

Demonstration of Nebulizer

Experiment 29 - Practical Notes

Name: _____ Roll no.: _____ Date: _____

Aim

To demonstrate the correct use of a nebulizer with a dummy product or trainer.

Principle

A nebulizer delivers an aerosol from a prescribed compatible liquid using the specified equipment.

Key Points

- Check prescribed medicine, concentration and volume.
- Use only compatible product and equipment instructions.
- Cleaning reduces contamination; a nebulizer is not a general substitute for every inhaler.

Activity Procedure

1. Assemble

Identify cup, tubing, compressor or other source and mouthpiece/mask.

2. Load trainer

Place demonstration liquid in the cup as the device instructions permit.

3. Demonstrate

Show upright positioning, appropriate breathing and the device-defined end of the treatment.

4. Clean

Follow manufacturer disassembly, cleaning, drying and storage instructions.

Community Pharmacy and Management

Record and Observations

Product / trainer model	_____
Preparation check	_____
Observed technique / correction	_____
Teach-back / storage	_____

Result

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

Precautions

- Use dummy products or a designated trainer.
- Follow the specific manufacturer instructions and stop if the demonstration causes discomfort.

Viva Questions and Answers**1. Why identify the exact product?**

Preparation and use can differ between devices and formulations.

2. Why use a trainer?

It allows technique assessment without medicine administration.

3. What confirms understanding?

The learner correctly demonstrates and explains the steps.

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