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- **A seizure is a *symptom* of epilepsy** in the electrical activity of the brain



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Epilepsy

Differential Diagnosis



The following should be considered in the diff. dg. of epilepsy:

- **Syncope attacks** (when pt. is standing; results from global reduction of cerebral blood flow; prodromal pallor, nausea, sweating; jerks!)
- **Cardiac arrhythmias** (e.g. Adams-Stokes attacks). Prolonged arrest of cardiac rate will progressively lead to loss of consciousness – jerks!
- **Migraine** (the slow evolution of focal hemisensory or hemimotor symptoms in complicated migraine contrasts with more rapid “spread” of such manifestation in SPS. Basilar migraine may lead to loss of consciousness!)
- **Hypoglycemia** – seizures or intermittent behavioral disturbances may occur.
- **Narcolepsy** – inappropriate sudden sleep episodes
- **Panic attacks**
- **PSEUDOSEIZURES** – psychosomatic and personality disorders