

Abstract

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Title: Survey the pharmacotherapy for generalised epilepsy
- in the area Krnov

Form: Master Thesis

Name of University: Charles University in Prague, Faculty of Pharmacy
in Hradec Králové

Degree: Pharmacy

Aim: The first aim is to evaluate epilepsy treatment and the established medical practices of generalized forms of epilepsy in the population at Krnov region. Based on the local experience, the second aim is to recommend a combined treatment.

Methods: The retrospective study included patients treated with pharmacotherapy for generalized form of epilepsy in Krnov region, drop 44,000 inhabitants. Eighteen years and older patients who visited the local neurological clinic have been monitored since 1993. The treatment criterion was to define epileptic seizures while minimizing the side effects and preserving cognitive functions.

Main findings: Monotherapy proved that the most effective therapeutic option is valproate and lamotrigine. Combined therapy proved that the optimal combination is valproate + carbamazepine and valproate + lamotrigine.

Conclusion: In monotherapy we have come to the conclusions similar to the most companies that are dealing with epilepsy. Namely valproate and lamotrigine. The therapeutic schemes for the combined treatment are not developed or proposed, there are not enough comparative studies. Valproate and lamotrigine seem to be the dominating preparations in monotherapy. The preparations meet the required factors. These have proved to be successful in the following combined treatment. In combined therapy, the recommendatory combination of valproate with carbamazepine and

valproate with lamotrigine. These preparations meet the medical and the financial factors.

Key words: epilepsy, generalized form, therapy