



이 향 운

이화여자대학교 의과대학 신경과학교실, 이대부속목동병원, 뇌전증 및 수면센터

Update for Practical Neurology: Epilepsy

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There have been potential advances in clinical field of epilepsy, as well as basic and/or interdisciplinary research of epilepsy. In this lecture, the speaker will introduce updates in diagnosis, treatment, and product development in epilepsy, both in clinical and research fields. Main topics include promising epilepsy therapies from health-care companies and basic laboratories, for instances, advanced drug treatments, biologic or technological developments, and devices for epilepsy. This talk will bring together shared interests including emerging biotech and medical technology companies, major pharmaceutical and device companies, as well as investigators and innovators at the cutting-edge of epilepsy and in treatments for the comorbidities of epilepsy. Especially, the lecture will highlight methods for seizure alerts or predictors, such as automated seizure monitors, clinical information systems, optical control or on-togenetics, delivery of focal energy including radiosurgery, laser, and neurostimulation or neuromodulation therapies.

Key Words: Epilepsy, Devices, Comorbidities, Seizure monitor, Neuromodulation

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