

COpAT

Self-administering your IV antibiotics via an Elastomeric pump

Working with the COpAT team, you or your family or carer will administer your own medicine at home. You'll 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?

If you answer yes to any of the above, please call the COpAT team:
024 7696 4125.



Patient Information

Equipment you will need to self-administer/disconnect:

- Elastomeric pump
- 1 x dressing pack
- 1 x 10 ml saline flush
- 2 x Alcohol wipe
- Apron and gloves
- Sterile gloves
- Alcohol rubbing gel (if you touch anything during the procedure, you can use alcohol gel to make sure your hands are clean)
- Sharps bin
- Plastic treatment tray
- Surface wipes

Dressing pack



Elastomeric pump



Saline Flush



Alcohol wipe



Apron



Gloves



Patient Information

Sterile gloves



Alcohol rubbing gel



Plastic treatment tray



Sharps bin



Surface wipes



20ml Syringe



Red needle



10ml Syringe



Step by step guide to administering your medicine:

1. Check your IV device and entry site for signs of pain, infection, redness, swelling, tenderness, or leakage. If you have any of the above, please stop and contact your COpAT team.
2. Assemble the equipment and medicine needed. Check all equipment is intact and in date. Take special care to check the medicine is not discoloured or cloudy.

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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. Open the outer cover of the sterile dressing pack and slide the contents onto the cleaned treatment tray.
8. Touching only the corners of the sterile drape, open this up to cover the tray.
9. Open your elastomeric pump packaging and place it in the tray without touching the device.
10. Open 10ml syringe packaging and place in the tray without touching the syringe.
11. Open the saline flush packaging and place it in the tray without touching the flush.
12. Open the second alcohol wipe packaging and place it in the tray without touching the wipe.
13. Put on sterile gloves (as demonstrated by a healthcare professional).
14. Unclamp the line – **If you have a midline in situ, skip to number 15. If you have a PICC line, continue to number 14. The COpAT team will identify your line to you during your training.**
15. 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.**
16. 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.
17. Clamp the line
18. Using the second of the alcohol wipes, scrub the hub for 30 seconds and allow to dry.
19. Always leave the bionector on.
20. Pick up your elastomeric pump. Make sure that the cap on the top of the pump is in place.

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21. Remove the bung from the end of the elastomeric pump line and ensure the extension line is primed. A bead of fluid should be visible at the end of the line.
22. Connect the pump to your IV device to administer your IV drugs.
23. Unclamp
24. Clean away any of your sharps into the sharp bin provided.
25. Dispose of all other waste into rubbish bin.

We will teach you this process before you administer your first dose alone. You'll 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>

Step by step guide to disconnecting your pump:

1. Assess your IV device and entry site for signs of pain, infection, redness, swelling, tenderness, or leakage. If any of the above are present, stop and contact your COpAT team.
2. Assemble the equipment needed. Check all equipment is intact and in date.
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 apron on.
7. Open the outer cover of the sterile dressing pack. Slide the contents onto the cleaned treatment tray.
8. Touching only the corners of the sterile drape, open this up to cover the tray.
9. Open the saline flush packaging and place in the tray without touching the flush.
10. Open the alcohol wipe packaging and place in the tray without touching the wipe.
11. Put on sterile gloves.
12. Always leave the bionector on.

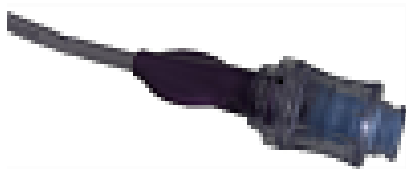
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13. Clamp the line.
14. Disconnect the Elastomeric pump from your IV device.
15. Using the second of the alcohol wipes, scrub the hub for 30 seconds and allow to dry.
16. Unclamp the line.
17. Using the pulsatile flushing technique (stop/start), administer 10 mls of 0.9% sterile saline.
18. Clamp the line.

If replacing with a new pump, return to action number 17 on the step-by-step guide to administering your medicine above.

Key words

Hub (end of the bioconnector)



Bioconnector



Clamp



Cap



Bung



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.

Are you able to shower with your pump in place?

Yes. Your pump can get wet, but it is recommended that it should not be submerged in water. We advise buying a suction cup shower hook to hang your pump on whilst showering so it stays at waist height position.

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.

Please ask at any step of the way if you're unsure.

If you have a problem at home

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.

All images used have been produced by the trust.

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.

Patient Information

Did we get it right?

We would like you to tell us what you think about our services. This helps us make further improvements and recognise members of staff who provide a good service.

Have your say. Scan the QR code or visit:

www.uhcw.nhs.uk/feedback



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