

## Cleaning the Secondary Urine Drainage Bag Quick Reference Guide (QRG)

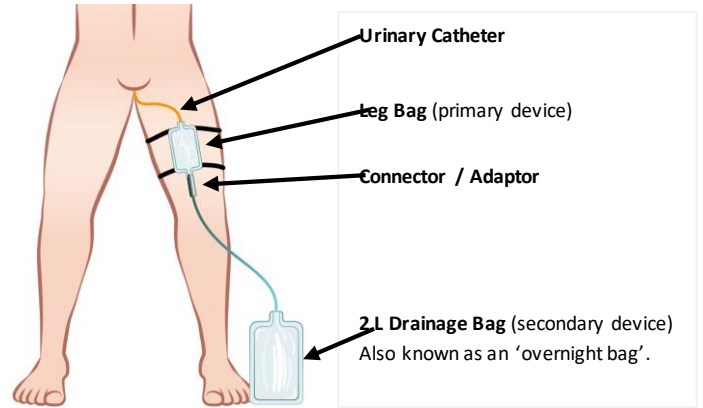
A sterile urinary catheter is connected to a sterile leg bag called the primary collection bag.

In order to prevent a urinary tract infection, the connection between the catheter and leg bag is not to be opened.

The leg bag (primary collection device) can be connected to a 2 L drainage bag (secondary device) as it can collect more urine than what a leg bag can hold. The 2 L drainage bag is often used to collect urine during the night.

If a connector / adaptor is needed to connect the two bags together, it should stay attached to the 2 L drainage bag tubing.

When the 2 L bag is disconnected from the leg bag (e.g., in the morning) it needs to be cleaned and disinfected.



### Disconnect/Prepare

#### Disconnect the 2L bag:

- Wash hands. Put on clean gloves.
- Close leg bag's spout so the leg bag now collects the urine.
- Cleanse the connecting point of the leg bag and 2L bag with the alcohol swab for 30+ seconds. Let dry.
- Disconnect the 2 L bag from leg bag.
- Empty the 2 L bag and close its drainage spout.
- If the 2 L bag has a colour change or is damaged, then discard the bag.
- Remove gloves and wash hands. Put on clean gloves.

#### Gather your supplies:

- Alcohol swab
- Liquid dish soap
- White vinegar
- (2) 2 cup (500 mL) containers
- (1) measurement cup
- 50 or 60 mL catheter tip syringe (from a medical supply store) or a turkey baster or a squeeze bottle with a small nozzle
- If needed, new 2 L drainage bag
- A connector / adaptor, if needed (a piece of tubing which allows the 2 L bag tubing to be connected to the leg bag spout)

#### Set up the solutions:

- Cleansing: in one of the containers, mix a few drops of liquid dish soap into 250 mL (1 cup) of tap water.
- Disinfectant: in the other container mix:  
75 mL of 5% white vinegar and 225 mL of water.
- or**  
1/3 cup of 5% white vinegar and 1 cup of water.

Note: vinegar to water ratio is 1:3

### Cleanse/Disinfect/Store

#### 1. Clean the inside:

- Draw up soap solution into syringe, bottle or baster and attach it to the drainage tubing.
- Add the solution to the bag.
- Repeat the above steps to add all of the solution.
- Gently shake solution around the bag for 30 seconds
- Open the spout and drain out the solution.
- Rinse with tap water.

#### 2. Disinfect the inside:

- Draw up the vinegar into the syringe/bottle/baster and attach it to the drainage tubing.
- Add the solution to the bag.
- Repeat above steps to add all the solution.
- Gently shake the solution around the bag for 30 seconds
- Allow the solution to sit for 10-15 minutes
- Drain out the solution.

#### 3. Cleanse/disinfect the outside:

- Clean the outside of the bag & tubing with soap/water and disinfect with vinegar solution; pat dry.
- If available, clean the drainage tubing's protective cap with soap / water and disinfect with vinegar solution; pat dry.
  - Use an alcohol swab to cleanse the end of draining tubing for 30 seconds. Allow to dry for 30 seconds before replacing cap.

#### 4. Store the bag for the day:

- Hang in bathtub/bathtub area.
- Leave spout opened to allow the vinegar solution to drain out.
- Ensure tubing end and spout do not come into contact with any surface.
- or**
- Ensure vinegar solution is drained from the bag. Close the spout.
- Place the bag in a clean plastic container, labelled with client's name, and store at the client's bedside.

#### 5. Clean up:

- Rinse containers and put away the equipment/supplies.
- Wash hands.

### Reattach

#### When reattaching the 2L bag (e.g., at bedtime):

- Wash hands. Put on gloves.
- Empty the leg bag and close its drainage spout.
- Remove gloves, wash hands. Put on clean gloves.
- Cleanse the connecting point of the leg bag and the 2 L bag tubing with the alcohol swab for 30+ seconds. Let dry. Close the drainage spout on the 2 L bag.
- Connect the 2 L bag to the leg bag. Open the spout on the leg bag.
- Remove gloves and wash hands again.