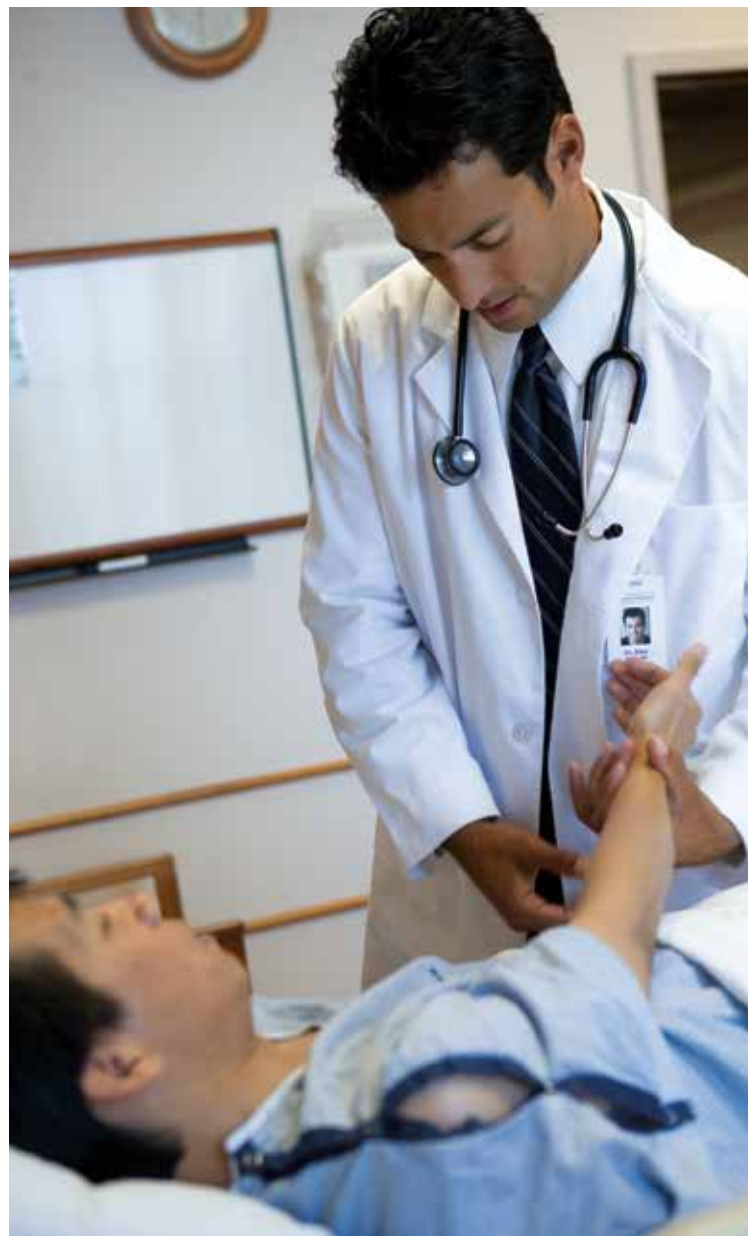


# Thora-Para catheter drainage systems

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



# Thora-Para catheter drainage system

Our Thora-Para catheter drainage devices offer time-tested features you need for safe and efficient thoracentesis and paracentesis procedures.

## Designed for efficient diagnostic and therapeutic applications

Our Thora-Para catheter drainage system features an **8 Fr**, 4" polyurethane catheter-over an 18 G-introducer needle to provide a strong fluid path for excellent specimen retrieval and therapeutic drainage.

## Enhanced design to promote comfortable procedures

We also offer a **5 Fr**, 4" polyurethane catheter-over a 19 G-echo-enhanced introducer needle with a sharp, easy-to-insert design that is visible under ultrasound.

## Self-sealing safety valve

Both Thora-Para 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 spirally oriented fenestrations designed to reduce the chance of obstruction, and promote optimum return of fluid.

## Multiple fluid withdrawal options

The Thora-Para tray configurations include convenient universal drainage sets with one-way fluid valves and secure luer-lock connections. 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.

Universal  
drainage set



Vacuum  
bottle



Wall  
suction



# Thora-Para catheter drainage system

The Thora-Para system now includes enhanced features to help optimize the clinician and patient drainage experience.

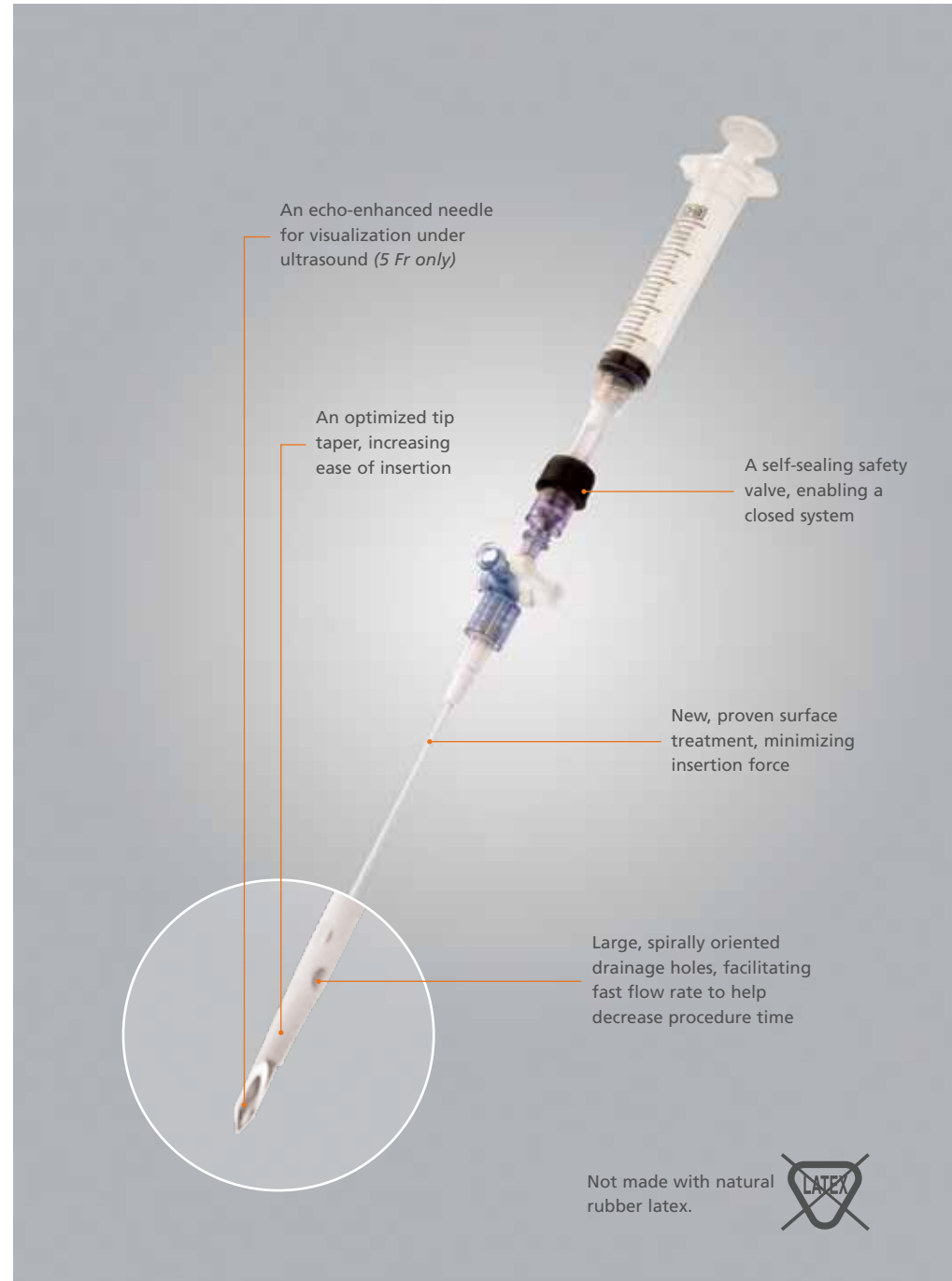
## New customer-researched enhancements:

Enhancement	Benefits*
New, proven surface treatment	<ul style="list-style-type: none"><li>• 8 Fr catheter: 20% reduction in insertion force compared to our previous 8 Fr version</li><li>• 5 Fr catheter: 10% reduction in insertion force compared to leading 5 Fr competitor**</li></ul>
Improved tip taper	<ul style="list-style-type: none"><li>• Easier insertion to enhance patient comfort during the procedure</li></ul>
Increased drainage hole diameter	<ul style="list-style-type: none"><li>• 8 Fr catheter: 12% faster flow rate compared to our previous 8 Fr version</li><li>• 5 Fr catheter: 21% faster than leading 5 Fr competitor**^</li></ul>
100% latex-free components ( <i>not made with natural rubber latex</i> )	<ul style="list-style-type: none"><li>• Eliminate the risk of latex reactions</li><li>• Support compliance with latex-free policies</li></ul>
Echo-enhanced needle (5 Fr device only)	<ul style="list-style-type: none"><li>• Ease visualization under ultrasound</li></ul>

\*All comparisons are based on internal CareFusion data using water at body temperature

\*\*Compared to Yueh centesis catheter

^Tested at -20 cm of water



# Thora-Para *PLUS* catheter drainage system

Our Thora-Para drainage devices are also available in Safe-T™ *PLUS* trays, which are designed to help you comply with today's safety recommendations.







## Safety components

Safe-T *PLUS* trays are designed to help you comply with recommendations for preventable medical error reduction, sharps safety and infection prevention

Healthcare organization	Recommendation	Safe-T <i>PLUS</i> tray solution
The Joint Commission	<b>2011 National Patient Safety Goals</b> Label all medications, medication containers or other solutions on and off the sterile field in perioperative or other procedural settings. <sup>1</sup>	<b>Medication labels</b>
Centers for Disease Control and Prevention (CDC)	<b>The CDC estimates</b> that each year 385,000 needlesticks and other sharps-related injuries are sustained by hospital-based healthcare personnel—an average of 1,000 sharps injuries per day. <sup>2</sup>	<b>BD SafetyGlide™ needles</b> <b>BD Bard-Parker protected disposable scalpel</b>
Occupational Safety and Health Administration (OSHA)	<b>2001 Revision of Bloodborne Pathogens and Needlestick Prevention Standards</b> recommend safer needle devices that reflect technology changes to eliminate or reduce exposure to bloodborne pathogens. <sup>3</sup>	<b>Filter Straw filter</b> <b>Point-Lok® device</b> <b>Needle foam stop</b>
National Quality Forum	<b>The National Quality Forum</b> supports using chlorhexidine gluconate 2% and isopropyl alcohol solution for skin antiseptic preparation in patients more than two months of age. <sup>4</sup>	<b>ChloroPrep® patient preoperative skin preparation (with Hi-Lite Orange® tint)</b>

# Safe-T PLUS components

Safe-T PLUS trays meet your diagnostic and therapeutic procedure needs with these safety components:

		
<p><b>Medication labels and fine-tip markers</b> work on syringes, medication cups or basins to help identify medications in the sterile field. The labels are waterproof.</p>	<p><b>The BD SafetyGlide needle</b> helps promote fast and easy, single-handed needle shielding with BD Activation-Assist™ technology. It can help prevent needlestick injuries by allowing you to easily and securely shield the needle tip immediately after injection.</p>	<p><b>The BD Bard-Parker protected disposable scalpel</b> with quality stainless-steel blades and safety engineering helps deliver performance without compromising technique. The scalpels are designed with the handling and feel that clinicians prefer, with simple one-handed activation and protection before and after use.</p>
		
<p><b>Filter Straw particulate matter filter</b> helps enable easy access to medication contained in an ampoule while filtering out glass particles that may have entered during opening.</p>	<p><b>Point-Lok device and needle foam stop</b> help promote sharps safety.</p>	<p><b>Chloraprep patient preoperative skin preparation</b> is a one-step, broad spectrum antiseptic in a single-use sterile applicator. Together, the 2% chlorhexidine gluconate (CHG)/70% isopropyl alcohol (IPA) formulation and single-use applicator help reduce microorganisms on the skin. The Hi-Lite Orange tint helps provide a visual marker of the prepped site.</p>

# Ordering information

## Thora-Para *PLUS* and Thora-Para catheter drainage systems

### Thora-Para *PLUS* catheter drainage tray

Our Thora-Para catheter drainage devices are available in Safe-T *PLUS* trays, designed to help you comply with today's safety recommendations.



Not made with natural rubber latex.



Cat. no.	Description
TPT1000SP	Safe-T <i>PLUS</i> Thora-Para tray with 8 Fr catheter
TPT1005SP	Safe-T <i>PLUS</i> Thora-Para tray with 5 Fr catheter

#### Safe-T *PLUS* components

- ChloraPrep 3 mL applicator with Hi-Lite Orange tint
- BD SafetyGlide needles 22 G x 1½" and 25 G x 1"
- BD protected disposable scalpel, #11
- Point-Lok needle retention safety device (2 ea.)
- Needle foam stop
- Filter Straw filter
- Medication label sheet
- Fine-tip marker

#### Standard components

- Catheter device, 8 Fr or 5 Fr over introducer needle, with stopcock
- Luer-lock syringe, 10 mL
- Luer-lock syringe, 60 mL
- Universal drainage set
- Extension set with 16 G x 1½" vacuum needle
- Fluid collection bag
- Syringe protector and fluid collection protector
- Prelabeled 10 mL specimen vials with caps (3 ea.)
- Gauze pads, 3" x 3" (6 ea.)
- 1% lidocaine hydrochloride USP, 5 mL (2 ea.)
- Fenestrated drape
- Towel
- Hospital wrap
- Bandage
- 5-in-1 wall suction adapter

### Thora-Para catheter drainage tray

The Thora-Para catheter drainage tray has been upgraded to include additional safety

components, including ChloraPrep patient preoperative skin preparation, and a wall suction adapter for increased flexibility.



Not made with natural rubber latex.



Cat. no.	Description
TPT1000	Thora-Para tray with 8 Fr catheter
TPT1005	Thora-Para tray with 5 Fr catheter

#### Tray components

- Catheter device, 8 Fr or 5 Fr over introducer needle, with stopcock
- ChloraPrep 3 mL applicator with Hi-Lite Orange tint
- Futura safety scalpel
- Needle foam stop
- Needles 25 G x 1½" and 22 G x 1½"
- Luer-lock syringe, 60 mL
- Luer-lock syringe, 10 mL
- Universal drainage set
- Extension set with 16 G x 1½" vacuum needle
- Fluid collection bag
- Syringe protector and fluid collection protector
- Prelabeled 10 mL specimen vials with caps (3 ea.)
- Gauze pads, 3" x 3" (6 ea.)
- 1% lidocaine hydrochloride USP, 5 mL (2 ea.)
- Fenestrated drape
- Towel
- Hospital wrap
- Bandage
- 5-in-1 wall suction adapter

# Ordering information

## Thora-Para catheter drainage system drug-free options

### Thora-Para drug-free tray

If a drug-free tray is preferred, we offer our Thora-Para catheter drainage device in a tray with safety needles but without lidocaine or ChloroPrep patient preoperative skin preparation.



Not made with natural rubber latex.



Cat. no.	Description
TPT1000SDF	Thora-Para drug-free tray with 8 Fr catheter
TPT1005SDF	Thora-Para drug-free tray with 5 Fr catheter

#### Tray components

- Catheter device, 8 Fr over introducer needle, with stopcock
- BD SafetyGlide needles, 25 G x 1" and 22 G x 1½"
- Futura safety scalpel
- Filter needle, 19 G x 1½" (3.8 cm)
- Luer-lock syringe, 60 mL
- Luer-lock syringe, 10 mL
- Universal drainage set
- Extension set with 16 G x 1½" vacuum needle
- Fluid collection bag
- Syringe protector and collection protector
- Pre-labeled 10 mL specimen vials with caps (3 ea.)
- Gauze pads, 3" x 3" (6 ea.)
- Fenestrated drape
- Towel
- Hospital wrap
- Bandage
- 5-in-1 wall suction adapter
- Needle foam stop

### Thora-Para tray without lidocaine

We now offer two additional drug-free trays to support changing regulations. These trays contain all of the components in our Thora-Para catheter drainage tray, including the ChloroPrep patient preoperative skin preparation, but without lidocaine (see *previous page for component listing*).

Cat. no.	Description
TPT1000CDF	Thora-Para tray with 8 Fr. catheter without lidocaine
TPT1005CDF	Thora-Para tray with 5 Fr. catheter without lidocaine

### Thora-Para kit

Our Thora-Para catheter drainage device is available in a convenient kit to meet your specific needs.

Not made with natural rubber latex.



Cat. no.	Description
TPK1001	Thora-Para kit with 8 Fr catheter
TPK1005	Thora-Para kit with 5 Fr catheter

#### Kit components

- Catheter device, 8 Fr or 5 Fr over introducer needle, with stopcock
- Extension set with 16 G x 1½" vacuum needle
- Futura safety scalpel

#### References

1 The Joint Commission. 2011 National Patient Safety Goals: Implementation Expectations for the 2007 NPSG. 2011. Retrieved on September 10, 2013, from: [http://www.jointcommission.org/assets/1/6/2011\\_NPSGs\\_HAP.pdf](http://www.jointcommission.org/assets/1/6/2011_NPSGs_HAP.pdf). 2 Centers for Disease Control and Prevention (CDC). Workbook for Designing, Implementing and Evaluating a Sharps Injury Prevention Program. 2010. Retrieved on September 10, 2013, from: <http://www.cdc.gov/sharpssafety/index.html>. 3 Occupational Safety and Health Administration (OSHA). Bloodborne Pathogens and Needlestick Prevention OSHA Standards: 2001 Revision. 2001. Retrieved on September 10, 2013, from: <http://www.osha.gov/SLTC/bloodbornepathogens/standards.html>. 4 National Quality Forum (NQF). Safe Practices for Better Healthcare—2010 Update: a Consensus Report. Washington, DC: NQF, 2010.

For more information or to place an order, contact your Interventional Specialties Sales Representative, call **800.323.9088** or visit [carefusion.com/drainage](http://carefusion.com/drainage).

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