



Standard Operating Procedure for Assessing a Central Venous Catheter (CVAD) for Medication Administration

Introduction

Central Venous Catheters must be accessed using an aseptic technique by staff members qualified in IV therapy.

Purpose

This standard operating procedure describes the operations followed when accessing a central venous catheter to administer medication

Equipment Required

- Sterile Dressing Pack
- 4 x 10ml luer lock syringes
- 1 x 5/2.5ml luer lock syringe
- Sterile gloves
- 2% Chlorhexidine wipes x 10
- 2 x vials of Sodium Chloride 0.9%
- 3 x green needles
- Line locking agent
- Medication required
- Sharps Container

1. Wash hands

2. Clean work surface and dry
3. Gather equipment required
4. Wash hands for a minimum of 60 seconds
5. Open dressing pack, take the corners and access sterile field with minimal touching
6. Open all syringes, needles, Chlorhexidine 2% wipes and gloves and drop onto sterile field.
7. Place locking agent, sodium chloride 0.9% and medication on work surface
8. Wash hands thoroughly for a minimum of 60 seconds
9. Put on sterile gloves
10. Attach green needle to 3 x 10ml syringes
11. Take a Chlorhexidine 2% wipe and clean surface of Sodium chloride, avoid gloves coming into contact with sodium chloride and open bottle
12. Take 10ml syringe and needle and draw up 10mls of sodium chloride. Discard wipe and bottle, discard needles into sharps container
13. Repeat for second 10ml syringe
14. Take another 10ml syringe and draw up prescribed dose of medication required (refer to monograph to ensure correct way to administer medication)
15. Take a Chlorhexidine 2% wipe and clean surface of locking agent avoid gloves coming into contact with the bottle, take 5ml syringe and draw up prescribed amount discard wipe and vial, discard needle into sharps container
16. Cover trolley with sterile drape during transfer to patient
17. Once at patient place sterile drape underneath lines

18. Take a new Chlorhexidine 2% wipe and clean the Tego connector for 10 seconds allow drying for 20 seconds
19. Take clean Chlorhexidine wipe and hold line, attach empty 10 ml syringe open arterial clamp and withdraw 2 ml lock and discard
20. Attach 10ml syringe of saline to lumen and flush line
21. Take medication and slowly administer (refer to monograph for speed of administration)
22. Attach 10ml syringe with Sodium Chloride and flush the line using pulsing motion
23. Take 5ml syringe of locking agent and flush line using a pulsing motion and clamp quickly as soon as volume infused.
24. Clean tegos of any blood and ensure bungs tight and secure