

## **Abstract**

### **Vaccination and pharmaceutical care I**

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**Introduction and aim of study:** Vaccination can be considered an effective tool for the prevention of infectious diseases. Its main importance lies in the protection of the entire population. The aim of this thesis was to analyze the attitudes and opinions of patients regarding the possibility of vaccination against influenza in pharmacies in the Czech Republic (CZ).

**Methods:** The research consists of the answers of 2032 citizens of the CZ over the age of 15, randomly selected by the technique of the standardized guided interview. They were approached between 16. 11. 2020 and 20. 12. 2020 with a request for comments on the issue of healthcare and the healthy lifestyle of the population. Part of this survey were questions about the issue of vaccination against influenza. Respondents were asked 21 closed, semi-closed and open-ended questions focused on socio-demographic characteristics, attitudes and opinions of respondents on influenza vaccination, including the possibility of vaccination in a pharmacy. Data were evaluated with descriptive statistics and selected parametric and non-parametric tests.

**Results:** Data were analyzed from 1769 respondents, of which 49,0 % were men and the average age was 47,2 years. Respondents were mostly working with a graduation or higher professional education. Around 25 % of respondents underwent flu vaccination at least irregularly in the last 5 years. A quarter of respondents expressed consent to flu vaccinations at the pharmacy.

**Conclusion:** A number of myths associated with influenza or vaccination may reduce the vaccination rate among the lay public. A change can be achieved by providing more information to the public, motivating them or supporting vaccination even outside the doctor's office.

**Keywords:** vaccination, flu vaccination in pharmacy, pharmaceutical care service, attitudes and opinions of the lay public.