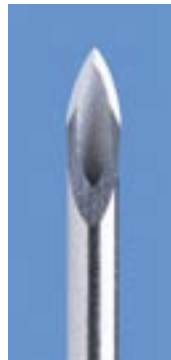
BD™ Peripheral Block Needles

Electrolocation Needles

- Insulated nerve block needle set with attached extension tube and electrical lead
- Insulated Stimex™ needles with block bevel available in 2 1/8" length.



Insulated Needle



Short Bevel Needle

Nerve Block Needles

- Block bevel point is designed to minimize trauma to nerves and maximize tactile sensitivity during needle placement
- Nerve block needles and spinal needles have a translucent hub that features contact clarity which helps visualize flashback to ensure proper needle placement

Other Needles

- Quincke or Whitacre needles available in a variety of lengths and gauges
- 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



Block Bevel



Chiba Bevel

Insulated Needle Sets (electrical leads and tubing, polyester coating)

Description	Order No.
25G x 55mm (2 3/16")	404247
22G x 50mm (2")	404249
25G x 55mm (2 3/16")	404250
22G x 120mm (4 3/4")	404251

Stimex Insulated Needle (Teflon-coated, block bevel)

22G x 2 1/8"	404204
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Nerve Block Needles

22G x 1 1/2" (Regional block with security bead)	408348
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Chiba Bevel Needles

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

Retrolubar Needle

25G x 1 1/2" High Flow	401586
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Short Bevel Needles

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

Other

Quincke, Whitacre and hypodermic needles available in a wide variety of gauges and sizes

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

