

ORIGINAL RESEARCH

Effects of Nutmeg extract on learning in Wistar rats.

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Running title – Nutmeg extract and learning

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Abstract

Background

The current study has designed to investigate the effect of nutmeg extract on acquisition of working memory by using radial arm maze in wistar albino rats.

Materials and methods

Twelve albino rats were examined for the study. Rats were divided into two groups as control and nutmeg treated group. Experimental rats were given 1-2mg/kg body weight of nutmeg extract orally dissolved in milk for ten days. The control rats were given equal quantity of milk for 10 days without nutmeg extract. learning behaviour was assessed by radial arm maze.

Results

Nutmeg treated significant beneficial effect on learning behaviour when it compared with the control group.

Conclusion

The current study reported the effect of nutmeg in learning in albino rats.

Conflict of interest: None

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