



Subcutaneous Injection Skills

Aim: At the end of this practice, the participant will be able to perform subcutaneous injection without harming the patient.

Tools: Medicine, antiseptic solution (alcohol, baticon etc.), cotton/sterile sponge, disposable sterile syringe (insulin syringe preferred), non-sterile gloves, tray.

STEPS

1. Wash your hands
2. Explain the procedure to the patient
3. Open package of liquid set
4. Place the solution bottle to plastic hanger
5. Remove a plastic cap of the solution bottle
6. Push swiftly the terminal part of the liquid set into exactly the middle of bottle's rubber seal
7. Close the flow adjuster spool or metal clamp
8. Hang the solution bottle to the liquid strap by upsiding down
9. Open the air cap of the liquid set
10. Fill up half of the liquid set with solution by squeezing the dropper of the liquid set by your index finger and thumb
11. Remove the air by passing the solution through liquid set after opening the flow adjuster spool, and then close the adjuster
12. Hang the end part of the liquid set via liquid strap until affixing the patient
13. Prepare the tapes will be used to fix the intraket
14. Write the date, time and name of the practising people on one of the tapes
15. Put on gloves
16. Give an appropriate position to the patient
17. Lay out treatment dressing under the appropriate region
18. Look for a suitable vein
19. Choose an appropriate intraket
20. Open the intraket package
21. Apply tourniquet 10-15 cm above the attempting vein to ensure not to obstruct arterial flow
22. Cleanse the region to be attempted from top to bottom with an antiseptic swap
23. Remove intraket cap
24. Stabilize the vein by pulling the skin taut in the longitudinal direction of the vein. Do this with the hand you are not going to use for inserting the needle
25. Insert the intraket at an angle of 15° under 1cm below the region of the vein to be entered by facing the tip of intraket upward
26. Advance the intraket along the vein until seeing the blood at the end of intraket
27. Pull back the inner needle of intraket 1cm with your active hand while repressing the top of the vein by thumb of your passive hand
28. Push the outer plastic part along the vein until the end of its
29. Loosen tourniquet
30. Remove the metal needle in the intraket completely
31. Remove the protective part of the set without moving your hand which press the vein
32. Place the connector of the intraket to the end part of the set
33. Forward the solution swiftly for a short period of time by opening the metal clamp or flow adjuster spool of the liquid set
34. Fix the intraket by tapes
35. Adjust the flow rate