

ACUTE ORAL TOXICITY STUDY OF ABHRAKA BHASMA (SHATAPUTI) IN MICE

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ABSTRACT

Objective: The aim of present study was to evaluate the acute toxicity of Abhraka Bhasma (Shataputi) in mice.

Material and Method: In this study the three doses i.e 0.65 mg / 20 gm, 3.25 mg / 20 gm & 6.5 mg / 20 gm of Abhraka Bhasma (Shataputi) was administered orally for 14 days. The equivalent human doses are 250 mg, 1.25 gm and 2.5 gm respectively. The maximum dose administered was 10 times the therapeutic dose.

Result: The oral administration of Abhraka Bhasma (Shataputi) at the highest dose (10 times) of Therapeutic dose) resulted in no mortalities or evidence of adverse effects implying that Abhraka Bhasma (Shataputi) is non toxic. Throughout 14 days of the treatment no hyperactivity, depression or abnormal behavior was seen. Urine output of test group animals was comparable to control group of animals & was normal. Also, there was no cyanosis, blanching or Inflammation of nasal tips, paws, eyes, ears, No abnormal secretion from mouth, eyes & nose was seen.

Conclusion: Overall, the results suggest that, the oral administration of Abhraka Bhasma (Shataputi) did not produce any significant toxic effect in mice

Keywords: Abhraka Bhasma (Shataputi), Acute Toxicity, body weight, depression etc.
