The 6th International Epilepsy Symposium
Shefa Neuroscience Research Center, Tehran, Iran, 24-26 August, 2018
The Neuroscience Journal of Shefaye Khatam
Volume 6, No. 3, Suppl 2

Oral Presentation

Epilepsy and the Sensory Systems

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Published: *24 August, 2018*

Abstract

The relations of epilepsy and the sensory systems are numerous and deserve more attention than they have gotten so far. Epileptic seizures use sensory pathways causing not only momentary but also potentially long-lasting symptoms, and certain sensory functions such as olfaction may be affected in epilepsy by still insufficiently known mechanisms. However, altered sensory functions in patients with epilepsy may also be side effects of drug treatment. Nevertheless, several sensory systems may be strongly involved in seizure-generating mechanisms, with both excitatory and inhibitory effects. Recent research has made important contributions to the understanding of these processes.

Keywords: Epilepsy, Sensory Systems, Numerous.

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