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ACTIVE IMMUNIZATION IN PRESCHOOL CHILDREN IN BITOLA IN THE PERIOD OF 2008 TO 2012

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Introduction: Active immunization in our country is compulsory against tuberculosis, diphtheria, tetanus, pertuses, poliomyelitis, measles, parotitis, rubeola, hepatitis B and hemophylus influenza tip B.

Aims: The aim of the study is to evaluate the comprising of preschool children till 5 years with vaccination in Municipality of Bitola and to determine the success of vaccination.

Materials and methods: In retrospective epidemiological study the vaccination data were analyzed in the period of 2008 to 2012.

Results: With HB vaccine were comprised 98,24-99,46% of children. With primovaccine DTP (three doses) were comprised from 91,11 to 99,44% of children, with first revaccination the comprising was 98,53 to 99,44%, and with second revaccine 93,34-98,66%. With primovaccine OPV were comprised from 91,11 to 99,44%, and with revaccination 98,53-99,44% of the children. Vaccine against Hepatitis B in Macedonia was introduced in september 2008 when with the primovaccine were comprised from 91,53 to 98,00% and with revaccine from 47,22-96,71% of children. With vaccine against MMR were vaccinated from 98,97-100% of children.

Conclusion: In Municipality of Bitola the percentage of performed immunization in preschool was over 90%with some variations during years. In order to achieve complete comprising of children with compulsory vaccination, very important is health education of parents.

Key words: active immunization, preschool children, Macedonia