

How to prepare Ceftazidime 1g and 2g

Information

1. Diluent for reconstitution: Water for Injection
2. Volumes for reconstitution: 1g vial = 10ml / 2g vial = 10ml, 3g (1g+2g) = 20ml
3. Administration: Inject slowly over 3 - 5 minutes
4. Storage requirements: Protect unopened vials from light and heat and store below 25°C

Do not mix with tobramycin.

Equipment

10ml Water for Injection
Ceftazidime vial (1g or 2g)
10ml syringe(s)
Green needle(s)
Venting needle
Sterile alcohol wipes

Procedure

1. Check drug, dose and expiry date
2. Wash hands thoroughly
3. Ensure preparation area is clean
4. Swab top of vial with an alcohol wipe; allow to dry for one minute
5. Take ampoule(s) of water for injection and open
6. Using 10ml syringe(s) and green needle(s) withdraw correct amount required - see volumes for reconstitution above
7. Inject required amount water into vial(s) of ceftazidime
8. Shake vial to dissolve: carbon dioxide (gas) is released and a clear solution will be obtained in about 1 - 2 minutes. Make sure no particles are present (If particles are present, discard vial)
9. Place venting needle into vial (gas will be released)
10. Using 10ml syringe(s), with the plunger fully depressed and green needle, insert needle into the vial, invert the vial and withdraw total volume of solution into the syringe.
11. Tap syringe gently to allow any air bubbles to travel to the top of the syringe(s)
12. Remove any air bubbles in syringe(s)
13. Label syringe(s)