

# ***PROCEDURE***

**ORIGINAL DATE: 04/02**

**SUBJECT: Genitourinary : Bladder Irrigation with Amphotericin B Through 3-Lumen Catheter**

**PURPOSE:** To irrigate bladder with a continuous antifungal solution for treatment of local fungal infections of the bladder.

## **Considerations**

1. Amphotericin B is a potent anti-fungal agent. Avoid contact with skin or eyes. Use protective equipment when handling this drug. Amphotericin B can cause localized irritation of the skin and eyes. If Amphotericin B is splashed on the skin rinse with water, followed by soap and water wash. If Amphotericin B is splashed into the eyes, flood with water for 5 minutes and call Employee Health Services for further instructions for treatment.
2. Amphotericin B can only be mixed in Sterile Water for bladder irrigation.
3. Verify the patient's allergy history. Do not administer if patient allergic to Amphotericin.
4. Verify the irrigating solution against the doctor's order for dose, rate of irrigation, and duration of irrigation
5. Note expiration date of irrigant solution
6. Clean technique is required for irrigation.
7. Irrigation tubing should be changed every 48 hours.
8. Licensed Practical Nurses shall not administer Amphotericin B bladder irrigations.

<b><i>Necessary Equipment</i></b>	
Amphotericin-B Solution for Irrigation	Irrigation Tubing
3-Way (Lumen) Foley Catheter	Sterile Catheter Plug
Catheter Tray (if insertion necessary)	Gloves
Impervious Trash Bag	IV Pole

## **Procedure**

1. Explain procedure to patient, obtain consent.
2. Assemble equipment
3. Don gloves and protective eyewear.
4. Insert 3-way catheter, if it is not already in place and plug smallest lumen with sterile catheter plug.
5. Connect irrigation tubing to container of irrigation solution. Hang container for gravity flow and let irrigation solution fill tubing. Clamp off tubing.
6. Take catheter plug out of smallest lumen, take irrigation tubing cover off and insert tubing into smallest lumen. Open clamp and set rate of infusion.

7. Remain with the patient for at least 30 minutes after irrigation initiated.
8. Instruct patient and/or caregiver to empty catheter drainage bag at least every 4 hours and record amount. **The pt/caregiver should be instructed to call the RN if the amount of urine in the drainage bag is less than the amount of irrigant that has infused, or if the catheter is leaking.**
9. To replace irrigation solution container:
  - a. Clamp tubing.
  - b. Remove tubing spike from old container.
  - c. Remove cover from new container
  - d. Insert spike into new container.
  - e. Hang new container and set rate of infusion.
  - f. Container should be marked with date and time hung.
8. If continuous irrigation is discontinued, the lumen can be plugged with sterile catheter plug.
9. Discard soiled supplies in appropriate containers.

### **AFTER CARE**

Document in patient's narrative

- a. Irrigation solution, type and amount infused.
- b. Patient's response to procedure.
- c. Instructions given to patient and/or caregiver and the response to teaching.