

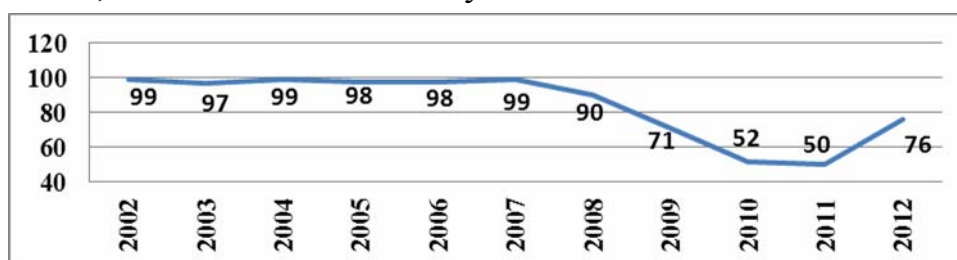
THE ANALYSIS OF THE CHILDREN IMMUNIZATION BY DTP VACCINE IN UKRAINE

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According to WHO estimates the implementation of of immunization can prevent up to 2 - 3 million deaths per year, but, unfortunately, infectious diseases are still a major cause of mortality in the world. According to the Global Vaccine Action Plan, which was adopted on the May 26, 2012 at the 65th session of the World Health Assembly, immunization is recognized the most effective preventive measure in health care and immunization level by 2020 has to reach 90%. National immunization programs and active in different countries calendars of preventive vaccinations contribute to implement these plan.

In view of the above, the aim of our study was to analyze the level of children immunization by adsorbed vaccine against diphtheria, pertussis and tetanus (DPT) in Ukraine.

According to WHO recommendations, the level of DPT vaccine immunization should be 95%. Analyzing statistical data about children vaccination in Ukraine for the period 2002-2012, it can be concluded that in recent years there has been decline of immunization. Thus, during 2002-2007, it remained almost the same and amounted an average of 99%, what is ideal. However, in 2009, the immunization level decreased to 71% and reached a minimum in 2011, accounting for 50%, which is highly negative trend. In 2012 this indicator increased to 76%, which still remains very low (Pic. 1). The specified situation may be associated with an active campaign against vaccination, which was conducted by the media at this time.



Pic. 1. The level of the children immunization by DTP vaccine in Ukraine.

Thus, the present level of immunization in Ukraine is unsatisfactory. We think, that one way to solve this problem is to return public confidence to the vaccination by active government support in the health education among the population in order to disseminate knowledge about the immunization.