

Amphotericin B Bladder Instillation

What is Amphotericin B?

Amphotericin B is a medication that can be instilled into the bladder to treat yeast infection. The Amphotericin B works within the bladder to reduce yeast producing bacteria. Some patients may need to do this daily and some patients may use this only when they feel signs of infection.

What is a bladder instillation?

A bladder instillation is done by inserting a small catheter into the bladder through the urethra. You should empty your bladder before you insert the catheter. Gravity helps to instill the medication through the catheter using a catheter tip syringe. After the instillation you can remove the catheter and go about your normal activities. The medication remains in the bladder until your next urination. We will give you instructions on how to perform this instillation here at the clinic.

What will I need to perform this instillation?

In addition to the supplies you ordinarily use to catheterize yourself, you will need the following:

- Amphotericin B solution (50 mg of Amphotericin B mixed in 1 liter of sterile water). You will be given a prescription for this.
- 1 catheter-tip syringe
- 1 clean specimen cup

Procedure

1. Wash hands with soap and warm water.
2. Prepare for the instillation by pouring at least 30 cubic centimeters of the Amphotericin B solution into the clean specimen cup.
3. Remove the plunger from the syringe. Lay syringe on a clean surface.
4. Catheterize yourself as you normally would and allow all the urine to drain out of your bladder.
5. While the catheter is in your bladder, remove the cap from the end of the syringe and place the tip of it into the end of the catheter.
6. Slowly pour the Amphotericin B from the specimen cup into the syringe. Allow the solution to flow by gravity by holding the syringe higher than the level of the bladder. Gravity may work against you if you try to instill the solution while sitting in an upright position so be sure to hold the syringe higher than the level of the bladder.
7. After all the solution has been instilled, pinch the catheter and slowly withdraw it from your bladder. Pinching prevents the solution from leaking out when you withdraw the catheter.
8. The solution stays in your bladder until the next time you urinate or catheterize.
9. Be sure to wash your hands again with soap and warm water when done with the procedure.

Reminder: The Amphotericin B solution is potent for 7 days. It must be stored in the refrigerator when not in use.

Contact Information

If you have any questions, please contact the University of Michigan, Department of Urology at 734-936-7030 during business hours (8:00 am - 5:00 pm). After business hours and on weekends, please call 734-936-6267 and ask to speak with the Urology Resident on call. If you need to see a doctor right

away please go to the nearest Emergency Room (ER). Have the ER doctor contact the University of Michigan urology resident on call for assistance.

Disclaimer: This document is for informational purposes only and is not intended to take the place of the care and attention of your personal physician or other professional medical services. Talk with your doctor if you have Questions about individual health concerns or specific treatment options.

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