

Intramuscular Injection Technique on a Mannequin

Experiment 10 - Practical Notes

Name: _____ Roll no.: _____ Date: _____

Aim

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

Principle

IM administration places an approved product into a muscle; site and equipment depend on product, age and individual factors.

Key Points

- Use a dummy syringe and dedicated injection pad.
- The trained instructor confirms site, needle choice and product directions.
- IM entry is normally perpendicular (90 degrees) in the selected training method.

Activity Procedure

1. Check

Confirm fictional order, medicine, dose, route, allergy and equipment.

2. Landmark

Identify the instructor-approved anatomical site on the model.

3. Simulate

Show the approved skin preparation and IM sequence on the pad, following product-specific instructions.

4. Finish

Demonstrate immediate sharps disposal and record site, product and activity.

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.

Continue Learning with FirstHope

Complete Notes on the FirstHope App

Complete subject and semesters are available on FirstHope app only.

- Get complete subject and semester notes in the FirstHope app.
- Available for B.Pharm, D.Pharm, M.Pharm and Pharm.D students.

[Click here to get the FirstHope app](#)

Join the FirstHope Telegram Channel

Join FirstHope Notes and keep up with channel updates.

[Click here to join Telegram](#)

Instagram

@firsthope.official

[Click here to follow Instagram](#)

YouTube Channel

FirstHope-Pharmacy / Live streams

[Click here to watch the YouTube channel](#)

WhatsApp Channel

Follow FirstHope on WhatsApp.

[Click here to join the WhatsApp channel](#)

FirstHope Website

firsthopenotes.com

[Click here to visit the website](#)