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### **Nasal drops in extemporal prescriptions – report for 6 Riga pharmacies**

**Aim and tasks.** In my PhD Thesis I want to analyse the extemporal prescriptions made in Latvian pharmacies. Since in the former studies I have found out that one of the most popular dosage forms are nasal drops, the aim of this study is to analyse the prescriptions of nasal drops.

**Design of the research.** Extemporal prescriptions from 6 Riga pharmacies for 2017 were used in the study. The following information was collected about each prescription: pharmacy; region; month; dosage form; medical specialist who have written the prescription; active substances; number of active substances; excipients. Prescriptions for nasal drops were selected and analysed.

**Results.** 257 prescriptions of nasal drops were made in six Riga pharmacies during 2017. Most of the prescriptions were written by the general practitioners, otolaryngologists and pediatricians. The number of active substances ranges from 1 to 6 active substances. The most popular were nasal drops with 1 active substance – 160 prescriptions. However, doctors prescribed also 42 (16%) nasal drops with 3 active substances. The most popular active substances were mild silver protein (61%), ephedrine hydrochlorid (35%), dexamethasone (23%).

**Conclusions.** More prescriptions need to be analysed to be able to judge objectively the nasal drops made in pharmacies.