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Lamotrigine in clinical practice: Efficacy of various dosages in epilepsy

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The study was designed to evaluate the optimal dosage use of lamotrigine (LTG), as monotherapy, in the treatment of adults suffering from various types of epilepsy in everyday clinical practice. The method used in this study was to collect the data of all adult patients treated with LTG, as monotherapy, retrospectively. The dosage and efficacy of treatment were evaluated along with side effects and retention rate. The results showed that, out of 188 patients, 68% continued LTG treatment; the mean effective dose was higher in older patients and those with a longer disease duration. To conclude, it may be appropriate to reach a daily LTG dose above 200 mg in adult patients suffering from epilepsy for more than 5 years and are treated with LTG as monotherapy.

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