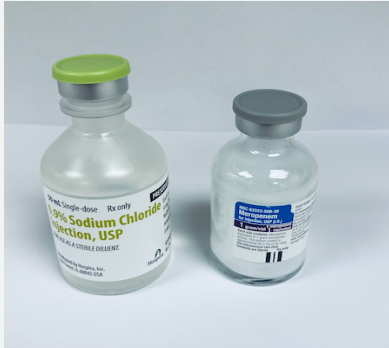




Medication Dispensary



Step-by-step:

- Ensure you have all the materials necessary to reconstitute the medication
 - Meropenem vial, 50 mL normal saline vial, 50 mL sterile glass vial, alcohol swab, syringe, needle
 - If your needle is not already connected to the syringe, twist the needle onto your syringe with the needle cap still attached
- Remove any vial coverings and wipe all vial tops with an alcohol swab
- Reconstitute the meropenem vial with 20 mL of normal saline
 - To complete this step, with the needle cap still on, pull up air in your syringe to the 20 mL line
 - Inject this into the normal saline vial by inserting the needle into the rubber top with the bevel facing up towards you
 - Once the needle is inserted and the air has been injected, tilt the vial upside down and withdraw 20 mL worth of normal saline
 - Withdraw your needle from the vial of saline
 - With your 20 mL of normal saline, insert the needle into the meropenem vial and inject the entire contents of the syringe
 - You may receive pressure pushback from additional air, allow the air to push back into the syringe after injecting the normal saline and withdraw the syringe
- Shake to dissolve the powder and let stand until the solution is clear
- Remove all the contents from the meropenem vial and transfer to the empty 50 mL sterile glass vial
 - Utilize the same technique as with the normal saline
 - There should be ~20 mL of liquid to remove
 - If you receive pushback while injecting this into the 50 mL sterile vial, allow the air to push back into the syringe after injecting the contents and withdraw the needle
- Draw up the remaining 30 mL of normal saline and inject into the 50 mL sterile glass vial to reach a final concentration of 20 mg/mL of medication
 - Utilize the same technique as before to remove the 30 mL of normal saline
 - If you receive pushback while injecting this into the 50 mL sterile vial, allow the air to push back into the syringe after injecting the contents and withdraw the needle
- The reconstituted injectable meropenem should be stored in the **refrigerator for a maximum of 5 days**

Check out this
helpful video!



VETERINARY TEACHING HOSPITAL

Large Animal Clinic

Emergency, specialty, and primary care for horses and farm animals
1102 W. Hazelwood Drive, Urbana
(217) 333-2000

Small Animal Clinic

Emergency and specialty services for small companion animals
1008 W. Hazelwood Drive, Urbana
(217) 333-5300

South Clinic

Health and wellness care for dogs, cats, and zoological pets
2100 Goodwin Avenue, Urbana
(217) 244-2555

Midwest Equine

Equine-only practice that provides equine veterinary and farrier services
20844 Cumberland Road, Farmer City
(309) 928-2127