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Nonepileptic Paroxysmal disorders in children. Affective-Respiratory paroxysms in children

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Nonepileptic paroxysmal disorders in children and adolescents is a large group of diseases and syndromes, which are characterized by relatively sporadic loss of consciousness and/or diverse motor, emotional, psychological vegetative problems. In broad sense of the concept N.E.P.R. includes any suddenly appeared symptoms for which the term "epilepsy" is not suitable.

1. Syncopal states - syncope, fainting, collapse.
2. Non epileptic sleep disorders.
3. Disorders related to impairment in emotional spheres (panic attacks, bouts of hysteria)
4. Other childhood paroxysmal disorders (affective-respiratory paroxysms, fading (starring), grimace, trembling attacks, masturbation in young children, muscle spasms while chewing).
5. Extrapyramidal symptoms
6. Migraine.
7. Somatogen paroxysmal disorders.
8. Paroxysmal disorders with acute cerebral blood circulation with traumatic brain injury etc.

The ILAE 2001 8th section includes seizures, for which the definition of "epilepsy" is not always suitable. This group can also contain the following disorders: Benign neonatal seizure, Febrile seizures, Reflex seizures, Seizures associated with alcohol withdrawal, Seizures associated with taking different medicines etc.

Affective-respiratory paroxysms occur in young children in response to exogenous adverse impacts. The frequency of the disease in the pediatric population comprises 4-17%. Given that affective-respiratory paroxysms are accompanied by apnea and/or asystole and many authors consider them to be life endangered state. According to some data, affective-respiratory paroxysms amount for about 8% of such states.

Biography

Gunel Zeynalova-Latifofa, has graduated at the age of 22 years from Azerbaijan Medical University. She has practiced as an assistant of the Professor of Child Neurology Z. Aliev during 5 years. Then she has worked as a child Neurology doctor in Child Neurology Center in Baku. In 2014 she has taken EEG course in Neurophysiology University in Moscow, in Pediatrics University in Moscow, in Neurology University in Moscow during 2 months. She has some certificates from World Neurology Congresses. She is working as a chief doctor in private hospital named by Medicus Klinika.

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