

## Abstract

Antidepressant (SARI, NDRI, RIMA) Consumption in Czech Republic

Charles University

Faculty of Pharmacy in Hradec Králové

Department of Social and Clinical Pharmacy

Author: Veronika Bucková

Supervisor: PharmDr. Pavel Horký, Ph.D.

Antidepressants are drugs used mainly to treat pathologically low mood and anxiety disorders. The antidepressants focused in this work from the SARI, NDRI and RIMA groups are also used in the treatment of insomnia, smoking cessation, as support in weight reduction and in some psychogenic sexual dysfunctions.

The goal of this work is to analyze the consumption of antidepressants from the SARI, NDRI and RIMA groups in Czech Republic.

The data for this work were obtained from the database of the State Institute for Drug Control on the basis of mandatory reporting of the volume of drugs supplied by distributors to pharmacies and other medical facilities. Consumption was monitored in the period from 1.1.2008 to 31.12.2020. The DUR type methodology was used and consumption was expressed in the number of defined daily doses per thousand inhabitants per day (DID).

The results confirm the rising trend of antidepressant consumption only in the case of trazodone (SARI), whose consumption increased 3.8 times compared to 2008. The reason for this growth is the use of trazodone as an effective drug in the treatment of insomnia and also because it does not cause sexual dysfunction (on the contrary, it has a positive effect, so it is suitable for sexually active patients). For moclobemide (RIMA), a rather gradual decrease in consumption can be observed. Bupropion (NDRI) consumption also has a slightly declining trend.

Key words: drug utilization, SARI, NDRI, RIMA, trazodone, bupropion, moclobemide