

## How to prepare Fosfomycin 4g Infusion

### Information

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|--------------------------------|---|
| 1. Diluent for reconstitution: | 20ml water for Injection  |
| 2. Final volume:               | 250ml bag of sodium chloride 0.9%                               |
| 3. Administration:             | Administer over 60 minutes                                      |
| 4. Storage requirements:       | Protect unopened vials from light and heat and store below 25°C |

### Equipment

20ml water for Injection  
250ml bags of sodium chloride 0.9% for infusion  
50ml bags of sodium chloride 0.9% for flushing  
Fosfomycin 4g vial  
20ml syringe(s)  
Green needle(s)  
Venting needle (optional)  
Sterile alcohol wipes  
IV giving sets

**Warning – this is irritant to your veins. The recommended route is via your TIVAD (Port) or long-line. Administration via Venflon is usually not recommended as it can be very painful. Please report any pain, redness or inflammation to your veins when you give this medicine. Slowing down the rate of the infusion may help in this situation.**

### Procedure

1. Check drug, dose and expiry date.
2. Wash hands thoroughly.
3. Ensure preparation area is clean.
4. Examine vial and infusion bag for particles and make sure tamper proof seal between the cap and the seal are intact. (discard if any foreign particles are present or seal is broken).
5. Remove vial cap and open infusion bag.
6. Swab top of vial, water for injection and the infusion bag connector with a sterile alcohol wipe and allow to dry for one minute.
7. Draw up 20mls water for injection and add to 4g vial of fosfomycin. Allow to dissolve (it may get warm). Never inject it neat, it must be infused slowly.
8. Using the 20ml syringe, draw up the contents of the vial and add to the 250ml bag of sodium chloride 0.9%.
9. Invert the bag several times to ensure it is well mixed.
10. Attach a giving set to the bag, ensuring it is clamped shut.
11. Hang bag at a height above your head and prime the line as you have been directed.
12. Swab your IV line connector and allow to dry for 1 minute.
13. Attach giving set and open clamps on both lines.
14. Infuse over 1 hour as directed. You can slow rate down if you experience any pain or irritation in your vein.
15. Clamp lines, disconnect infusion, and connect 50ml sodium chloride 0.9% bag. Allow full contents of bag to run through at the same rate to ensure all drug is flushed through the giving set.

Refer to patient information with vials for further information.