Data-collection Tool and Pilot Review

Experiment 5 - Practical Notes

Name: _____ Roll no.: _____ Date: _____

Aim

To complete the data-collection tool and pilot review stage of a supervised pharmacy-practice project.

Principle

A consistent collection tool makes each variable interpretable and reduces avoidable errors. A pilot tests the tool within the approved permissions.

Requirements

- Supervisor-approved project topic, institutional requirements and authorised project documents.
- Project record and analysis tools appropriate to the approved design.

Procedure

1. Create the form

Align every field with an objective and define permitted entries and units.

2. Write a data dictionary

State variable name, definition, code values and missing/unknown codes.

3. Pilot as approved

Use a small authorised pilot or fictional record exercise to assess clarity; do not count fictional entries as study data.

4. Review problems

Identify ambiguous questions, missing fields and excessive collection.

5. Revise with review

Record tool version and approved changes before final collection.

Observations and Record

Project record item	Entry
Tool version	_____
Variable / coding dictionary	_____
Pilot type and permission	_____
Problems found	_____
Reviewed revision	_____

Result

Project stage: ____. Completed record: ____. Supervisor feedback: ____. Next action: ____.

Precautions

- This is a project-work guide and blank record, not a completed research study or an approval certificate.
- Use only authorised data and keep participant identifiers separate from the analysis dataset.
- Report actual findings, protocol departures and limitations; never fill missing data with invented observations.

Viva Questions and Answers

1. Why specify the question before collecting data?

The question determines design, measures and the intended analysis.

2. What makes the project reviewable?

An approved plan, traceable data, an appropriate analysis and an honest account of limitations.

First Hope

COMPLETE NOTES

Click here to visit our website

PHARMACY PRACTICAL NOTES

Complete subject and semesters are available on FirstHope app only.

Scan or click here

Click here to get the app >

Available on Google Play

JOIN THE FIRSTHOPE COMMUNITY

Join our Telegram channel

Click here to join Telegram >

Scan or click here

@FirstHopeNotes

Instagram

@firsthope.official

Click here to follow >

YouTube channel

FirstHope-Pharmacy / Live streams

Click here to watch >

WhatsApp channel

Follow FirstHope on WhatsApp

Click here to join >

FirstHope website

firsthope.co.in

Click here to visit >

B.Pharm / D.Pharm / M.Pharm / Pharm.D

Complete subjects and semesters are available in the FirstHope app.