Help your patients manage recurrent pleural effusions and malignant ascites at home.

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.

The PleurX catheter system includes a comprehensive portfolio of products to support:
- Catheter placement and maintenance
- Patient education and training
- Safe and effective drainage
Why choose the PleurX catheter system for your patients?

The PleurX catheter system helps your patients take control by enabling them to manage fluid from pleural effusions or malignant ascites at home.

**Proven solution**
- Has been used to treat more than 300,000 patients since 1997.
- Has been referenced in more than 35 peer-reviewed journal articles.
- Reports a documented < 3% infection rate and < 5% occlusion rate.
- Indicated for spontaneous pleurodesis (46% of patients achieve spontaneous pleurodesis at a median of 26.5 days).

**Patient focus**
- Includes a proprietary valve to help reduce the risk of misconnections.
- Promotes safe and effective drainage with active vacuum technology.
- Compliance and clinical acceptance of the PleurX catheter is extremely high among patients.
- Helps eliminate hospital visits for repeat thoracentesis or paracentesis.

The PleurX pleural catheter system

The PleurX peritoneal catheter system
New indication

The PleurX pleural catheter can be used in place of a chest tube for talc pleurodesis, giving you an additional treatment option

- **Decreased hospital days:** Patients may return home within 24 hours after instillation (at the discretion of a physician) rather than stay in the hospital for days draining from a chest tube.
- **Convenient outpatient drainage:** Patients drain the effusion at home (per the PleurX Instructions for Use) until pleurodesis occurs.
- **Backup for failed pleurodesis:** With chest tubes, pleurodesis procedures fail up to 28% of the time.* Using the PleurX catheter provides a backup with no need for reintervention because the catheter is already in place for drainage.
- **Greater patient comfort:** With a smaller incision and soft, flexible catheter, the PleurX catheter system offers a gentle alternative to a large, stiff chest tube.
- **Support of Quality of Care goals:** Using the PleurX catheter can foster patient satisfaction—and the goal of getting and keeping patients out of the hospital.

The benefits of administering talc slurry through the PleurX catheter in an outpatient setting are further detailed in a clinical article from *CHEST*.

**Talc pleurodesis through indwelling pleural catheters for malignant pleural effusions: retrospective case series of a novel clinical pathway**

Ahmed L, Ip H, Rao D, Patel N, Noorzad F

**Abstract**

Malignant pleural effusions cause significant morbidity, but there is no gold-standard, minimally invasive treatment. A new therapeutic approach combines talc pleurodesis and IPCs to enable outpatient management. This case series summarizes the safety and efficacy data of all patients (24) with a symptomatic malignant pleural effusion who underwent talc pleurodesis via IPCs between December 2010 and July 2013. Successful pleurodesis was achieved in 22 procedures (92%). There was one empyema, one hydropneumothorax, one recurrent effusion and two minor complications: one drain site wound infection and one complaint of chest pain. Twenty-two procedures (92%) were performed in the outpatient setting. This report confirms the safety and efficacy of administering talc slurry through IPCs in an outpatient setting. Studies in a larger cohort are necessary to define the role of this novel approach in the treatment algorithm of patients with this condition.


*CHEST*
The PleurX catheter system

**Vacuum bottle**
Active vacuum technology drains quickly and comfortably without the need for gravity. Bottles are available in 500 mL and 1,000 mL sizes.

**Proprietary safety valve**
The valve helps prevent inadvertent passage of air or fluid through the catheter. It also helps to reduce the risk of misconnection that may occur with a standard luer connection.

**Polyester cuff**
This promotes tissue ingrowth to help reduce infection risk and hold the catheter securely in place.

**Roller clamp**
The roller clamp provides easy control of drainage flow for optimal comfort.

**15.5 Fr Silicone catheter**
Soft and flexible catheter conforms to the pleural or peritoneal space and minimizes insertion-site discomfort.

**Fenestrations**
Large, smooth fenestrations promote drainage and help prevent occlusions.
### Ordering information

<table>
<thead>
<tr>
<th>Cat. no.</th>
<th>Description</th>
<th>Qty (cs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50-7050</td>
<td>PleurX pleural catheter mini kit</td>
<td>1</td>
</tr>
<tr>
<td>50-9050</td>
<td>PleurX peritoneal catheter mini kit</td>
<td>1</td>
</tr>
<tr>
<td>50-7500B</td>
<td>PleurX drainage kit with 500 mL vacuum bottle</td>
<td>10</td>
</tr>
<tr>
<td>50-7510</td>
<td>PleurX drainage kit with 1,000 mL vacuum bottle</td>
<td>10</td>
</tr>
<tr>
<td>50-7205B</td>
<td>500 mL vacuum bottle with drainage line</td>
<td>10</td>
</tr>
<tr>
<td>50-7210</td>
<td>1,000 mL vacuum bottle with drainage line</td>
<td>10</td>
</tr>
<tr>
<td>50-7235</td>
<td>PleurX replacement valve cap</td>
<td>10</td>
</tr>
<tr>
<td>50-7245</td>
<td>PleurX lockable drainage line</td>
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</tr>
<tr>
<td>50-7265</td>
<td>PleurX lockable drainage line kit</td>
<td>5</td>
</tr>
<tr>
<td>50-7262</td>
<td>PleurX supplemental insertion kit</td>
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</tr>
<tr>
<td>50-7280</td>
<td>PleurX catheter access kit</td>
<td>5</td>
</tr>
<tr>
<td>50-7290</td>
<td>PleurX procedure pack</td>
<td>5</td>
</tr>
</tbody>
</table>
Catheter placement kits and accessories

**PleurX catheter mini kits 50-7050 and 50-9050**

The PleurX catheter mini kits contain the components needed for catheter placement and initial drainage.

<table>
<thead>
<tr>
<th>Placement components</th>
<th>Drainage components</th>
<th>Dressing components</th>
</tr>
</thead>
<tbody>
<tr>
<td>• PleurX catheter (15.5 Fr)</td>
<td>• Lockable drainage line with access tip</td>
<td>• Gauze pads, 4&quot; x 4&quot; (10.2 cm x 10.2 cm, qty 6)</td>
</tr>
<tr>
<td>– 66 cm (pleural)</td>
<td>• Needle, 17 G x 1&quot; (2.5 cm)</td>
<td>• Foam catheter pad</td>
</tr>
<tr>
<td>– 71 cm (peritoneal)</td>
<td>• 5-in-1 drainage line adapter</td>
<td>• Self-adhesive dressing</td>
</tr>
<tr>
<td>• Guidewire introducer with needle</td>
<td>• Valve cap</td>
<td>• Lot number sticker (for traceability)</td>
</tr>
<tr>
<td>• Syringe, 10 mL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• J-tip guidewire, 60 cm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Peel-away introducer, 16 Fr</td>
<td></td>
<td></td>
</tr>
<tr>
<td>– 13.7 cm dilator length, 10 cm sheath length (pleural)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>– 17.8 cm dilator length, 14 cm sheath length (peritoneal)</td>
<td></td>
<td></td>
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<tr>
<td>• Tunneler</td>
<td></td>
<td></td>
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<tr>
<td>• Needle foam stop</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
PleurX supplemental insertion kit 50-7262

The supplemental insertion kit aids percutaneous insertion of the PleurX catheter into the pleural or peritoneal space. The orange stylet occludes the fenestrations in the catheter, helping reduce the amount of fluid leakage during catheter placement. The stylet also makes the catheter more rigid for ease of insertion into the valved introducer. The valved introducer helps reduce air entering into and fluid leaking from the pleural or peritoneal space.

**Insertion kit components**

- Catheter insertion stylet
- Valved peel-away introducer

PleurX catheter access kit 50-7280

Fluid samples can help diagnose a complex problem. The PleurX catheter access kit is designed to aspirate a sterile fluid sample directly through the catheter. The catheter access kit is also designed to allow catheter flushing, perform routine maintenance and administer a sclerosing agent for pleurodesis.

**Catheter access kit components**

- Syringe, 10 mL
- Lockable access tip with needleless access valve
- Blue wrapping
- Valve cap
- Alcohol pads (qty 2)
- Blue emergency slide clamp
Drainage kits and accessories

**PleurX drainage kit 50-7500B (500 mL) and 50-7510 (1,000 mL)**

The PleurX drainage kit includes the components needed each time the patient drains fluid. Each drainage kit (50-7500B and 50-7510) contains a 500 mL or 1,000 mL vacuum bottle with an attached drainage line and a procedure pack with the components listed below.

**Procedure pack components**

- Blue wrapping
- Alcohol pads (qty 3)
- Pair of gloves
- Valve cap
- Blue emergency slide clamp
- Gauze pads, 4" x 4" (10.2 cm x 10.2 cm, qty 4)
- Foam catheter pad
- Self-adhesive dressing

Vacuum bottle is included in the PleurX drainage kit.

**PleurX procedure pack 50-7290**

The PleurX procedure pack allows patients to change dressings with a clean technique and sterile supplies even when they do not need to drain.

**Procedure pack components**

- Blue wrapping
- Alcohol pads (qty 3)
- Pair of gloves
- Valve cap
- Blue emergency slide clamp
- Gauze pads, 4" x 4" (10.2 cm x 10.2 cm, qty 4)
- Foam catheter pad
- Self-adhesive dressing

PleurX drainage kit 50-7500B (500 mL) and 50-7510 (1,000 mL)

PleurX procedure pack 50-7290
PleurX lockable drainage line kit 50-7265

The PleurX lockable drainage line drains fluid through the PleurX catheter using portable or wall suction instead of PleurX vacuum bottles. The lockable drainage line is available separately or in a convenient kit with procedure pack components. The procedure pack provides the components necessary to change the dressing with a clean technique and sterile supplies. The lockable drainage line 50-7245 includes the drainage line and 5-in-1 adapter only.

### Lockable drainage line kit components

- Lockable drainage line
- 5-in-1 adapter
- Blue wrapping
- Alcohol pads (qty 4)
- Pair of gloves
- Valve cap
- Gauze pads, 4" x 4"
  (10.2 cm x 10.2 cm, qty 4)
- Foam catheter pad
- Self-adhesive dressing
- Blue emergency slide clamp

PleurX replacement valve cap 50-7235

The PleurX valve cap helps protect the catheter from contamination and maintain a clean drainage pathway. A valve cap is included in the PleurX drainage kit and should be replaced each time the patient drains. The cap is also available separately (50-7235) in case additional replacements are needed.
The PleurX catheter system has been referenced in more than 35 peer-reviewed journal articles, including:


To order or learn more about how BD can assist you in your efforts to bring this valuable treatment to more patients, contact your Interventional Specialties sales representative, or visit bd.com/PleurX