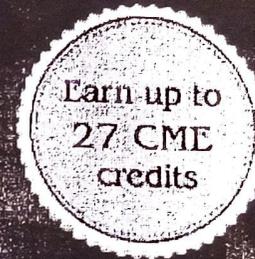


34th Annual Meeting of the
**EUROPEAN SOCIETY FOR
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Brighton
34th Annual Meeting of the
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Implementation of multivalent vaccine in Bitola, Republic of Macedonia

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Introduction:

- Active immunization in our country is compulsory.
- Polyvalent vaccine was implemented for the first time in august 2015.

Objectives:

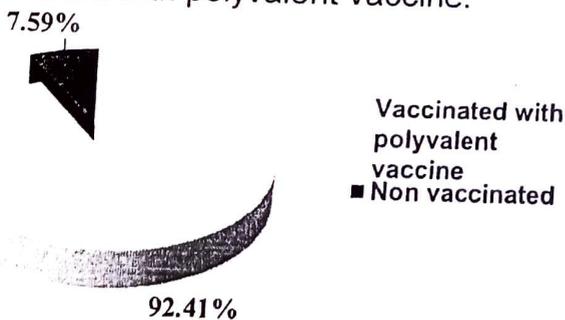
- The aim of the study is to evaluate the comprising of preschool children till 5 years with polyvalent vaccine in Municipality of Bitola and to determine the first results of the vaccination.

Materials and methods:

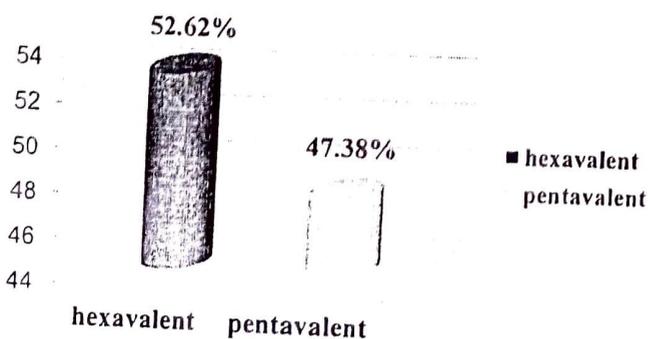
- The study was conducted in the Health Centre in Bitola, in the Office for preventive health care for children aged 0-6 years.
- In retrospective epidemiological study the vaccination data were analyzed in the period of 04.08.2015 to 31.12.2015.

Results:

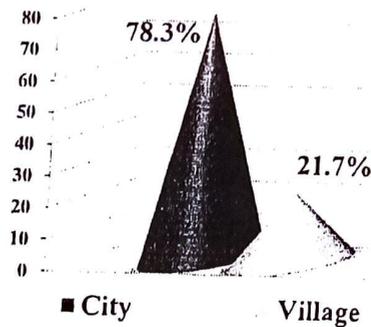
- A total number of 1376 children (92.41%), from 1489 planned, were vaccinated with polyvalent vaccine.



- From them 724 children were vaccinated with hexavalent and 652 with pentavalent vaccine.



- In relation of place of residence, 1078 (78.3%) children from the city and 298 (21.7%) from the country side.



- There were side effects in three cases vaccinated with pentavalent vaccine (fever, anxiety, pain, and swelling).
- In one case after vaccinating with hexavalent vaccine a rash appeared on the body and on the head of the child, which withdrew in a few hours.
- For all effects, reports for post vaccine reactions were duly submitted to the Expert team at the Child Disease Clinic in Skopje.

Conclusion:

- In Macedonia the implementation of multivalent vaccines was successfully launched.
- Side effects of the vaccine are minimal.
- Parents have greater trust in this type of vaccine for their children.
- The benefits for the parents are reduced number of visits to the doctor, less stressful conditions and side effects and increase vaccine coverage.