

RESEARCH PAPER

Anti-parkinsonian effect of *Aloe vera* juice in rodents

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Article Info : Received : 04.02.2018; Revised : 13.03.2018; Accepted : 26.03.2018

Parkinson disease is characterized by rigidity, tremors, shuffling gait and bradykinesia. At present, pharmacotherapy of Parkinsonism is limited mostly to symptomatic treatments that do not alter the course of the underlying disease. A number of medicines have been prescribed for treating this disorder particularly Levodopa. In Charak Sanhita, this disorder is named as Kampavata. Enormous numbers of compounds have been fractionated from plant sources for the treatment of Parkinson's disease. In the present study, an attempt was made to evaluate the anti-parkinsonian effect of *Aloe vera* juice using different experimental models. The powerful anti-oxidant activity possessed by *Aloe vera*, when coupled with the observations of the present study such as significant reduction in rigidity, hypokinesia and tremors of animals in different experimental models suggest promising anti-parkinsonian potential of *Aloe vera* juice.

Key words : Rigidity, Tremors, Bradykinesia, Parkinsonism

How to cite this paper : Parle, Milind and Rakha, Pankaj (2018). Anti-parkinsonian effect of *Aloe vera* juice in rodents. *Asian J. Bio. Sci.*, **13** (1) : 39-43. DOI : [10.15740/HAS/AJBS/13.1/39-43](https://doi.org/10.15740/HAS/AJBS/13.1/39-43).