

ACUTE ORAL TOXICITY STUDY OF ENTOSTAAL TABLET IN MICE

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

ABSTRACT

Objective: To study the acute toxicity of Entostaal Tablet in mice.

Material and Method: In this study Entostaal Tablet was administered to both male and female mice in two different doses. These doses were 15 mg/ 20gm & 30 mg/ 20 gm. The equivalent human doses are 5.76 gm & 11.52 gm respectively. The maximum dose administered was 2 times the therapeutic dose.

Result: The oral administration of Entostaal Tablet at the high dose resulted in no mortalities or evidence of adverse effects implying that Entostaal Tablet is nontoxic. Throughout 14 days of the treatment no changes in behavioral pattern and body weight of mice in both control and treatment groups. There was no cyanosis, blanching or Inflammation of nasal tips, paws, eyes, ears & tail. Also, No abnormal secretion from mouth, eyes & nose was seen.

Conclusion: There were no sign and symptoms of toxicity observed in both male and female even for 2 times the therapeutic dose. Thus overall results indicate that, the oral administration of Entostaal Tablet did not produce any significant toxic effect in mice.

Keywords: Entostaal Tablet, Acute Toxicity, body weight, cyanosis, non-toxic etc.
