A case report of an Epilepsy Patient in Bangladesh

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Mr. A, 50 years old, graduate, unemployed, middle aged rural person hailing from a low socioeconomic family of rural area from a northern District of Bangladesh. He complained of convulsion two to three times per week for about one and half year. According to care giver (Wife), convulsion is associated with unconsciousness, trauma in different parts of the body during fall, frothy discharge through mouth. Convulsion is aggravated during long wakeful night [1-6].

There is no family history of any psychiatric or neurological abnormalities.

He was reasonably well during childhood. He has two daughters. No significant history of medical illness. He is smoker but no history of any other substance use. He is extroverted. He used to play cards in leisure time.

General physical examination was revealed normal.

A systemic examination including nervous system was normal.

Routine investigations were normal.

CT scan and MRI was revealed normal.

EEG was revealed slow wave.

Mental state examination was revealed: Middle aged person with average body build, kempt, appearance and behaviour was normal, social behaviour was maintained, eye to eye contact was present, and rapport was established [7, 8]. Speech was normal in rate, rythym and volume. Mood was euthymic. There was no suicidal or obsessional thought. He was conscious, oriented to time, place and person. His memory was intact, his judgement was intact. His insight was present [9-11].

Diagnosis was Generalized Tonic Clonic Seizure.

I started oxcarbazepine 300 mg single dose orally for seven days. After one week, he came to me and complained that convulsion occurred one time only but experienced no side effects of drug. Then I advised to take oxcarbazepine 300 mg bid and told him to come after one month. There was no history of convulsion after one month. At the time of third visit, I advised him to take medications with 600 mg daily for 3 years [12]. After 2 two years he came to me and was happy to say that he had no convulsion till now [13, 14].

In conclusion it is observed that oxcarbazine is also effective in generalized Tonic Clonic Seizure as well as Partial Seizure.

References
2. Epilepsy Foundation. Epilepsy and seizure statistics.
5. First Seizure Trial Group (FIRST group) (1993) Randomized clinical trial on the efficacy of antiepileptic drugs in reducing
the risk of relapse after a first unprovoked tonic clonic seizure. Neurology 43: 478-483.


