

1. General considerations
2. The network concept of epilepsy
3. Activation of epilepsy in sleep
4. Absence Epilepsy as system epilepsy of the sleep promoting function
5. Nocturnal Frontal Lobe Epilepsy as epilepsy of the arousal system from sleep
6. Juvenile Idiopathic Myoclonic Epilepsy as the common disorder of the cortico-thalamic and motor system
7. Reading Epilepsy as epilepsy of the speech function
8. Medial Temporal Lobe Epilepsy as epilepsy of the limbic system of declarative memory processing
9. Peri-sylvian epileptic network: childhood idiopathic benign regional hyperexcitability (HIEC) conditions (Rolandic Epilepsy, Panayitopoulos syndrome)- Common features in HIEC conditions
10. Malignant transformation of HIEC conditions to Electrical status Epilepticus in Sleep in global (ESES) and regional (Landau-Kleffner Syndrome) forms
11. The spectrum disorders of the peri-sylvian epileptic network
12. Epileptic Encephalopathies (West Syndrome, Lennox-Gastaut Syndrome – Common features of Epileptic Encephalopathies
13. The common mechanisms in childhood epileptic encephalopathies with immense sleep activation and cortical pathological HFO activity
14. The outstanding role of interictal discharges (IEDs) in epileptic encephalopathies and in cognitive impairment of epilepsy
15. The role of slow wave sleep in the development and progression in system epilepsies
16. Epilepsy types in another way