

How to prepare Tigecycline Infusion

Information

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| 1. Diluent for reconstitution: | 5.3 ml water for Injection |
| 2. Final volume: | 100 ml |
| 3. Administration: | Administer over 30 – 60 minutes |
| 4. Storage requirements: | Protect unopened vials from light and heat and store below 25 °C |

Equipment

10 ml water for Injection
100 ml bags of sodium chloride 0.9 %
Tigecycline 50 mg vial
5 ml and 10 ml syringes
Green needle(s)
Venting needle (optional)
Sterile alcohol wipes
IV giving sets or B.Braun Easypump II infusion bags, if available plus 50 ml syringes

Never inject this drug neat, it must be given by infusion.

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 5.3 ml water for injection exactly and add to 50 mg vial of tigecycline. Allow to dissolve. This gives a 10 mg/ml solution.
8. Using the 5 ml syringe, draw up the correct dose from the vial (30mg = 3ml, 40mg = 4ml, 50mg = 5ml).
9. Add the dose to a 100 ml bag of sodium chloride 0.9 %.
10. Invert the bag several times to ensure it is well mixed.
11. Attach a giving set to the bag, ensuring it is clamped shut.
12. Hang bag at a height above you head and prime the line as you have been directed.
13. If using B.Braun Easypump II infusion devices, draw up full contents of bag in to two 50 ml syringes and add to the Easypump II as directed.
14. Swab you IV line connector and allow to dry for 1 minute.
15. Attach giving set and open clamps on both lines. Or, connect the Easypump to your Gripper needle and allow to infuse.
16. Infuse over 30 – 60 minutes as directed.

Refer to patient information with vials for further information. Please get in touch if you have any questions about giving this medicine.