

Clinical Skill: Cannulation

Mr James Beverly has presented to the emergency room with hypotension and fever.

Please insert a cannula for this patient and verbalise what you are doing during each step.

Please communicate with the examiner/simulated patient but perform the skill on the manikin (or if equipment is not available, please verbally state in the correct order, all the steps you would do to complete this skill)

This station will last 10 minutes.

Cannulation Examiner Marksheet

Step	Mark
1. Student introduces themselves	
2. 3 points of ID checked + safety checks completed	
3. Checked for allergies	
4. Explains the procedure clearly avoiding the use of jargon. Must explain the specific risks and benefits of doing this procedure.	
5. Gains informed consent	
6. Check relevant past medical history and drug history, such as coagulopathies, needle phobia and anticoagulant use	
7. Apply PPE	
8. Clean trolley and tray	
9. Gather equipment: sharps bin, 10 ml ampoule of 0.9% sodium chloride which has been checked by 2 practitioners, chlorhexidine, 10ml syringe, blunt fill needle, bio-connector, tourniquet, and a cannulation pack	
10. Prescribe the 0.9% sodium chloride flush in the appropriate location	
11. Clean the head of the ampoule for 15 seconds	
12. Open the packaging of the syringe and needle using ANTT, attach both pieces together and replace in the needle packaging	
13. Break the ampoule and draw up 10ml of fluid	
14. Discard the needle in the sharps bin and expel any air from the syringe	
15. Open the bio-connector package using ANTT and flush it with 1ml sodium chloride. Return the syringe to the sterile packaging	
16. Open the cannula pack and maintain the sterile field	
17. Place the patient's arm on the sterile field and apply the tourniquet	
18. Find a palpable vein, release the tourniquet and clean the area using a cross-hatch technique for 30 seconds	
19. Open the cannula needle packaging, remove the plastic sheath, and flatten the wings	
20. Appropriately hold the needle and anchor the skin → advance the cannula at a 25-30° angle	
21. Observe for flashback 1	
22. Observe for flashback 2 → at this point keep advancing the cannula but keep the needle still	
23. Remove the tourniquet and then remove the needle	
24. Dispose the needle into a sharps bin and appropriately apply the cannula dressing	
25. Attach the bio-connector and push 5ml of 0.9% sodium chloride, checking for swelling and asking the patient if they have any pain	
26. Document appropriately using the cannula pack sticker	