Blood Collection in Experimental Models - Conceptual Record

Experiment 6 - Practical Notes

Name: _____ Roll no.: _____ Date: _____

Aim

To understand and record the stated experimental-pharmacology concept.

Principle

A collection method is selected according to the scientific endpoint, material required and authorised professional protocol.

Key Points

- Distinguish venous, arterial and capillary material conceptually.
- Match anticoagulant, collection time and handling to the planned assay.
- Use diagrams and supplied virtual collection records only.
- This activity does not include animal restraint, puncture or collection.

Activity Procedure

1. Review scenario

Read the fictional test request and required specimen type.

2. Review virtual record

Identify collection category, labelled tube, time and handling details.

3. Assess quality

Identify missing labels, clotting, haemolysis or timing problems in the supplied record.

4. Report

Explain whether the fictional material is suitable for the stated measurement.

Record and Observations

Field	Teaching record
Model / instrument / route	_____
Endpoint / units	_____
Relevant control	_____
Interpretation / limitation	_____

Result

The concept was explained and the teaching record completed. Key finding: _____. Limitation: _____.

Viva Questions and Answers

1. Why record collection time?

Drug concentration and physiological values may change with time.

2. Why identify anticoagulant?

It can affect specimen suitability and assay results.

3. What is the student activity?

Assessment of images and virtual records, without collection.

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