

COpAT

Self-administering your bolus IV antibiotics (Ceftriaxone 2g)

Working with the COpAT team, you or your family or carer will administer your own medicine at home. You will be offered a suitable vascular access device which will remain for the length of your treatment.

Complete the table below to record your daily checks before administering medicine via your device:

| Date | Is there any redness or rashes around the line? | Has the length of the line changed since insertion? | Is there any leaking around the securacath (orange clip)? | Is there any swelling to the arm? |
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If you answer yes to any of the above, call the COpAT team on 024 7696 4125, Monday to Friday, 8am to 4pm.

For any concerns out of hours, contact 111. In case of emergency, call 999. Inform them that you are under the care of the COpAT team.



Patient Information

Equipment you'll need to self-administer/disconnect:

- Ceftriaxone vial (as per prescription)
- 20 ml water for injection
- 10ml syringe
- 20 ml syringe
- 1 x dressing pack
- 2 x 10 ml saline flush (Sterile posi-flush)
- 2 x alcohol wipe
- Apron and gloves
- Sterile gloves
- Alcohol rubbing gel (if you touch anything mid-procedure, you can use alcohol gel to ensure your hands are clean)
- Sharps bin
- Plastic treatment tray
- Surface wipes

Dressing pack



Saline Flush



Water for injection



Alcohol wipe



Apron



Gloves



Patient Information

Sterile Gloves



Alcohol rubbing gel



Plastic treatment tray



Sharps bin



Surface wipes



20ml Syringe



Red needle



10ml Syringe



All images have been produced by the trust.

Patient Information

Step by step guide to administering your medication:

1. Check your IV device and entry site for signs of pain, infection, redness, swelling, tenderness, or leakage. If you see any of the above, please stop and contact your COpAT team.
2. Assemble the equipment and medicine required. Check all equipment is intact and in date. Check the medicine is not discoloured or cloudy.
3. Clear a space within your home environment that can be disinfected and is free from dirt, dust, or clutter.
4. Clean your treatment tray using an alcohol wipe.
5. Wash your hands with soap and water.
6. Put your gloves and apron on.
7. Remove the 20ml syringe and red needle from their packaging.
8. Connect the red needle to the 20 ml syringe.
9. Break the seal on the water for injection ampoule and insert the red needle. Draw up 20ml of the water for injection into the syringe. Take special care to ensure the removal of air bubbles in the syringe.
10. Remove plastic cap from the Ceftriaxone vial and insert the syringe and needle into the rubber top of the vial. Slowly administer the water for injection into the Ceftriaxone vial.
11. Gently roll the vial in your hands to mix the medicine, taking special care to check the medication is not discoloured or cloudy.
12. Once reconstituted, withdraw the Ceftriaxone solution from the vial into the 20ml syringe and remove the red needle. Place the syringe in the tray so this is accessible. Take special care to ensure the removal of air bubbles in the syringe.
13. Open the outer cover of the sterile dressing pack and slide the contents onto the cleaned treatment tray.
14. Touching only the corners of the sterile drape, open this up to cover the tray.
15. Open 10ml syringe packaging and place in the tray without touching the syringe.
16. Open the saline flush packaging and place in the tray without touching the flush.
17. Open the second alcohol wipe packaging and place in the tray without touching the wipe.
18. Put on sterile gloves (as demonstrated by health professional).

Patient Information

19. Using the second of the alcohol wipes, scrub the hub for 30 seconds and allow to dry.

20. Unclamp the line – **If you have a midline in situ, skip to number 22. If you have a PICC line, continue to number 20. The COpAT team will identify your line to you during your training.**

21. Using the 10ml syringe, attach to your IV device and withdraw 1 – 2mls of blood. Clamp the line and discard of the syringe. **If you are unable to withdraw the blood required during working hours call the COpAT office whereas, out of hours please call 111 to seek advice.**

22. Unclamp the line.

23. Taking special care to ensure the removal of air bubbles in the syringe first and then use the pulsatile flushing technique (stop/start) to administer 10 mls of 0.9% sterile saline flush.

24. Connect the Ceftriaxone syringe to your IV device.

25. Slowly administer the Ceftriaxone over 5 minutes

26. Using the pulsatile flushing technique (stop/start) administer 10 mls of 0.9% sterile saline flush.

27. Clamp the line.

28. Clean away any of your sharps into the sharp bin provided.

29. Dispose of all other waste into rubbish bin

We will teach you this process before you administer your first dose alone. You will also have the opportunity to video yourself on your own device to have for future record. There is also a helpful video on the process at

<https://opat.baxterhealthcare.co.uk/patient/how-self-administer-antibiotic-infusions-home>

Please ask at any step of the way if unsure.

Can you undertake daily activities?

Repetitive daily activities such as ironing, golf, and bowling as well as the use of saunas, steam rooms and swimming pools are not allowed. Please ask the COpAT team if you're unsure.

Can you continue to work?

This will be discussed with you on your initial assessment.

Patient Information

What happens if you are admitted to hospital during your treatment?

The hospital will care for and use your line.

What happens at the end of treatment?

A nurse will remove the line when your course of IV treatment is finished. A dry sterile dressing will be applied. This can be removed after 24 hours.

COpAT team

Monday to Friday, 8am to 4pm

024 7696 4125

For any concerns out of hours, contact 111. In case of emergency, call 999. Inform them that you are under the care of the COpAT team.

The Trust has access to interpreting and translation services. If you need this information in another language or format, please contact 024 7696 4125 and we will do our best to meet your needs.

The Trust operates a smokefree policy.

Did we get it right?

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www.uhcw.nhs.uk/feedback



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