

A CASE REPORT TO DEVELOP MYOCLONUS WITH THE USE OF FIRST DOSE GABAPENTIN

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Abstract

Gabapentin (GBP) has anticonvulsant and analgesic properties and is used in many ailments associated with chronic pain and neuropathic pain, mostly diabetes mellitus. In a study, they stated the incidence of myoclonus as 0.1% in epilepsy patients using Gabapentin.

Case Report: A 39-year-old female patient was started by Gabapentin neurosurgery for pain in the legs due to herniated L3-4 disc in the lower back. The first dose of use to relieve paraesthesia was manifested in the form of twitching and subsequent contraction in the nasolabial groove of the left rim of the patient, who started using 300 mg/day gabapentin. In our case, the patient did not have any cerebral disease such as encephalopathy or epilepsy, and his kidney functions were also normal. We think that myoclonus may develop due to GBP in the first dose of treatment, and the severity of myoclonus may increase after dose increase, and it should be kept in mind that care should be taken in treatment arrangements.

Keywords: Gabapentin; myoclonus; Gabapentin side effect