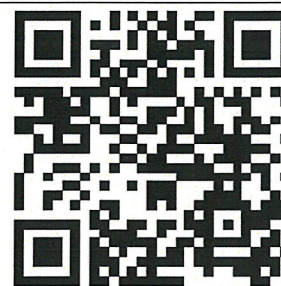




**GAWANDE COLLEGE OF  
PHARMACY.** Sakharkherda,  
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Department: Pharmacology

Name of the instrument: **Pole Climbing Apparatus.**

S.O.P. No.: GCP/PH/066

Stock Register No.: PH00-30/09

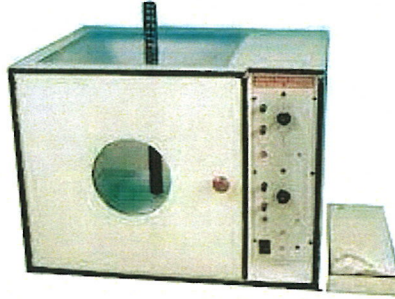
Effective date: 21/9/18

Review date: 29/9/18

**Procedure:**

Minimum 5 mice/ rats per experiment group.

- Mice/ rats are to be housed three per cage at least one week before the placing them to the test.
- On the day of testing mice/ rats should be scheduled to training by placing them inside Perspex of the chamber after 90 min. of drug treatment.
- After an accustomed period of five minutes to the chamber, a buzzer was given followed by shock through the grid floor. The rat had to jump on pole to avoid foot shock.
- Jumping on pole functionally terminates the shock and this was classified as an escape while such jumping prior to the onset of shock was considered as avoidance.
- The session was terminated after completion of trials with an interval of 20 to 30 sec. given for each trial.
- This procedure was repeated at 24 hours intervals until all groups reached 95-99% avoidance. After attaining complete training of a particular group the animal were treated with a single dose of scopolamine butyl bromide (1 mg/kg body weight I.P) to induce amnesia,, thirty minutes before the next day dosing.
- The training schedule was continued further with the daily doses of the test and vehicle until the mice/ rats returned level from scopolamine induced amnesia.



**Pole Climbing Apparatus.**

**Prepared by**

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