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Тезис

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Why do we need vaccination?*ФГБОУ ВО Саратовский ГМУ им. В.И. Разумовского Минздрава России, кафедра иностранных языков**Научный руководитель: Чижова М.Е.*

For many centuries infectious diseases have claimed thousands of lives. Outbreaks of these diseases are called epidemics (gr. epidemia – epidemic disease; from “epi” and “demos” – people).

By the end of XX century the possibility to prevent the development of more than 40 infectious diseases through vaccination was appeared.

Vaccination is one of the best ways to protect children against infectious diseases. Vaccines contain killed or weakened bacteria (viruses), in response to the introduction of which the body produces specific protective substances - antibodies. Vaccines stimulate immune system response as if is a real infection. The immune system then fights the “infection” and remembers the organism that caused it. In this case, if the germ re-enters the body, effectively fights with him.

The human body is capable of producing protection against several infectious factors simultaneously.

Why do we need vaccinations? - For the development of immunity. But the fact is that each injection has its own sphere of influence and, of course, can have its complications.

Currently, there are people who are “pros” and “cons” of vaccination. Opponents of vaccination questioned its effectiveness, saying that it does not give 100% immunity from the disease. More precisely, this fact is still impossible to verify. In proof of his words, they present statistics about already vaccinated, but still ill children (e.g. whooping cough and diphtheria).

In the opinion of the greater part of the medical community, even if vaccination does not protect the child from disease 100%, it significantly reduces the risk of its occurrence. This is especially important for children during the first years of life, because the younger the child, the weaker his immune system. If the child still contracted the disease occurs in a milder form, and the probability of complications is less.

Partly thanks to vaccinations, modern humanity is saved from the epidemics. Thus, we come to the conclusion that children need to be vaccinated. In conclusion, I want to remind the following: The disease is easier to prevent than to cure. Timely vaccination allows to reduce not only morbidity, but most importantly, and child mortality.

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