

PATIENT GUIDE

**Care and
Maintenance**

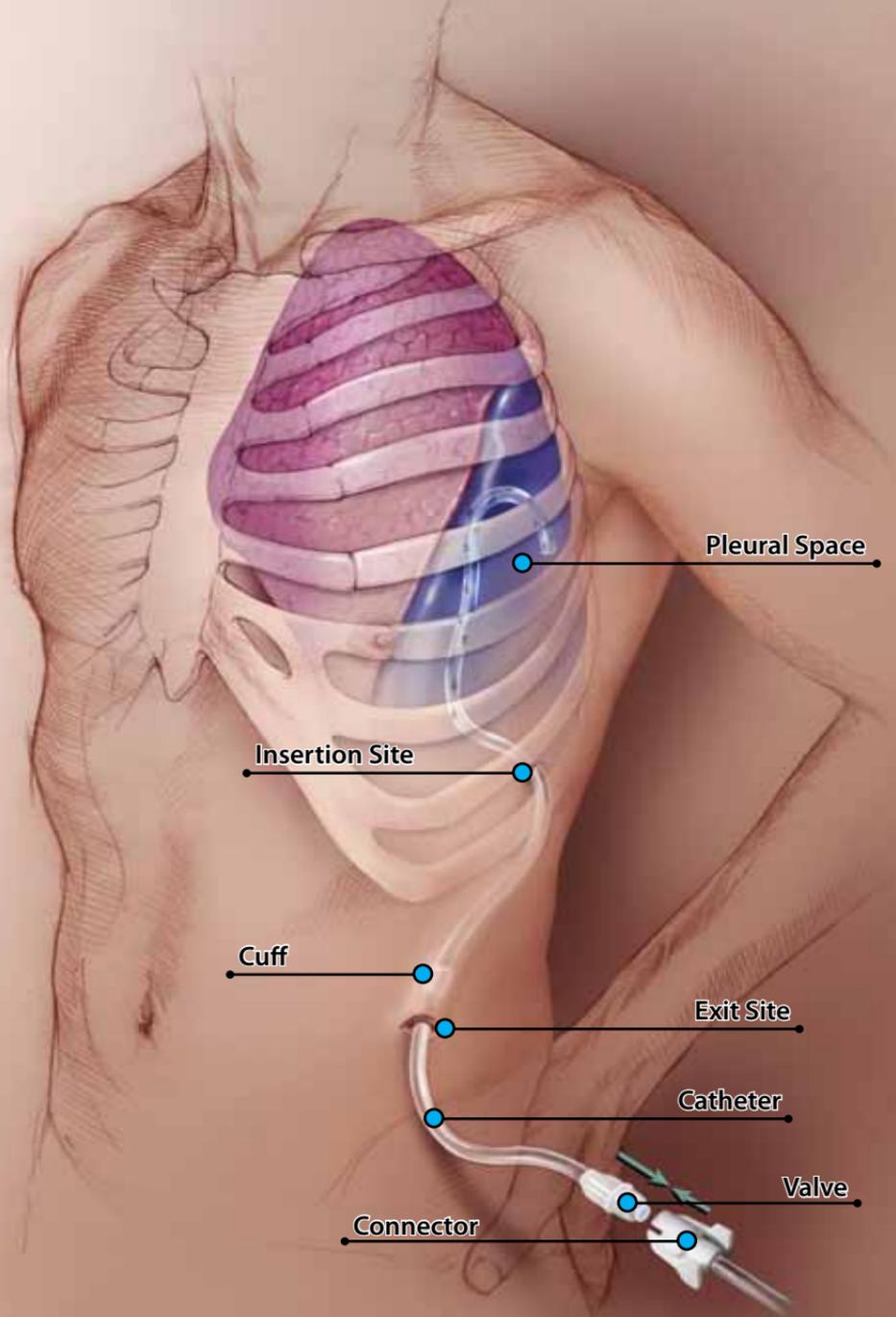
**Drainage
Frequency:**

**Max.
Drainage
Volume:**

**Dressing
Option:**

- Every drainage
 - Weekly
-

**Clinician's
Signature:**



Pleural Space

Insertion Site

Cuff

Exit Site

Catheter

Valve

Connector

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The background features several light gray, wavy lines that flow from the top left towards the bottom right, creating a sense of movement and fluidity.

Aspira^{*}

DRAINAGE SYSTEM

General Information About Your Aspira* Drainage Catheter

Why do you have an Aspira* Drainage Catheter?

Your doctor has put an Aspira* Drainage Catheter in your chest or abdomen to drain fluid in those areas. The catheter lets you drain fluid at home. Fluid drainage can help prevent or reduce shortness of breath or other symptoms.

Where does the catheter go inside the body?

Your doctor may have put the catheter in your chest (pleural space) or in your abdomen (peritoneal cavity). The doctor made a small cut (insertion site) in your chest or abdominal wall. The doctor tunneled the catheter through the insertion site under the skin to the place where the catheter exits your body through another small cut (exit site). {See illustrations on inside covers} You may have a few stitches at the insertion site and exit site. You will need to clean the exit site every time you change the dressing on your catheter.

How does the Aspira* Drainage Catheter and Aspira* Drainage Kit work?

The Aspira* Drainage Catheter is a soft silicone tube. This tube has many holes on one end. This end is inside your body. The fluid enters these holes and flows into the

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catheter. The other end of the catheter has a valve. When you connect the Aspira* Drainage Bag to the catheter, the valve opens. When you squeeze the pump on the drainage bag, the fluid will start to drain from your chest or abdomen and fill the drainage bag.

When no more fluid is flowing into the drainage bag or the bag is full, unhook the drainage bag from your catheter. Empty the drainage bag into the toilet and throw it in the trash. **Do not re-use.** Do not place it in the recycling bin.

It is important that you know how to drain and care for your catheter. You should have been given personal step-by-step instructions by your doctor or nurse. The information in this booklet is for reference only. Please call your doctor or nurse if you still have questions after reading this guide.

You may also view a step-by-step video on how to drain and care for your catheter at www.myaspira.com or call Customer Service to request a DVD or VHS copy of the video at 1-866-443-3471 (toll free).

Use one of these numbers when making your request:

Pleural Drainage DVD Ordering Number: 4991555

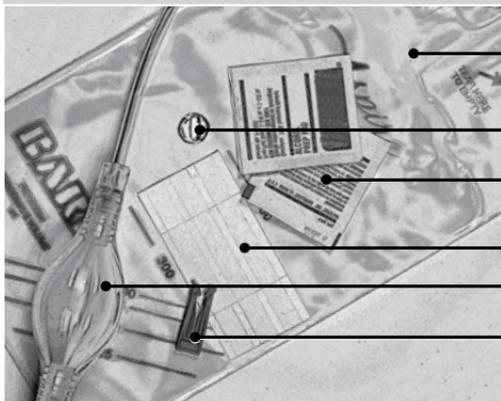
Pleural Drainage VHS Ordering Number: 4991556

Peritoneal Drainage media coming soon.

How To Drain Fluid From Your Aspira* Drainage Catheter

Supplies you will need:

1 - Aspira* Drainage Kit



Drainage Bag

Valve Cap

Alcohol Pads

Tape Strips

Siphon Pump

Slide Clamp

Step 1: Prepare the workspace

- a. Clear a space on a table or counter for your drainage supplies.
- b. Clean the surface with a disinfecting wipe or clean paper towel that has been moistened with rubbing alcohol. Wipe the surface dry with a fresh paper towel or allow it to air dry. This will create a clean work space.

NOTE: Moisture disinfecting wipes and/or rubbing alcohol may cause damage to some furniture surfaces.

- c. Wash your hands with warm soapy water. Scrub for one full minute. Rinse. Dry using a
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clean towel or clean paper towels.

- d. Peel open the pouch containing the drainage kit.
- e. Place the supplies on the cleaned area.

Remove dressing ONLY if:

1 - It has been one week since you last changed the dressing.

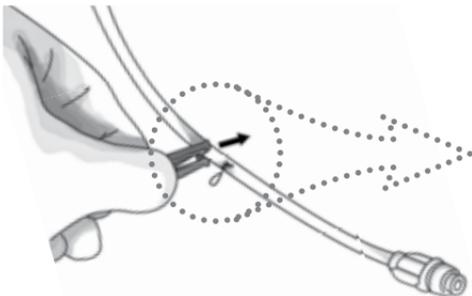
- OR -

2 - Your doctor has recommended that you change your dressing every time you drain fluid.

- OR -

3 - The area under the dressing is moist.

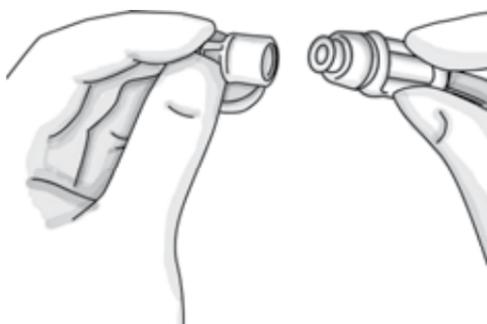
NOTE: If the catheter is damaged, place the slide clamp (in drainage kit) between the catheter damage and the exit site. Contact your doctor. To prevent damage, do not use anything sharp that may poke, cut or damage the catheter.



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- f. Wash your hands with warm soapy water. Scrub for one full minute. Rinse. Dry using a clean towel or clean paper towels.

NOTE: If the catheter is taped to the skin with tape strips, remove the tape.

- g. Remove and discard the valve cap from the catheter valve.

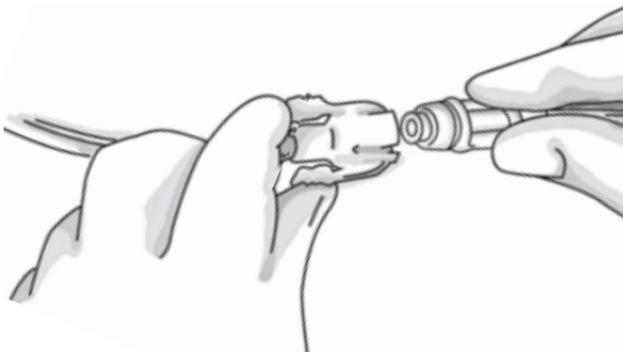


Step 2: Drain fluid

- a. Wipe the end of the valve with an alcohol pad.



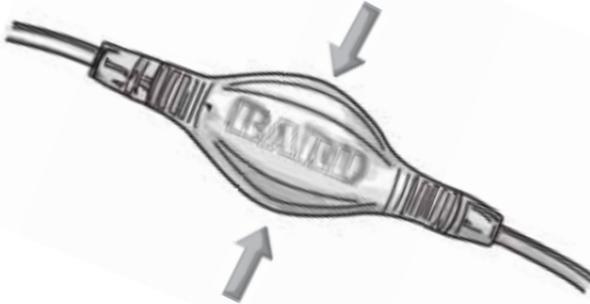
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- b.** Pick up the end of the drainage line and push it onto the end of the catheter until you hear or feel a click. Gently tug on the drainage line to make sure the connection is secure.



- c. Place the bag on a flat surface at least arm's length below your chest or abdomen.**



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- d.** Gently squeeze the pump one time. It will slowly re-expand as fluid fills the pump. Let fluid drain until the bag is full or the fluid stops flowing.



NOTE: If the pump does not re-expand or re-expands but does not fill with fluid, check the connection. Gently squeeze the pump again. If this does not work, try again with a new drainage kit. If a new drainage kit does not start flow, contact your doctor.

NOTE: If you have pain during drainage, raise the bag to slow the drainage or disconnect the bag to stop the flow of fluid. If you disconnect the bag, place the connecting end on your cleaned workspace. To restart the flow of fluid, clean the valve with a new alcohol wipe, connect the bag to the catheter and gently squeeze the pump. Do not reconnect a used bag that has been disconnected for more than 30 minutes.

CAUTION: Don't drain more than 1,000 mL from the chest or more than 2,000 mL from the abdomen in any one drainage. Always follow the advice of your doctor.

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CAUTION: If you have any of the following symptoms, complete the drainage and contact your doctor:

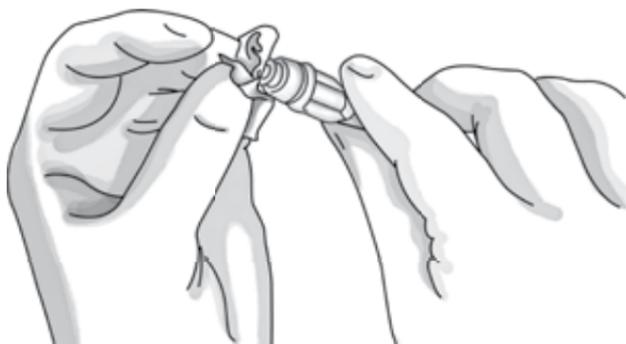
- **Shortness of breath that isn't relieved after draining 1,000 mL from the chest or 2,000 mL from the abdomen at one time.**
- **On-going pain or shortness of breath but little or no fluid is draining from the catheter.**
- **Less than 25-50 mL drain during each drainage for 3 drainages in a row.**
- **The appearance of your fluid changes a lot between drainages.**
- **If you develop fever (body temperature above 100.5° F [38° C]), notice redness, swelling, oozing or have pain at the exit site. These may be signs of infection that may require treatment. Consult your doctor immediately.**

Step 3: Complete your drainage _____

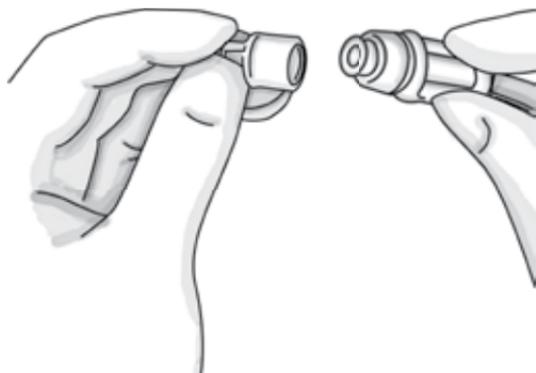
- a. When fluid flow stops or the bag is full, hold the catheter with one hand and pinch the wings of the connector with the other hand until the connector easily comes away from the catheter.



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- b.** Allow any fluid left in the tube to drain into the bag. Set the bag to the side.
 - c.** Wipe the catheter valve with a new alcohol pad.



- d.** Place the new valve cap on the valve.



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- e. **If it is not** time to change your dressing, tape the catheter to the skin where it is most comfortable. Go to the section titled **“How to Discard Fluid and Used Supplies”** on page 21.

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If it is time to change your dressing, go to the section titled **“How To Care For and Dress Your Aspira* Drainage Catheter”** on page 13.

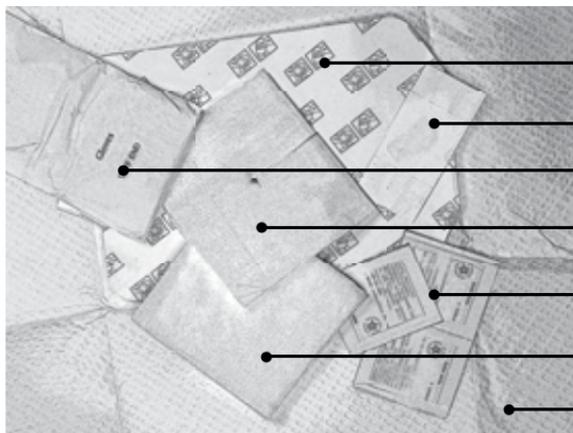
*Aspira**
DRAINAGE SYSTEM

How To Care For And Dress Your Aspira* Drainage Catheter

You should change your dressing at least **once a week** or as often as you were told to by your doctor or nurse. You should also change the dressing if the area under the clear dressing becomes moist.

Supplies you will need:

1 - Dressing Kit



Clear Dressing

Tape Strips

Gloves

Split Gauze

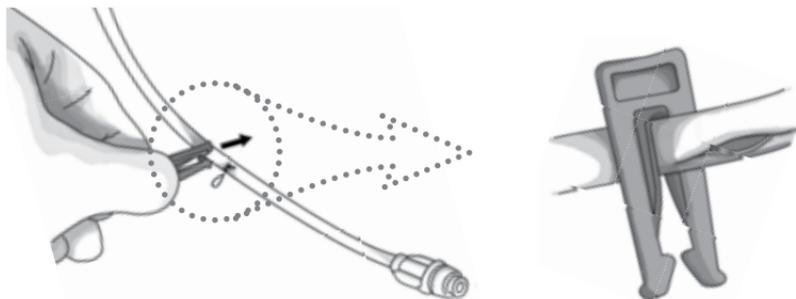
Alcohol Pads

Gauze Pads

Sterile Sheet

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- a. Carefully remove the clear dressing, gauze and split gauze pad from your catheter.

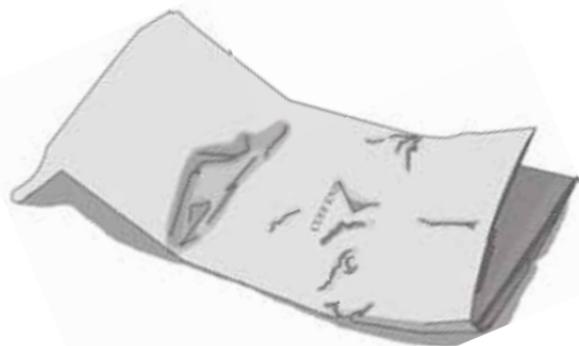
NOTE: If the catheter is damaged, place the slide clamp, provided in the drainage kit, between the catheter damage and the exit site and contact your doctor. To prevent damage, do not use anything sharp that may poke, cut or damage the catheter.



- b. Wash your hands with warm soapy water. Scrub for one full minute. Rinse. Dry using a clean towel or clean paper towels.
- c. Peel open the pouch with the dressing kit.

NOTE: The gloves and items in the dressing kit are sterile. Do not touch any non-sterile surface such as your skin, clothing, or furniture with your gloves.

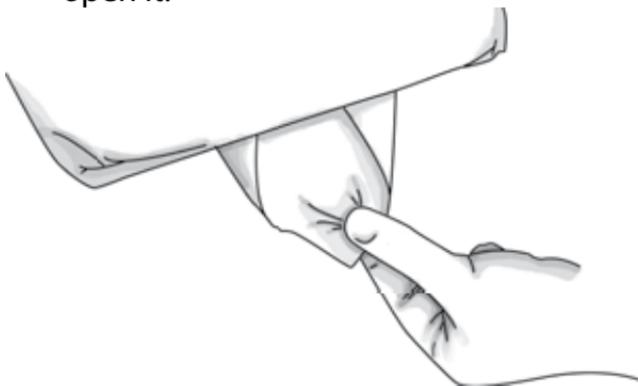
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- d.** Remove the gloves from the pouch.



- e.** Pick up one glove at the cuff end and place it on your hand. Pick up the second glove with the newly gloved hand and place it on your other hand.



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- f.** Remove the sterile sheet from the pouch and place it on the clean work space. Pull on the corner sticking out of the edge of the sheet to open it.



- g.** Lay the sheet flat so you can see the dressing supplies.
- h.** Clean the skin around the catheter exit site with an alcohol pad.



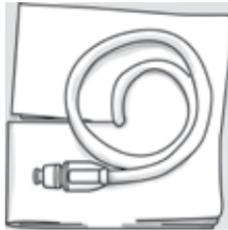
CAUTION: If you develop fever (body temperature above 100.5° F [38° C]), notice redness, swelling, oozing or have pain at the exit site. These may be signs of infection that

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may require treatment. Consult with your doctor.

NOTE: Make sure the exit site and skin around the catheter are dry before completing the dressing.

- i.** Place the split gauze pad on the skin around the catheter.
- j. If you change your dressing every time you drain, coil the catheter on top of the pad.**



(Dress at Every Drainage)

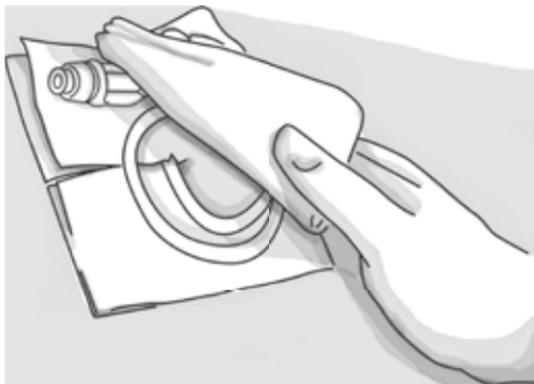
If you change your dressing less often than you drain, lay the catheter down toward your waist.



(Dress Weekly)

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- k.** Place gauze over the top of the catheter.

(Dress at Every Drainage)



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(Dress Weekly)



- l.** Hold gauze, catheter and split gauze pad in place with one hand.
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NOTE: For the next step, you may need the help of a caregiver. Make sure the caregiver washes their hands, scrubbing for one full minute before helping dress the exit site.

- m. Remove the inside rectangle from the dressing, then remove the printed backing. Place the clear dressing over the catheter and gauze. Make sure the dressing sticks to the skin around the gauze. Remove the paper edge from the dressing and smooth down the dressing edges. Be careful, the clear dressing is very sticky.

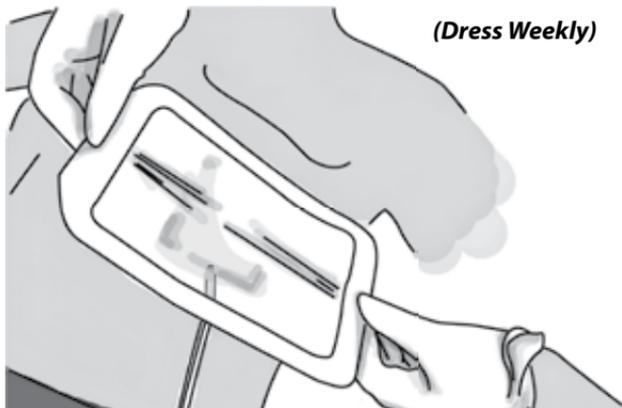


NOTE: If you change your dressing every time you drain fluid, your dressing is now complete. Any left over supplies can be thrown away.

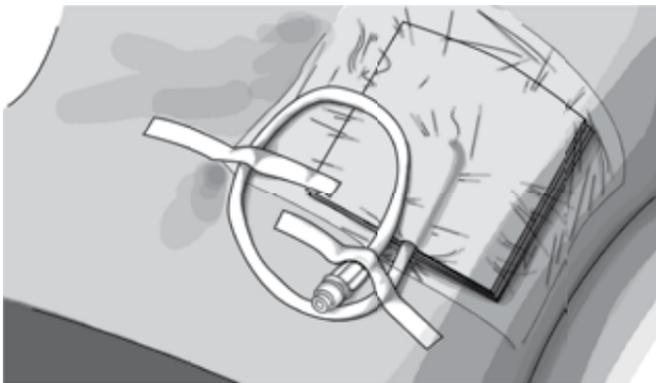
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NOTE: If you change your dressing every time you drain fluid, you may go to the section titled “How To Discard Fluid And Used Supplies” found on page 21. If you dress your catheter less often, continue with these final steps before going to the next section.



- n.** If you left the catheter hanging down, tape the rest of the catheter to the skin where it is most comfortable.



How To Discard Fluid And Used Supplies

- a. Over the toilet, cut or tear the corner of the drainage bag where the “cut or tear here to empty” arrow is pointing.



- b. Empty the fluid in the toilet. Flush the toilet.
- c. Coil the drainage line around the empty drainage bag. Place it in a small plastic bag and throw away.
- d. Throw all other used supplies in the trash.
- e. Wash your hands with warm soapy water. Rinse.

CAUTION: *If fluid spills, be sure to clean. Use soap and warm water for clothing and skin and use bleach for household items.*

NOTE: *Don't place the used Aspira* Drainage Bag in a recycling bin.*

Possible Problems

Infection:

Signs:

If you develop fever (Body temperature above 100.5° F [38° C]), or notice redness, swelling or oozing or have pain at the exit site. These may be signs of infection that may require treatment.

What to do:

Call your doctor right away.

Steps to follow to help prevent it:

Clean the exit site regularly. Follow the directions in this booklet for a clean procedure whenever accessing the catheter.

Pain during fluid drainage:

Signs:

Pain while draining fluid with the Aspira* Drainage Bag.

What to do:

If you have pain while draining, raise the bag to slow the flow. Disconnect the bag to stop the flow. If your pain does not go away after you stop draining, contact your doctor.

How to help prevent it:

Do not drain more fluid than your doctor tells you for each drainage.

Break or accidental cut in the catheter:

Signs:

Leaking fluid.

What to do:

Place the slide clamp between the damaged area and your skin. Call your doctor immediately. The catheter will need to be repaired by your doctor.

How to help prevent it:

Don't use sharp objects around the catheter. Never use a lot of force on the catheter.

Catheter valve damage:

Signs:

Leaking fluid around the catheter valve.

What to do:

Place the supplied slide clamp close to the valve on the catheter. Call your doctor. The catheter valve will need to be replaced.

How to help prevent it:

Don't use a lot of force on the catheter valve or catheter when connecting and removing the Aspira* Drainage Bag. Do not try to connect anything but the drainage bag to the catheter valve.

Slow or no drainage:**Signs:**

Unable to drain fluid or very little fluid drains during procedures.

What to do:

Make sure the bag is placed at least arm's length below your chest or abdomen. Make sure the drainage line and the catheter are not kinked. Make sure the catheter and drainage line are securely connected. Gently squeeze the pump again to start the fluid flow. If the fluid flow does not improve, call your doctor. The catheter may need to be checked.

How to help prevent it:

Slow or no drainage could be caused by many things, most of which are out of your control. Call your doctor.

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Accidental catheter removal:

Signs:

The catheter moves in and out of the exit site.
The cuff may break through the skin.

What to do:

Call your doctor immediately. If the catheter comes all the way out of your chest or abdomen, place a clean dressing on the exit site.

How to help prevent it:

Don't pull, tug or yank on the catheter. Be careful that it doesn't get caught or snagged.

Low blood pressure during or after drainage:

Signs:

Dizziness or feeling light headed, blurred vision, feeling faint or weak.

What to do:

Stop draining. Call your doctor.

How to help prevent it:

Don't drain more fluid than your doctor tells you at each drainage.

Frequently Asked Questions

Can I shower with the catheter?

You may shower if a water tight covering, like the one in the dressing kit, is placed securely over the catheter. Do not bathe or allow the catheter to soak under water. If the area under the clear dressing becomes wet, remove the dressing, dry and dress the area with a new dressing kit.

How often do I need to drain fluid?

You should drain fluid as often as your doctor tells you to. Your doctor may have you drain fluid to relieve symptoms.

How long can the catheter stay in place?

Your doctor will decide how long you need the catheter. It can stay in place as long as you need it and provided that you don't have any complications.

How often do I need to change the dressing?

You should change the dressing at least **once a week** or as often as your doctor tells you to. You should also apply a clean dressing if the area under the clear dressing becomes wet or if the clear dressing is damaged. See, "How to Care for and Dress Your Aspira* Drainage Catheter".

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Naturally this patient guide can not cover all potential questions, possible situations and scenerios.

Disclaimer: Any of the answers provided can only be a suggestion, as only your doctor can make the appropriate decision based on your particular clinical situation and need. Your doctor's advice over rides any of the recommendations provided in this patient guide.

How do I order more drainage and dressing kits?

Call 1-866-443-3471 (toll free). Use the part numbers listed below or on the back of this Patient Guide.

Drainage Kit Reorder Number (1,000 mL Pleural/Peritoneal): 4992301

Dressing Kit Reorder Number: 4991503

Who should I call if I have questions about my catheter?

For general questions on how to use your catheter, you may call the clinical information line at 1-866-893-2691 (toll free). You may also call your doctor or nurse.

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Where can I find a video to explain how to care for and drain fluid from my Aspira* Drainage Catheter?

If your doctor or nurse did not provide a DVD, you may find the patient drainage video on www.myaspira.com or request a DVD or VHS copy by calling Customer Service at 1-866-443-3471 (toll free).

Use one of these numbers when making your request:

Pleural Drainage DVD Ordering Number: 4991555

Pleural Drainage VHS Ordering Number: 4991556

Peritoneal Drainage media coming soon.

Glossary

Ascites -

Fluid that builds up in the abdomen.

Catheter -

Soft silicone (plastic) tube that is placed inside the body.

Cuff -

Small piece of mesh around the catheter that helps the catheter stay in place while inside the body.

Exit Site -

Small cut where the catheter comes out of the skin.

Insertion Site -

Small cut where the catheter is inserted by the doctor.

Peritoneal Space -

Space surrounding the abdominal organs where fluid may build up.

Peritoneum -

Membrane that lines the inside of the abdomen and surrounds the abdominal organs.

Pleural Effusion -

Fluid that builds up in the pleural space.

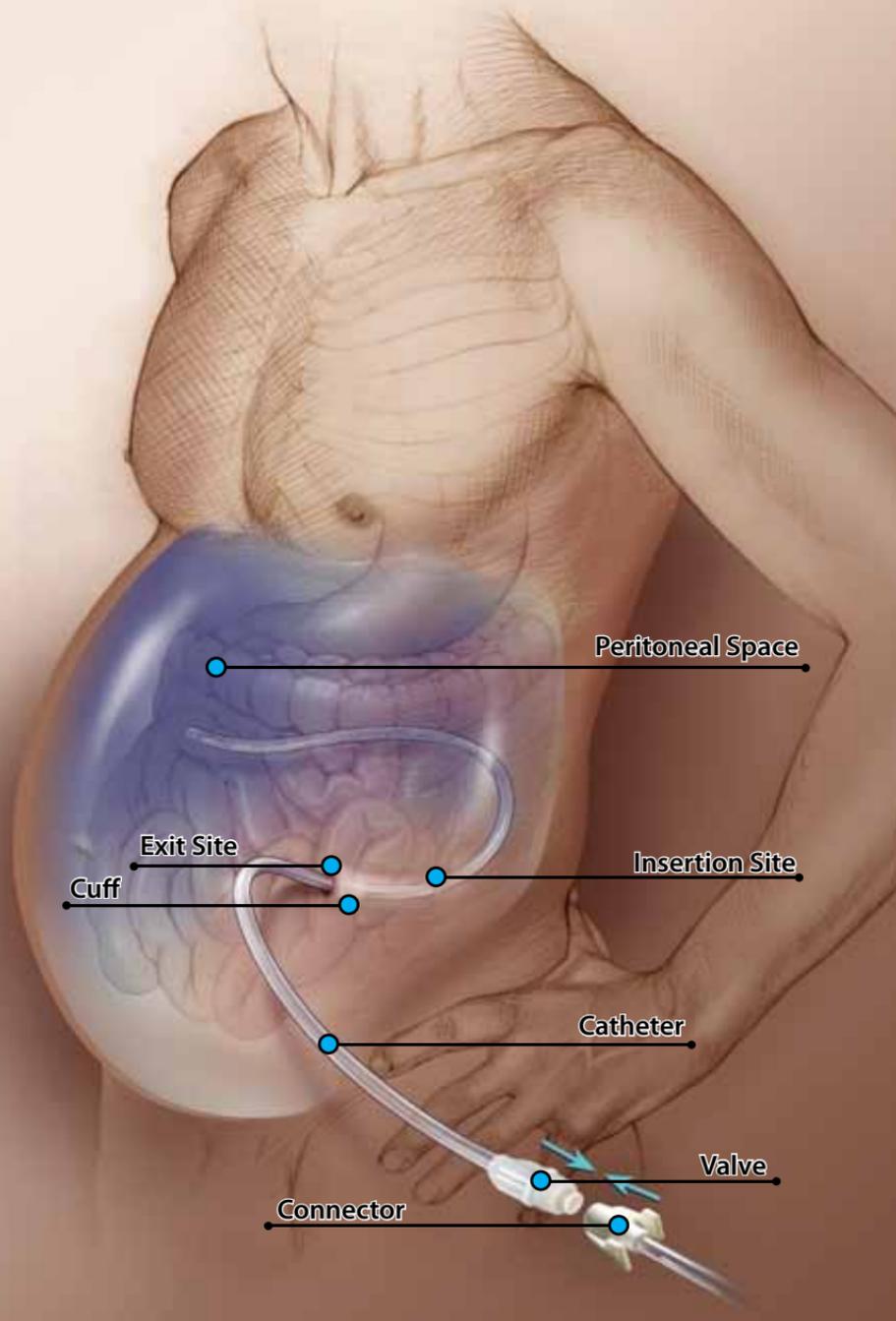
Pleural Space -

Area between the lungs and the chest wall where fluid may build up.

The background features several light gray, wavy lines that flow from the top left towards the bottom right, creating a sense of movement and fluidity.

Aspira^{*}

DRAINAGE SYSTEM



Peritoneal Space

Insertion Site

Exit Site

Cuff

Catheter

Valve

Connector

Aspira*

DRAINAGE SYSTEM

An issued or revision date for these instructions is included for the user's information. In the event two years have elapsed between this date and product use, the user should contact Bard Access Systems, Inc. to see if additional product information is available.

Revised Date: November 2010

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BARD

Bard Access Systems, Inc.
605 North 5600 West
Salt Lake City, UT 84116 U.S.A.

1-801-522-5000
1-866-443-3471 (Home Supply Ordering)
1-866-893-2691 (Clinical Information)

www.bardaccess.com
www.myaspira.com

1L Drainage Kit
Reorder Number

4992301

Dressing Kit
Reorder Number

4991503