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**Eleutherococcus effect on short-term memory and visual perception in healthy humans.**

Arushanyan EB, Baida OA, Mastyagin SS, Popova AP, Shikina IB

Department of Pharmacology, Stavropol Medical Academy, Stavropol 355024, Russia

A single dose of liquid Eleutherococcus extract considerably improves short-term visual memory in healthy young humans. The extent of this action depends on the daytime and psychophysiological characteristics of the volunteers. Administration of the preparation also changes light perception by increasing retinal sensitivity. This effect was more pronounced in the evening in individuals with a weak type of the higher nervous activity.

Key words: Eleutherococcus, memory, retina, light perception.