

Chlorpromazine - Behavioural Demonstration Data

Experiment 26 - Practical Notes

Name: _____ Roll no.: _____ Date: _____

Teaching mode: use approved simulation, prepared demonstration records or supplied experimental data.
No live-animal dosing, surgery or challenge is prescribed in these notes.

Aim

To assess supplied behavioural records labelled as a taming demonstration

Principle

A behavioural change can reflect sedation, altered reactivity or movement impairment. A descriptive endpoint must be interpreted within its model.

Requirements

- Instructor-provided labelled diagrams, traces or data for this activity.
- Calculator, graph paper or spreadsheet, and the activity record.

Procedure

1. Define the endpoint

Record predefined reactivity and movement scores and its units or scale definition.

2. Read and compare

Read scale definitions and compare reactivity with movement/coordination observations; no live interaction challenge is performed.

3. Present the evidence

Create a labelled table or graph with all supplied groups and time points; preserve replicate values.

4. Assess the conclusion

State the direction/magnitude of the observed change, variation and the limitation of the model.

Observations and Record

Record item	Entry
Activity / material identifier	_____
Measurement or visible feature	_____
Comparison / calculated outcome	_____
Interpretation and limitation	_____

Pharmacology II

Worked Example

The numbers below are illustrative; enter your own observations in the record.

- State score distributions and baseline-to-later differences using the defined scale.
- Illustration: a lower reactivity score accompanied by impaired movement requires a confounding assessment.

Result

The recorded finding is ____; the supporting observation or calculation is _____. The main limitation is _____.

Precautions

- Use the supplied teaching material; distinguish a measured observation from an assumed value.
- Keep units, axes, labels and measurement conditions consistent.
- Record limitations and seek instructor review before applying a conclusion to a live case.

Viva Questions and Answers

1. What is the measured endpoint?

Predefined reactivity and movement scores.

2. What prevents an overstatement?

Use the defined model, valid controls, variation and known confounders; do not generalise beyond the supplied evidence.

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