

## **ACUTE ORAL TOXICITY STUDY OF SHEETAPRABHA IN MICE**

**Shree Dhootapapeshwar Ayurvedic Research Foundation (SDARF), Panvel, Raigad,  
Maharashtra-410206.**

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### **ABSTRACT**

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

**Material and Method:** In this study, three doses i.e. TD (2.6 mg/20 gm), 5 TD (13 mg/20 gm) and 10 TD (26 mg/ 20 gm) of Sheetaprabha were administered orally for 14 days.

**Result:** The oral administration of Sheetaprabha at the highest dose (10 times) of Therapeutic dose resulted in no mortalities or evidence of adverse effects implying that Sheetaprabha is non toxic. Throughout 14 days of the treatment no hyperactivity, depression or abnormal behavior was seen. There was no cyanosis, 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:** Sheetaprabha was administered to mice in three different doses. These doses were 2.6 mg/ 20 gm, 13 mg/ 20 gm, & 26 mg/ 20 gm. The maximum dose administered was 10 times the 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 that Sheetaprabha is safe.

**Keywords:** Sheetaprabha, Acute toxicity, safety etc.

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