

# Abstract

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Title of Diploma Thesis Selected medicinal products

**Introduction:** According to market authorisation selected medicinal products (SMP) have been sold outside pharmacies without prescription since 1998. Medicinal products containing paracetamol and ibuprofen belong to this category among others. There were 2368 vendors of SMP in 2017 in the Czech Republic.

**Objectives:** The main purpose of this thesis was to analyse time and local availability, financial affordability of SMP and to analyse safety of selling SMP outside pharmacies.

**Methods:** The research was performed between 12<sup>th</sup> March 2018 and 16<sup>th</sup> March 2018 in regions: Chrudim, Hradec Kralove, Pardubice and Rychnov nad Kneznou. 50 vendors of SMP were selected from the database of State Institute for Drug Control regarding proportional representation on the market in the Czech Republic. Subject of research was a 24-year-old male demanding SMP to treat acute toothache. Obtained data were filled in a prepared form. Results were processed by means of descriptive statistics.

**Results:** Time availability was increased, especially in gas stations. 97.6% of vendors had extended opening hours on weekends. Local availability was not considerably increased, location of vendors frequently reflected local distribution of pharmacies. The median of the distance between a vendor of SMP and the nearest pharmacy was 526 meters. No information or wrong information about usage of medicine was given by 42.5% of vendors, 32.5% of them made a reference to package leaflet. Financial affordability of SMP was lower than in pharmacies.

**Conclusion:** Time and local availability and financial affordability were described. Safety is influenced by customers' health literacy, because vendors are not obliged to inform customers about usage of SMP or to make a reference to a package leaflet.

**Key words:** selected medicinal products, paracetamol, ibuprofen