

# Seizure-mimicking Nonepileptic Spells



구 대 림

서울대학교 보라매병원

**Dae Lim Koo**

Department of Neurology, Seoul National University Boramae Hospital, Seoul, Korea

---

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. In most epilepsy centers, about 15 to 25 percent of the patients who undergo video-EEG monitoring for evaluation of seizures were diagnosed to non-epileptic spells. 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.

---

**Key Words:** Epileptic seizures, Non-epileptic spells, Video-EEG monitoring

---

**Dae Lim Koo**

Department of Neurology, Seoul National University Boramae Hospital, Seoul, Korea

TEL: +82-2-870-2473

E-mail: koodaelim@gmail.com