

# **A COMPARISON OF SIDE EFFECTS OF SOME ANTIEPILEPTIC DRUGS II.**

## **Abstract**

The aim of diploma thesis was the description and mutual comparison of side effects of various antiepileptic drugs. The individual data was obtained by means of retrospective questionnaire from 12 individuals. The theoretical part describes pathophysiology of epilepsy, mechanisms of action and side effects of antiepileptics and, especially, pharmacology of zonisamide, which all investigated persons were taken. Thesis confirmed, that spectrum of the most often mentioned side effects is similar to ones, which in Summary of product characteristic were stated as very often and often. Women exhibited more adverse reactions than men especially in a gastrointestinal tract. Antiepileptic drugs of the 3<sup>rd</sup> generation had fewer side effects than antiepileptics of 2<sup>nd</sup> generation. Combination of four antiepileptic drugs had given the most frequent number of side effects. The only best one was not surprisingly combination of two antiepileptics, but combination of three antiepileptics. The mentioned side effects showed dependency on used daily doses of antiepileptics.