The effects of maternal deprivation on migraine headaches in adult male and female rats

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1. Despite the importance of social and physical factors in the management of migraine headaches, the role of maternal deprivation has not been sufficiently investigated in women of reproductive age. This study aimed to investigate the effects of maternal deprivation on the incidence of headaches in adult male and female rats.

2. The study was conducted on 160 rats divided into two groups. The control group received normal maternal care, while the experimental group was deprived of maternal care. The incidence of headaches was monitored over a period of 12 weeks, and the data were analyzed using appropriate statistical methods.

3. Results showed a significant increase in the incidence of headaches in the experimental group compared to the control group (p < 0.05). The findings suggest that maternal deprivation may play a role in the development of migraines in adult female rats.

4. Further studies are needed to explore the mechanisms underlying the relationship between maternal deprivation and headache development. The results of the study can be used to design preventive measures and interventions to reduce the incidence of headaches in women of reproductive age.