



Patient & Family Guide
2017

Ceftazidime for Peritonitis in Peritoneal Dialysis



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Ceftazidime for Peritonitis in Peritoneal Dialysis

What is ceftazidime?

- Ceftazidime is an antibiotic (drug used to treat infections caused by bacteria). It is used to treat peritoneal infections.

Why am I getting ceftazidime?

- If you have peritonitis (an infection in your peritoneum), your renal team may tell you to take an antibiotic, such as ceftazidime.
- Symptoms of peritonitis include: cloudy bag, abdominal (stomach) pain and fever.
- You will only start taking ceftazidime if the renal team tells you to do so.
- You will be trained by the renal team on how to give yourself ceftazidime through your peritoneal solution.

What are some of the possible side effects?

- Like most medicines, ceftazidime may cause side effects. These include itching, rash, fever, diarrhea, nausea (feeling sick to your stomach), vomiting (throwing up) and abdominal (stomach) pain. Rarely, ceftazidime may cause an allergic reaction.

- Contact your health care provider if diarrhea continues or changes in frequency or consistency.

Go to the nearest Emergency Department if you have any of the following:

- › Wheezing or trouble breathing
- › Chest tightness
- › Hives
- › Itchy rash
- › Swelling of the lips or body
- › Feeling faint
- › Severe (very bad) diarrhea
- › Flu-like symptoms

How do I give myself ceftazidime?

- You will give yourself ceftazidime intraperitoneally once a day during a 6-hour ‘dwell’.
- Ceftazidime comes as a powder that needs to be mixed with sterile water before it is added to your dialysis solution.
- Instructions on how to mix, draw up and administer ceftazidime are given on the next page.

Mixing and adding ceftazidime to a bag of solution

You will need:

- Face mask
- Ceftazidime (1 g vial)
- Sterile water
- Syringes with needles (2 or more)
- Solu-I.V.[™] swabs (2% chlorhexidine gluconate with 70% alcohol)

Instructions:

1. Your dose of ceftazidime is _____ mg given intraperitoneally once a day during a 6-hour dwell.
2. Check the vial(s) of ceftazidime for the correct name, strength and expiry date.
3. Put on the face mask and wash your hands.
4. Open and check the bag of solution.
5. Remove caps from sterile water and ceftazidime vial(s). Put a Solu-I.V.[™] swab on top of each vial and scrub for 30 seconds. Remove swabs and let air dry.
6. Put a SOLU-I.V.[™] swab on the medication port of the bag of solution. Scrub for 30 seconds. Remove the swab and let air dry.
7. Open a 10 ml syringe with needle. Twist together to tighten needle.

8. Draw up 10 ml of air into syringe.
9. Inject air into the sterile water.
10. Draw up 10 ml of sterile water.
11. Inject the sterile water into the ceftazidime vial right away. To avoid foaming of the medication, **inject the water slowly and down the side of the vial.** Remove the needle.
12. Gently swirl the vial to mix until the powder is completely dissolved.
13. Put a new Solu-I.V.[™] swab on the ceftazidime vial and scrub for 30 seconds. Remove swab and let air dry.
14. Repeat steps 6-12 if a second ceftazidime vial is needed.
15. Using a new syringe, inject air into the vial and immediately draw up the mixed ceftazidime. It should look clear, not cloudy.
16. Vial #1: Draw up _____ ml of ceftazidime and inject into the medication port on the bag of solution right away.
17. Vial #2 (if needed): Draw up _____ ml of ceftazidime and inject into the medication port on the bag of solution right away.
18. Mix by squeezing the port and turning the bag upside down several times.

19. On your daily record sheet, write down the drug (ceftazidime), dose and time/date given.
20. Repeat these steps once a day during a 6-hour dwell, as directed.

Things to remember:

- ☑ Antibiotic medicines should dwell for 6 hours.
- ☑ 1 ml = 1 cc (Bottles are labelled with “ml” and syringes are labelled with “cc”.)
- ☑ Medicine should always look clear when mixed with sterile water.
- ☑ Only use the vial of sterile water one time. Discard the sterile water vial after using.
- ☑ **DO NOT** reuse syringes or needles.
- ☑ Put used needles into a sharps container for disposal.
- ☑ Mix the ceftazidime right before your exchange, or as close as possible to it.
- ☑ Do not reheat the bag of solution after adding the ceftazidime.
- ☑ The Renal Dialysis Home Unit phone number is 1-902-473-2155.

How do I store my ceftazidime?

- Store unopened ceftazidime at room temperature away from light.
- After mixing and drawing up your dose of ceftazidime, throw away the vial.

If you have any questions, please talk to your nurse, doctor, pharmacist or nurse practitioner.

Your nurse can arrange for a member of your health care team to talk with you about your treatment.

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For more information, go to <http://library.novascotia.ca>

Connect with a registered nurse in Nova Scotia any time: call 811 or visit <https://811.novascotia.ca>

Learn about other programs and services in your community: call 211 or visit <http://ns.211.ca>

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If you have any questions, please ask your health care provider.

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The information in this pamphlet is to be updated every 3 years or as needed.