

	<p>POLICIES &amp; PROCEDURES</p> <p>Title: <b>BLADDER IRRIGATION (CONTINUOUS MEDICATED)– AMPHOTERICIN B</b></p> <p>I.D. Number: <b>2422</b></p>
<p>Authorization</p> <p>[X] SHR Nursing Practice Committee</p>	<p>Source: Nursing</p> <p>Date Revised: March, 2012</p> <p>Date Effective: January 2003</p> <p>Scope: <b>St. Paul's Hospital</b></p>

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## 1. PURPOSE

- 1.1. Amphotericin B is used to treat fungal bladder infections.

## 2. POLICY

- 2.1. A RN/RPN/GN or LPN/GPN who has successfully completed the Medication Administration Course will administer continuous medicated bladder irrigation as per physician's order.
- 2.2. A physician's order is required.

## 3. PROCEDURE

### 3.1. Supplies:

- Gloves and eye/face protection
- Prescribed medication mixed in 1000 ml sterile water for irrigation (prepared by Pharmacy and bag labeled as 'Not for IV infusion')
- IV pump tubing
- IV pump and pole
- Blue luer lock catheter adapter SPD # 86507
- 3 way foley catheter
- Urinary drainage bag

**Note:** *The patient must have a 3-way Foley catheter in place prior to continuous medicated bladder irrigation. One lumen to inflate balloon, one to instill irrigation solution and one for outflow of irrigation solution.*  
**(See SHR Nursing Policy & Procedure: Catheterization – Bladder)**

- 3.2. Insert 3 way foley catheter if not already in place.
- 3.3. Attach IV tubing to solution bag containing prescribed medication.

- 3.4. Prime IV tubing and load into IV pump.
- 3.5. Place IV pump at the foot of the bed.
- 3.6. Glove and don eye/face protection.
- 3.7. Attach blue luer lock catheter adapter to end of IV tubing and connect to inflow lumen (irrigation port) of foley catheter.
- 3.8. Attach urinary drainage bag to outflow lumen (drainage port) of foley catheter.
- 3.9. Program the pump to infuse at prescribed rate.
- 3.10. Never irrigate catheter with Amphotericin B with normal saline (not compatible). Use sterile water only.
- 3.11. Change IV tubing every 96 hours.
- 3.12. Care of patient:
  - Maintain closed system except when emptying drainage bag prn
  - Observe for the following:
    - Any obstruction of the inflow and outflow lines
    - Volume and appearance of outflow
    - Bypassing urine
    - Patient's pain level and any abdominal/bladder distention

Patient Teaching

  - Instruct patient to notify nurse if experiencing bladder pain, spasms, or bypassing around the catheter as the tubing could be kinked or blocked
- 3.13. Document:
  - Prescribed medication on MAR
  - Color of outflow per foley catheter
  - Patient's pain level
  - Presence of bypassing urine
  - If urinary output is required, calculate the true urinary output by subtracting the total Amphotericin B infusion amount for that shift from the total measured output amount of the same shift

#### 4. REFERENCES

Elkin, M., Perry, A., and Potter, P. (2004). Nursing Interventions and Clinical Skills, 3<sup>rd</sup> Edition, Philadelphia, PA: Mosby, Pg. 854-857.

Sarasota Memorial Hospital Nursing Procedure. (2008). "Continuous Bladder Irrigation with Amphotericin B". SMH: Heaton, J. Retrieved February 24, 2012 from [http://home.smh.com/sections/services-procedures/medlib/nursing/NursPandP/med13\\_continuous\\_062208.pdf](http://home.smh.com/sections/services-procedures/medlib/nursing/NursPandP/med13_continuous_062208.pdf)

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