

ABSTRACT

This study demonstrated the teratogenic effects of asthma weed on *Mus musculus* offspring by applying the extract on the eyes and skin of the dams. The concentration varied among 100%, 50% and 25% in T₁, T₂, and T₃, respectively. The effects were manifested as bone malformations. When the lengths of vertebral column, forelimb, hindlimb, head, and the total length, as well as the body width, were measured, results revealed that there is a prominent decrease in length of the vertebral column and the total length of the offspring. Statistically, there are no significant differences in the length of the hind limb among the treatment groups. In addition, the study revealed that asthma weed is capable of inducing abortion at a high concentration even when administered topically.

