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Poster Presentation

Migraine: a Brain Plasticity Response to Repetitive Stressful Occurrences

Mohammad Dawood Rahimi[1*], Karim Nikkhah[2], Rohollah Kashiri[2]

[1]Mashhad University of Medical Sciences and Ferdowsi University of Mashhad, Mashhad, Iran
[2]Mashhad University of Medical Sciences, Mashhad, Iran

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Abstract

Migraine is a primary headache which is very common in the society. Although it is usually starts in a salient point in life span of an individual diagnostically, the repetition of acute stress response such as sleep abnormalities, anxiety, and depression are not new in this population. Therefore, they have had almost a long diary of these abnormalities. In order to understand the role/s of stressful occurrences in this population, we have oriented our objectives toward the repetition of acute stress and its effect/s on the brain plasticity response from a critical point in life to the point it starts; e. g., puberty. Based on our search of PubMed, google scholar, science direct, and nature reviews which have included four review and three basic research articles, we can conclude that migraine is more probable to occur as a result of brain plasticity response due to the repetition of acute stressful occurrences in a developmental process in the life span of an individual.

Keywords: Stress, Plasticity, Migraine

Corresponding Author: Mohammad Dawood Rahimi
E-mail: *dawoodrahimi@msn.com*

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