

Thoracentesis and paracentesis devices and trays

BD offers three dual-indicated catheter drainage devices for thoracentesis/paracentesis, each designed for safe and efficient diagnostic and therapeutic procedures.

- Safe-T-Centesis™ pigtail catheter drainage system
- Thora-Para valved catheter drainage system
- Thora-Para nonvalved catheter drainage system



BD drainage trays provide you with:

- Multiple fluid withdrawl options:
 - Manual
 - Vacuum bottle
 - Wall suction
- Safe-T™ *PLUS* tray options to help you comply with today's safety recommendations
- Unique features to help save time and reduce cost

Focus on patient safety, clinician safety and procedural efficacy with innovative BD drainage products.

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Safe-T-Centesis pigtail catheter drainage system

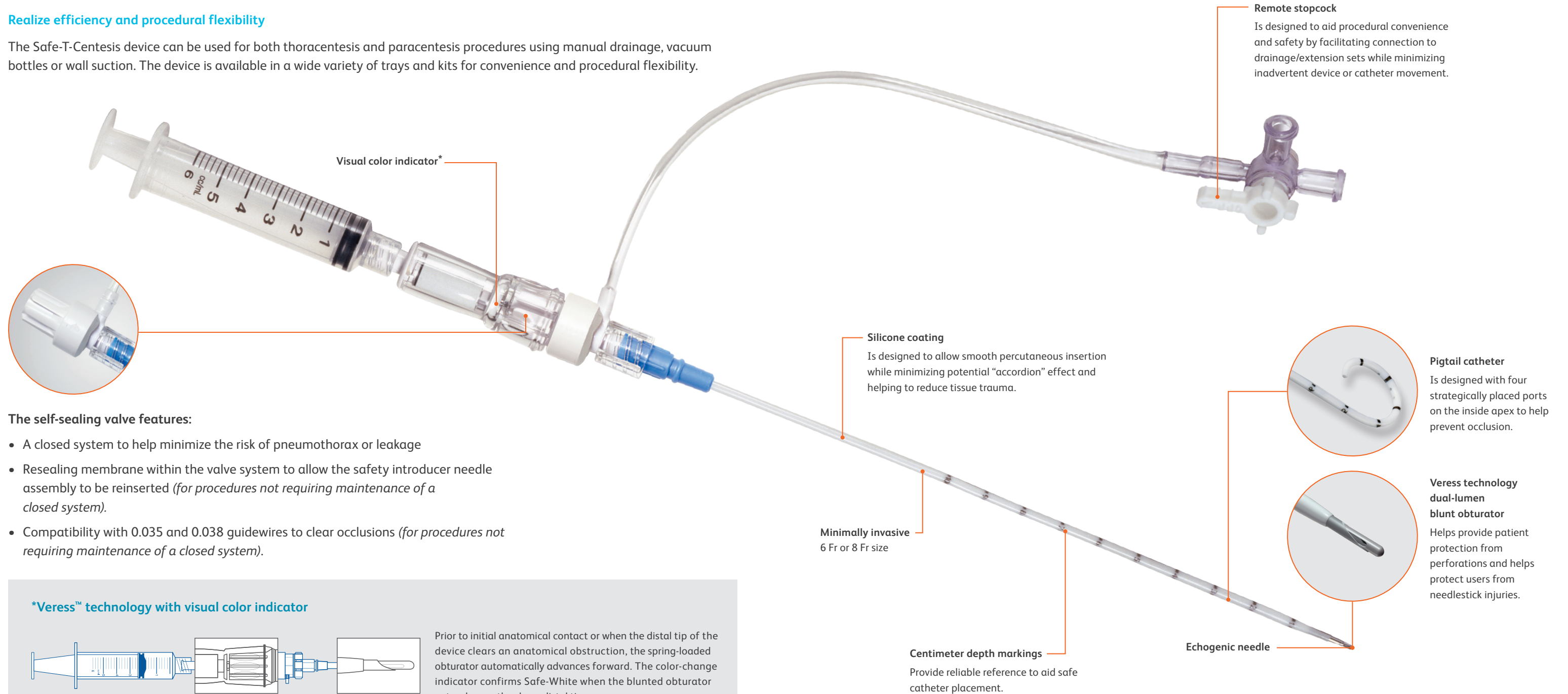
The Safe-T-Centesis drainage system is designed to help clinicians address the risks associated with percutaneous needle placements and enhance procedural flexibility.

Promote safe procedures

The device's combination of unique features helps provide patient protection from perforations and clinician protection from needlestick injuries.

Realize efficiency and procedural flexibility

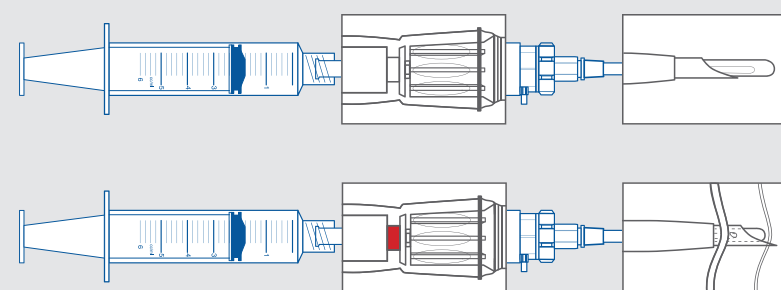
The Safe-T-Centesis device can be used for both thoracentesis and paracentesis procedures using manual drainage, vacuum bottles or wall suction. The device is available in a wide variety of trays and kits for convenience and procedural flexibility.



The self-sealing valve features:

- A closed system to help minimize the risk of pneumothorax or leakage
- Resealing membrane within the valve system to allow the safety introducer needle assembly to be reinserted (for procedures not requiring maintenance of a closed system).
- Compatibility with 0.035 and 0.038 guidewires to clear occlusions (for procedures not requiring maintenance of a closed system).

*Veress™ technology with visual color indicator



Prior to initial anatomical contact or when the distal tip of the device clears an anatomical obstruction, the spring-loaded obturator automatically advances forward. The color-change indicator confirms Safe-White when the blunted obturator extends over the sharp distal tip.

The color change indicator transitions from Safe-White to Caution-Red when anatomical contact is made. The blunted obturator automatically retracts upon contacting an anatomical structure, exposing the sharp distal tip.

Prior to device assembly, the sharp needle tip cannot be exposed, providing additional needlestick protection.

Safe-T-Centesis pigtail catheter drainage system (cont'd)



Not made with natural rubber latex

Safe-T-Centesis PLUS pigtail catheter drainage tray



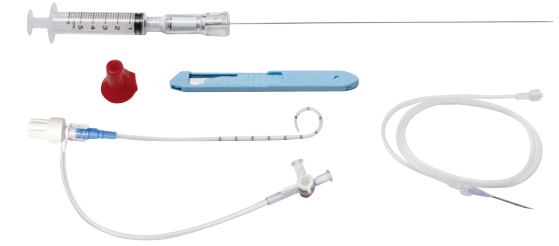
Not made with natural rubber latex

Safe-T-Centesis pigtail catheter drainage tray



Not made with natural rubber latex

Safe-T-Centesis lidocaine-free pigtail catheter drainage tray



Not made with natural rubber latex

Safe-T-Centesis pigtail catheter drainage kit

Safe-T-Centesis PLUS and Safe-T-Centesis tray and kit components

10 trays or kits per case

| Cat. no. Size | Safe-T-Centesis PLUS pigtail catheter drainage trays | | Safe-T-Centesis pigtail catheter drainage trays | | Safe-T-Centesis lidocaine-free pigtail catheter drainage tray | Safe-T-Centesis pigtail catheter drainage kits | |
|---|--|-------------------------------|---|-----------------------------|---|--|-----------------------------|
| | PIG1260TSP 6 Fr. size/18 G | PIG1280TSP 8 Fr. size/16 G | PIG1260T 6 Fr. size/18 G | PIG1280T 8 Fr. size/16 G | PIG1260TCDF 6 Fr. size/18 G | PIG1260K 6 Fr. size/18 G | PIG1280K 8 Fr. size/16 G |
| Device components | | | | | | | |
| Safe-T-Centesis catheter over needle drainage device (6 Fr or 8 Fr, 16 cm) [†] | • | • | • | • | • | • | • |
| – Pigtail catheter with remote stopcock | • | • | • | • | • | • | • |
| – Veress safety introducer needle with 5 mL syringe | • | • | • | • | • | • | • |
| Safe-T PLUS tray components | | | | | | | |
| Bard-Parker safety scalpel, #11 | • | • | | | | | |
| BD SafetyGlide™ needle, 22 G x 1½ in (3.8 cm) | • | • | | | | | |
| BD SafetyGlide needle, 25 G x 1 in (2.5 cm) | • | • | | | | | |
| Filter Straw® filter | • | • | | | | | |
| Fine-tip marker | • | • | | | | | |
| Medication label sheet | • | • | | | | | |
| Point-Lok® needle retention safety device | 2 | 2 | | | | • | • |
| Standard safety components | | | | | | | |
| BD Eclipse™ safety needle, 25 G x 1½ in (3.8 cm) | | | • | • | • | | |
| BD Eclipse safety needle, 22 G x 1½ in (3.8 cm) | | | • | • | • | | |
| ChloroPrep™ 3 mL applicator with Hi-Lite Orange™ tint | • | • | • | • | • | | |
| Filter needle, 19 G x 1½ in (3.8 cm) | | | • | • | • | | |
| Foam needle stop | • | • | • | • | • | | |
| Futura™ safety scalpel, #11 | | | • | • | • | • | • |
| Standard components | | | | | | | |
| Adhesive bandage | • | • | • | • | • | | |
| Ampule of lidocaine HCl USP, 1%, 5 mL | 2 | 2 | 2 | 2 | | | |
| Drainage bag, 2000 mL | • | • | • | • | • | | |
| Drainage bag cap | • | • | • | • | • | | |
| Fenestrated drape with adhesive | • | • | • | • | • | | |
| Gauze pads | 6 | 6 | 6 | 6 | 6 | | |
| Hospital wrap | • | • | • | • | • | | |
| Luer-lock syringe, 10 mL | • | • | • | • | • | | |
| Luer-lock syringe, 60 mL | • | • | • | • | • | | |
| Prelabeled specimen vials with caps, 10 mL | 3 | 3 | 3 | 3 | 3 | | |
| Syringe cap | • | • | • | • | • | | |
| Towel | • | • | • | • | • | | |
| Fluid withdrawal options | | | | | | | |
| 5-in-1 wall suction adapter | • | • | • | • | • | | |
| Extension set, 33 in, with vacuum needle, 16 G x 1½ in (3.8 cm) | • | • | • | • | • | • | • |
| Universal drainage set | • | • | • | • | • | | |

† Usable catheter length

Thora-Para valved catheter drainage system

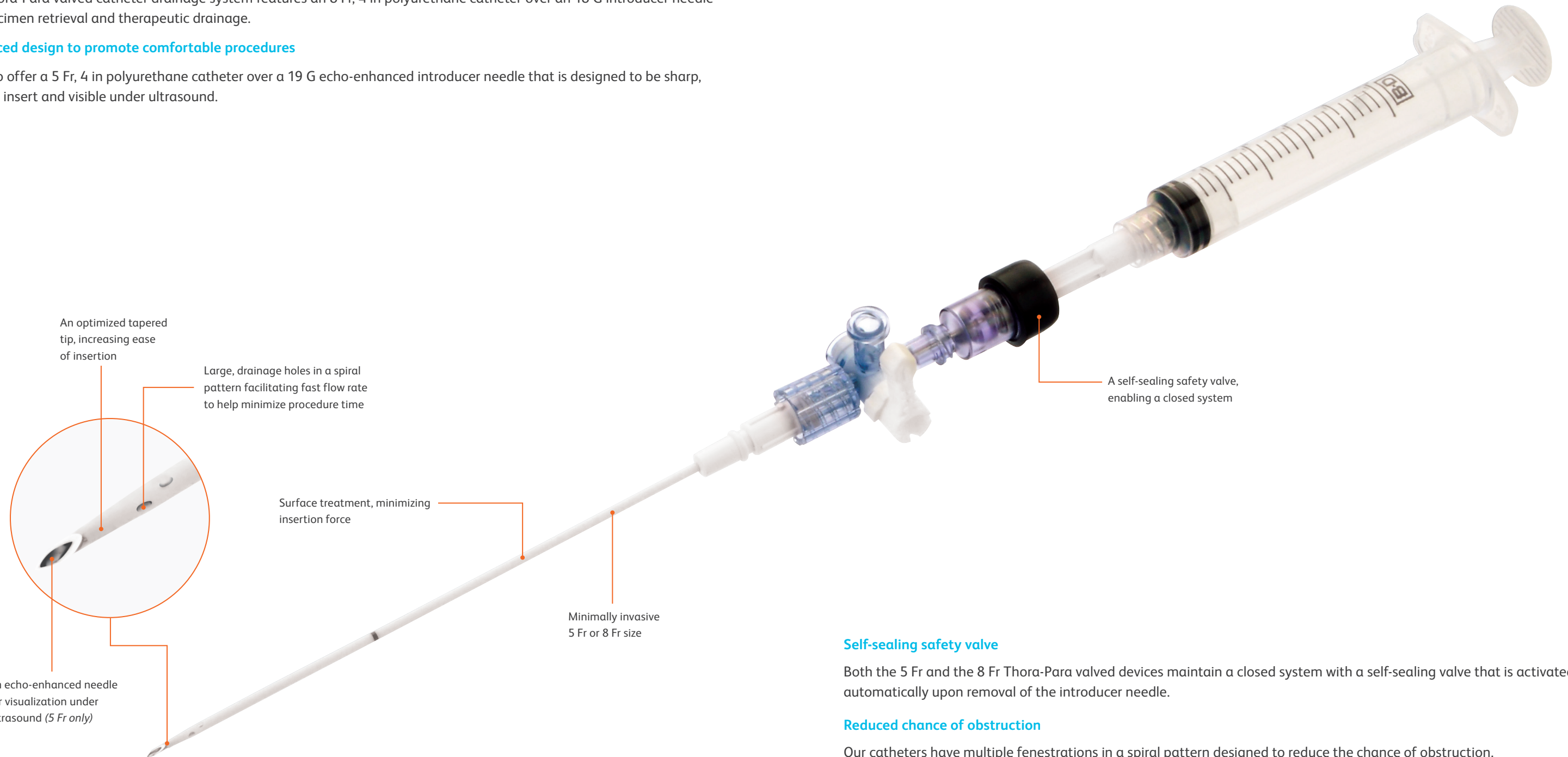
Our thoracentesis-paracentesis catheter drainage devices are uniquely designed for safe and efficient diagnostic and therapeutic procedures.

Designed for efficient diagnostic and therapeutic applications

Our Thora-Para valved catheter drainage system features an 8 Fr, 4 in polyurethane catheter-over an 18 G introducer needle for specimen retrieval and therapeutic drainage.

Enhanced design to promote comfortable procedures

We also offer a 5 Fr, 4 in polyurethane catheter over a 19 G echo-enhanced introducer needle that is designed to be sharp, easy to insert and visible under ultrasound.



Not made with natural rubber latex 

Self-sealing safety valve

Both the 5 Fr and the 8 Fr Thora-Para valved devices maintain a closed system with a self-sealing valve that is activated automatically upon removal of the introducer needle.

Reduced chance of obstruction

Our catheters have multiple fenestrations in a spiral pattern designed to reduce the chance of obstruction.

Multiple fluid withdrawal options

The Thora-Para valved tray configurations include convenient universal drainage sets with one-way fluid valves and secure luer-lock connections to drain manually. If vacuum bottles are preferred, our trays and kits contain a drainage tube and 16 G vacuum needle. The drainage tube may also be used with the included 5-in-1 adapter to drain using wall suction.

Thora-Para valved catheter drainage system (cont'd)



Not made with natural rubber latex

Safe-T PLUS Thora-Para valved catheter drainage tray



Not made with natural rubber latex

Thora-Para valved catheter drainage tray



Not made with natural rubber latex

Thora-Para valved catheter drainage drug-free tray



Not made with natural rubber latex

Thora-Para valved catheter drainage kit

Thora-Para valved catheter drainage trays and kits

10 trays or kits per case

| | Safe-T PLUS Thora-Para valved catheter drainage trays | | Thora-Para valved catheter drainage trays | | Thora-Para valved catheter drainage drug-free trays | | | Thora-Para valved catheter drainage kits | | |
|---|---|------------------------------|---|----------------------------|---|-------------------------------|-------------------------------|--|----------------------------|----------------------------|
| | Cat. no. Size | TPT1005SP 5 Fr. size/19 G | TPT1000SP 8 Fr. size/18 G | TPT1005 5 Fr. size/19 G | TPT1000 8 Fr. size/18 G | TPT1005SDF 5 Fr. size/19 G | TPT1000SDF 8 Fr. size/18 G | TPT1000CDF 8 Fr. size/18 G | TPK1005 5 Fr. size/19 G | TPK1001 8 Fr. size/18 G |
| Device | | | | | | | | | | |
| Thora-Para valved catheter over introducer needle with stopcock, self-sealing valve and 5 mL syringe attached (5 Fr or 8 Fr, 10 cm or 12 cm) [†] | | • | • | • | • | • | • | • | • | • |
| Safe-T PLUS tray components | | | | | | | | | | |
| Bard-Parker safety scalpel, #11 | | • | • | | | | | | | |
| BD SafetyGlide needle, 22 G x 1½ in (3.8 cm) | | • | • | | | • | • | | | |
| BD SafetyGlide needle, 25 G x 1 in (2.5 cm) | | • | • | | | • | • | | | |
| Filter Straw filter | | • | • | | | | | | | |
| Fine-tip marker | | • | • | | | | | | | |
| Medication label sheet | | • | • | | | | | | | |
| Point-Lok needle retention safety device | | 2 | 2 | | | | | | | |
| Standard safety components | | | | | | | | | | |
| ChloroPrep 3 mL applicator with Hi-Lite Orange tint | | • | • | • | • | | | • | | |
| Filter needle, 19 G x 1½ in | | | | • | • | • | • | • | | |
| Foam needle stop | | • | • | • | • | • | • | • | | |
| Futura safety scalpel, #11 | | | | • | • | • | • | • | • | • |
| Standard components | | | | | | | | | | |
| Adhesive bandage | | • | • | • | • | • | • | • | | |
| Ampule of lidocaine HCl USP, 1%, 5 mL | | 2 | 2 | 2 | 2 | | | | | |
| Drainage bag, 2000 mL | | • | • | • | • | • | • | • | | |
| Drainage bag cap | | • | • | • | • | • | • | • | | |
| Fenestrated drape with adhesive | | • | • | • | • | • | • | • | | |
| Gauze pads | | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| Hospital wrap | | • | • | • | • | • | • | • | | |
| Luer-lock syringe, 10 mL | | • | • | • | • | • | • | • | | |
| Luer-lock syringe, 60 mL | | • | • | • | • | • | • | • | | |
| Prelabeled specimen vials with caps, 10 mL | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| Needle, 25 G x 1½ in (3.8 cm) | | | | • | • | | | • | | |
| Needle, 22 G x 1½ in (3.8 cm) | | | | • | • | | | • | | |
| Syringe cap | | • | • | • | • | • | • | • | | |
| Towel | | • | • | • | • | • | • | • | | |
| Fluid withdrawal options | | | | | | | | | | |
| 5-in-1 wall suction adapter | | • | • | • | • | • | • | • | • | • |
| Extension set, 33 in, with roller clamp and vacuum needle, 16 G x 1½ in (3.8 cm) | | • | • | • | • | • | • | • | • | • |
| Universal drainage set | | • | • | • | • | • | • | • | | |

[†] Usable catheter length

Thora-Para nonvalved catheter drainage system

5 Fr nonvalved drainage catheter in a convenient procedure tray or kit

The Thora-Para 5 Fr nonvalved catheter

The Thora-Para 5 Fr nonvalved catheter features:

- Four fenestrations on the distal tip in a spiral pattern that are designed to reduce the chance of obstruction
- A hollow 19 G echogenic needle allowing visualization under ultrasound and permitting aspiration of fluid
- A luer cap to prevent leakage



Not made with natural rubber latex



Procedure tray OTP5000

Unlike similar 5 Fr drainage catheters, our nonvalved catheter is available in a complete procedure tray:

- Indicated for both thoracentesis and paracentesis procedures
- Includes connections to facilitate three different fluid withdrawal options:
 - Manual
 - Vacuum bottle
 - Wall suction



Thora-Para nonvalved catheter drainage system (cont'd)



Thora-Para nonvalved catheter drainage tray

Not made with natural rubber latex



Thora-Para nonvalved catheter drainage kit

Not made with natural rubber latex

Thora-Para nonvalved catheter drainage trays

10 trays or kits per case

| | Cat. no. Size | Thora-Para nonvalved catheter drainage tray OTP5000 5 Fr. size | Thora-Para nonvalved catheter drainage kit OTP5000K 5 Fr. size |
|---|------------------|--|--|
| Device | | | |
| Thora-Para nonvalved 5 Fr. catheter device over 19 G echogenic introducer needle (10 cm) [†] | | • | • |
| Standard safety components | | | |
| ChloroPrep 3 mL applicator with Hi-Lite Orange tint | | • | |
| Filter needle, 19 G x 1½ in | | • | |
| Foam needle stop | | • | |
| Futura safety scalpel, #11 | | • | • |
| Standard components | | | |
| Adhesive bandage | | • | |
| Ampule of lidocaine HCl USP, 1%, 5 mL | | 2 | |
| Drainage bag, 2000 mL | | • | |
| Drainage bag cap and/or port protector [‡] | | • | |
| Fenestrated drape with adhesive | | • | |
| Gauze pads | | 6 | |
| Hospital wrap | | • | |
| Luer-lock syringe, 5 mL | | • | • |
| Luer-lock syringe, 10 mL | | • | |
| Luer-lock syringe, 60 mL | | • | |
| Prelabeled specimen vials with caps, 10 mL | | 3 | |
| Needle, 25 G x 1½ in (3.8 cm) | | • | |
| Needle, 22 G x 1½ in (3.8 cm) | | • | |
| Syringe cap | | • | |
| Stopcock | | • | • |
| Towel | | • | |
| Fluid withdrawal options | | | |
| 5-in-1 wall suction adapter | | • | • |
| Extension set, 33 in, with roller clamp and vacuum needle, 16 G x 1½ in (3.8 cm) | | • | • |
| Universal drainage set | | • | |

[†] Usable catheter length

[‡]Place on the back of device to help prevent fluid leakage and air entering the body.

Make the right choice for your patient

BD has the solution to meet individual patient drainage needs.

Thoracentesis/Paracentesis devices

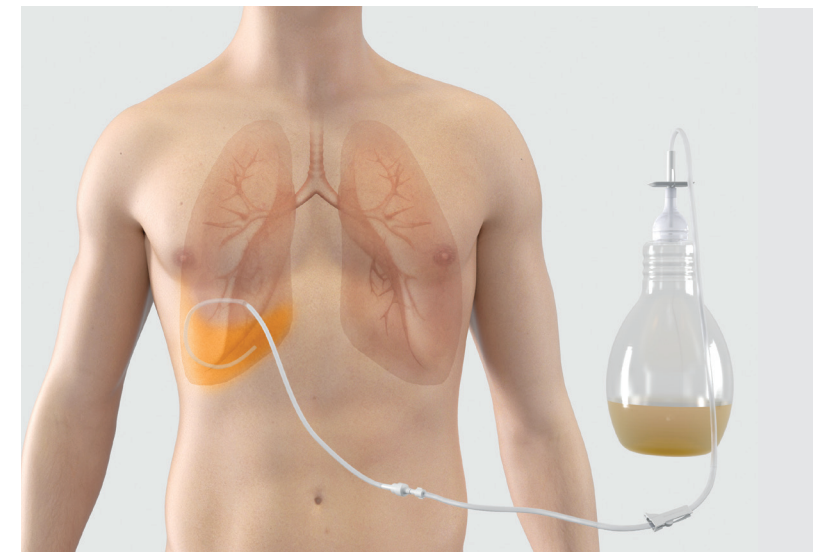
Several device options are available that can be used in both thoracentesis and paracentesis procedures:

- Safe-T-Centesis pigtail catheter drainage system
- Thora-Para valved catheter drainage system
- Thora-Para nonvalved catheter drainage system



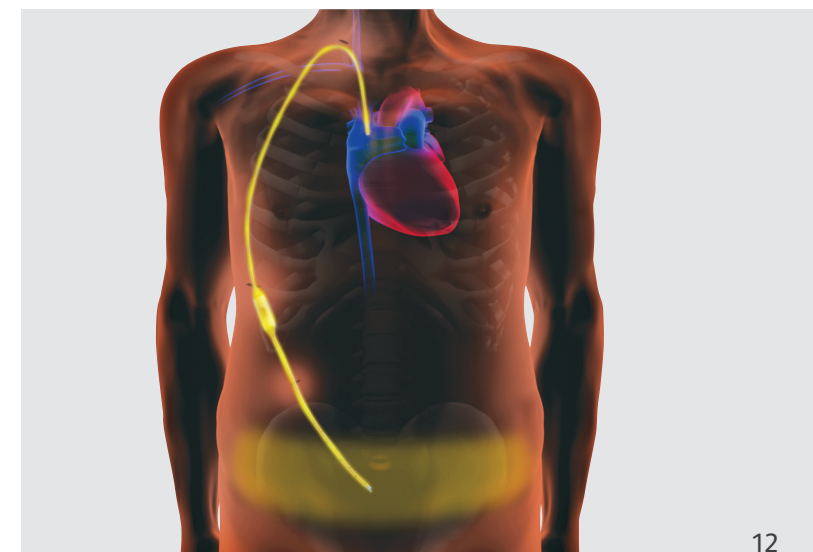
PleurX™ catheter system

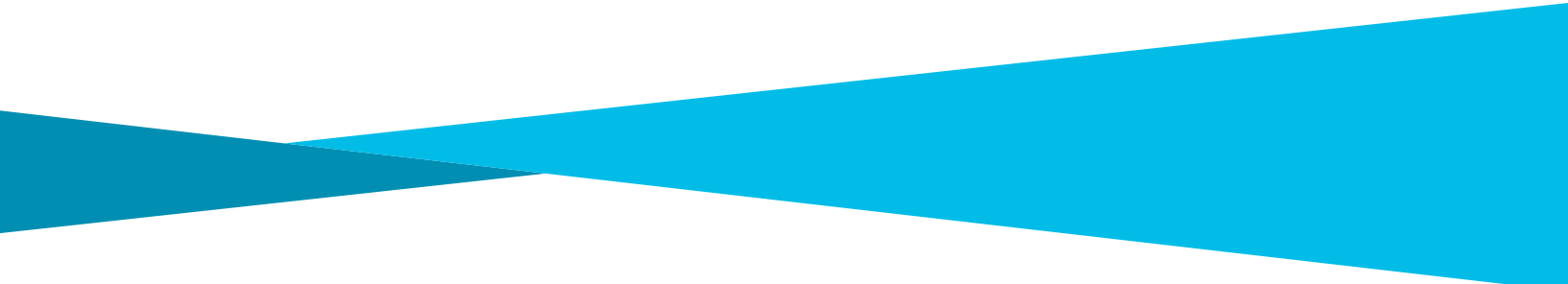
The PleurX™ catheter system is the easy-to-use and effective choice for managing recurrent pleural effusions and malignant ascites at home. The system includes an indwelling catheter and vacuum bottles that provide quick, effective drainage—without draining unnecessary time, costs and energy.



Denver™ shunt

The Denver™ shunt is a fully-implanted device that recirculates protein-rich fluids from refractory malignant and nonmalignant ascites.





For more information or to place an order, contact your Interventional Specialties
Sales Representative, call **800.323.9088** or visit bd.com/Drainage

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