

Intravenous Injection and Line Checks on a Mannequin

Experiment 12 - Practical Notes

Name: _____ Roll no.: _____ Date: _____

Aim

To complete the named injection or vaccination activity using training equipment.

Principle

IV administration requires a verified order, compatible product, patent access and the prescribed rate and monitoring.

Key Points

- Use only a dummy IV trainer; no cannulation or administration on classmates.
- Check medicine dilution/compatibility and line identity against the authorised order.
- Patent access and absence of site complications are verified by trained staff.

Activity Procedure

1. Verify

Check fictional person, order, drug, concentration, route, rate and allergies.

2. Review line

On the trainer, identify the access and correct compatible connection.

3. Simulate

Use the approved aseptic connection and administration demonstration; no universal rate is assumed.

4. Monitor

Discuss the required observation for reaction, infiltration/extravasation and line/site concerns.

5. Record

Enter the simulation checks and handover.

Record and Observations

Order / product / route	_____
Equipment / site check	_____
Aseptic technique / simulation	_____
Disposal / documentation	_____

Result

Complete the record using your activity, then state the findings, the action required and the reason for that action.

Precautions

- Qualified supervision and dedicated training equipment are required.
- Do not use classroom demonstration material for patient administration.

Viva Questions and Answers

1. Why use a mannequin?

The syllabus activity assesses technique without administration to people.

2. Why follow product-specific directions?

Routes, preparation, equipment and aftercare can differ.

3. What must be recorded?

Verified order/product, route/site, checks, observed technique and any correction.

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