

# **ABSTRACT**

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Name: Vaccination in childhood

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## Background:

One of the most important goals of my thesis is to point out a current lack of information on vaccination of our population. This fact stems from unawareness of a significant progress achieved in the field of immunology in recent decades.

## Main findings:

My bachelor thesis deals with vaccination in an early childhood. I tried to create an overview of compulsory as well as voluntary vaccination in certain periods of childhood and I also mention immunological aspects of vaccination. I briefly characterize selected contagious diseases and I present options of their prevention by utilizing vaccination. Furthermore, I present some child practitioners' opinions of vaccination as such. The thesis provides a general overview and comparison of history of vaccination in the Czech Republic and in the world in general.

## Conclusions:

The greatest benefit of vaccination lies in a creation of a vaccination scheduler for compulsory and above-standard vaccination, further focus on the opponents of vaccination, an effort to explain the principles of vaccination, the issue of the immune system response to vaccination, a combined vaccine application etc.