

EEG in Childhood headache

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Background: Headache could be seen in different contexts in childhood period. It could be seen as a sign in epilepsy which could be seen preictally, ictally, and postictally. As a preictal phenomenon, it could be a prodromal symptom or even it could be presented as a pure sensory seizure per se. in the latter condition, of course it is really uncommon. The most type of headache in childhood seizures is as a postictal finding. Whatever the type of headache seen in seizures there are different types of EEG manifestations. In the most common type of headache in childhood (i.e., Migraineous headache), there is also a specific visual hypersensitivity most commonly seen as H-response.

Methods: I will demonstrate the above mentioned EEG manifestations of the different types of headache in childhood. These cases are from the teaching archives of department of pediatric clinical neurophysiology, from children's medical center hospital.

Conclusion: Different types of headache in childhood period have different but distinct patterns in clinical EEG.