

Atypical or unusual semiology



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Epileptic seizures are characterized by spontaneous, highly synchronized abnormal electrical discharges from the brain. On the other hand, non-epileptic spells or seizures are not caused by abnormal brain electrical activity. It is important to identify the difference between epileptic and non-epileptic spells. The best way of the differentiation of these conditions is video recording of the spell and simultaneous EEG recordings during the spell. However, it is not easy to distinguish epileptic seizure and non-epileptic seizure in patients with atypical or unusual semiology. The comprehensive understanding and optimal decision for epileptic seizures or non-epileptic spells is important to lower the prescription rate of antiepileptic drugs in patients with non-epileptic spells.

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