

ACUTE ORAL TOXICITY STUDY OF GARBHAPAL RASA IN MICE

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ABSTRACT

Objective: The aim of present study was to evaluate the acute toxicity of Garbhupal Rasa in mice.

Material and Method: Toxicity study was conducted on mice at a dose of 6.5 mg / 20 gm (10 TD) of body weight, p.o. Animals were observed for mortality and behavioral changes up to 48 hrs.

Result: The oral administration of Garbhupal Rasa at the highest dose (10 times) of Therapeutic dose resulted in no mortalities or evidence of adverse effects implying that Garbhupal Rasa is non toxic. Throughout 48 hrs of the treatment no hyperactivity, depression or abnormal behavior was seen. There was no cynosis, blanching or Inflammation of nasal tips, paws, eyes, ears & tail. No abnormal secretion from mouth, eyes & nose was seen. Autopsy study showed that, there was no enlargement of any organ. There was no swelling or inflammation of the organs and no external or internal bleeding was seen.

Conclusion: Garbhupal Rasa was administered to mice in at the highest dose (10 times) of Therapeutic dose. There were no signs and symptoms of toxicity observed even for 10 times the therapeutic dose. There was no mortality. The result of the study indicates Garbhupal Rasa is safe.

Keywords: Garbhupal Rasa, diarrhea, Acute toxicity, body weight, depression etc.
