

EFFECTS OF VACCINATION ON CHILDREN'S HEALTH

Mannapova M.A., Shamansurova E.A.

Tashkent Pediatric Medical Institute. Tashkent, Uzbekistan

RELEVANCE

In recent years, vaccination has become a global medical and social problem. According to the WHO, vaccines save the lives of 3 million children every year. And with the help of new vaccines that will be developed in the next 5-15 years, it will be possible to prevent another 8 million child deaths per year.

MATERIALS AND METHODS

Analysis of literature data on the international experience of determining the role of the nurse in promoting vaccination among children.

RESULTS

Thanks to vaccination, it was possible to eliminate the two most dangerous infections – cholera and smallpox. Despite the effectiveness of RVP in controlling infections, the mortality rate from measles is still high. The number of deaths decreased from 550,100 in 2000 to 89,780 in 2016 (84 percent), the incidence rate (7 million cases in 2016).

A similar situation has developed around neonatal tetanus. The WHO says 49,000 newborns died from tetanus in 2013, compared to 787,000 in the first month of life in 1988. As of March 2018, tetanus has not been eradicated in 14 countries. In most countries of Europe and Central Asia, at least 95% of the population is vaccinated three times against diphtheria, tetanus, and pertussis (AKDS vaccine).

Nurses often become specialists responsible for the vaccination process, and they also play a key role in informing parents and patients about the preventive effectiveness of vaccines and their safety. According to the results of the study, health workers are the main source of information about vaccines and it is essential that nurses understand the importance of vaccination and convey this message to parents.

CONCLUSIONS

Vaccination is the most effective way to fight against infectious diseases. A review of foreign literature shows that opinions about the necessity of vaccination, and the effectiveness and safety of vaccines are very conflicting. Since most of the problems associated with low vaccination coverage are related to a lack of knowledge among both health professionals and parents, specially designed educational programs may be a potential solution. At the same time, the role of a medical worker (doctor, nurse) is great, because they communicate with parents of children who need to be vaccinated.