

Hospital Pharmacy Software and Digital Health Tools

Experiment 14 - Practical Notes

Name: _____ Roll no.: _____ Date: _____

Aim

To demonstrate a fictional hospital medicine workflow and reconciliation record.

Principle

Hospital software connects orders, clinical checks, dispensing, stock, administration and patient records; staff remain responsible for verification.

Key Points

- Use a training account and dummy information only.
- Review allergies, medicines, clinical parameters and alerts before a virtual issue.
- Trace batch, expiry and controlled access to stock records.
- Digital handover and reconciliation need clear, secure documentation.

Practice Scenario

Fictional stock exercise: opening 200 units, receipts 80, issues 45 gives 235 units before documented adjustments.

Activity Procedure

1. Enter order

Use fictional identifiers and an instructor-approved medicine order.

2. Review

Check order completeness, relevant results, allergies and interaction alerts.

3. Issue virtually

Select the correct product, batch/expiry and label; record the virtual transaction.

4. Reconcile

Compare pre-admission, current and discharge lists in the supplied case.

5. Handover

Document authorised changes and follow-up in the training record.

Record and Observations

Order / clinical check	_____
Alert / authorised outcome	_____
Product / batch / expiry	_____
Reconciliation discrepancy	_____
Handover / follow-up	_____

Result

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

Viva Questions and Answers

1. What is medicine reconciliation?

A structured comparison of medicine lists to identify and resolve discrepancies.

2. Why log changes?

It supports traceability and safe handover.

3. Does software remove the need to check?

No; data and alerts still require qualified review.

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