

The Optimal Treatment Approach of Patients with Frontal Lobe Epilepsy Demonstrated Pseudo Epileptic Seizures

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Abstract : We herein report 3 cases with frontal lobe epilepsy who demonstrated pseudo epileptic seizures. All three patients demonstrated seizures that had never previously experienced and they could not be controlled. We diagnosed their seizures to be pseudo epileptic seizures based on both the symptoms and the fact that video EEG showed no spikes during the seizures. All patients were junior high school students, who were either mildly or moderately mentally retarded. We tried to understand each patient's background. As a result, we identified various problems related to their families and school life. They could not adapt to their environments very well. We held discussions and cooperated with their families and teachers, and did our best to mentally support both the patients and their families, and tried to improve the patients' environments. Thereafter, the pseudo epileptic seizures either disappeared or dramatically decreased. Pseudo epileptic seizures of epilepsy can be easily confused with intractable epilepsy. Pseudo epileptic seizures may therefore indicate the existence of problems between the patient and either their family, school environment or medical staff. As a result of such seizures, the patients' Quality of Life may be severely impaired. Therefore, pseudo epileptic seizures should be accurately diagnosed so that the patients can be treated appropriately.

Key words : Pseudo epileptic seizure, Frontal lobe epilepsy, Video EEG monitoring