



IV solution preparation, adding medications to the container

Employee Name: _____ ID Number: _____

Clinical Educator Name: _____ ID Number: _____

Competency outcome statement: The nurse/ midwife will demonstrate competent in transforming all the principles of policy & procedure according to Al-Kindi Hospital. For each item listed below, place a check mark in one of the columns indicating your evaluation of the Nurse clinical performance.

Scale:

E: Excellent (mastering the procedure)/ **U:** Unsatisfactory (needs practice)/ **NP:** Not Performed

IV solution preparation, adding medications to the container	E	U	NP
1. Avoid distractions and interruptions.			
2. Review the practitioner's order.			
3. Reconcile the patient's medications when the practitioner orders a new medication.			
4. Review your facility's list of approved parenteral medications and solutions.			
5. Check for an allergy or a contraindication. If one exists, don't administer the medication; instead, notify the practitioner.			
6. Verify that the medication is compatible with the prescribed IV solution and any secondary solutions.			
7. Use a clean, uncluttered, quiet area to prepare the infusion.			
8. Perform hand hygiene.			
9. Gather the prescribed medication, IV solution, and supplies.			
10. Compare the medication and IV solution labels with the order in the patient's medical record.			
11. Check the medication's expiration date; if it has expired, obtain new medication.			
12. Inspect the IV solution container and medication visually; don't administer them if their integrity is compromised.			
13. Check ports and seals on the IV solution container for damage or leaks; replace the solution if damage or leaks are present.			
14. Discuss any unresolved concerns about the medication with the practitioner.			
15. Calculate the dose you're to give; have another nurse double-check your calculations if necessary.			
For medication from a vial			
16. Remove the medication vial's lid.			
17. Perform a vigorous mechanical scrub of the vial stopper; allow it to dry completely.			
18. If you must dilute the medication, perform a vigorous mechanical scrub of the port of the diluent container using an antiseptic pad, allow it to dry completely, and then withdraw the needed volume of diluent.			
19. Using sterile technique, inject the appropriate amount of diluent into the vial and mix it thoroughly with the medication.			



20. Perform a vigorous mechanical scrub of the vial stopper; allow it to dry completely.			
21. Attach a sterile needleless transfer device to the medication vial.			
22. Attach the syringe to the needleless transfer device; withdraw the medication from the vial.			
For medication from an ampule			
23. Attach a 5-micron filter needle to the syringe.			
24. Disinfect the neck of the glass ampule thoroughly; allow it to dry.			
25. Break the ampule, insert the filter needle into the ampule, and withdraw the medication.			
26. Replace the filter needle with a sterile needleless transfer device.			
27. Discard the needle and the top and bottom of the ampule in a puncture-resistant sharps container.			
Completing the procedure			
28. Perform a vigorous mechanical scrub of the injection port of the IV infusion container; allow it to dry completely.			
29. Using sterile technique, add the medication to the IV solution container.			
30. Agitate the IV solution container gently.			
31. Label the IV solution container.			
32. Administer the IV infusion, as ordered.			
33. Discard used equipment in appropriate receptacles.			
34. Perform hand hygiene.			
35. Document the procedure			
Competency References: Lippincott procedures 2020			

Total: 35 items

Achieved:

Expected (100%)

(Demonstrates above average knowledge and performs at a high level of skill)

Below expectation (90 – 80 %)

Perform with minimal knowledge for safe practice. Requires close supervision

Please explain below. → Need practice & Reassessment needed

Unacceptable (79% & below)

Demonstrate inadequate knowledge and skill for safe practice. Please explain below.

→ Need theory & practice; Reassessment needed

Clinical Instructor / Preceptor Comments:

Al-Kindi Hospital
Amman - Jordan



مستشفى الكندي
عمان - الأردن

Continuous Education & Training

قسم التدريب والتعليم المستمر

Nurse Name & ID No

Signature

Date

Preceptor's/Head Name & ID No

Signature

Date