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17F. SCIENCE: VACCINE EFFECTIVENESS AND EFFICACY

ANTI VACCINE PROPAGANDA AND ITS NEGATIVE IMPACT OVER THE REGULAR CHILDREN'S IMMUNIZATION

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Background

The need for greater promotion of immunization, which has proven to be a sovereign method for eradicating childhood infectious diseases around the world and opposing anti-vaccine propaganda by pediatricians. The impact of immunization over the reduction and eradication of infectious diseases and reducing the negative impact of the anti-vaccine media campaign

Methods

Data from infectious diseases reports and immunization reports of the patients in our office for the period of 2 years (2016-2017) have been used. An analytical, descriptive and comparative method is used for processing.

Results

In accordance with the immunization program in Macedonia, out of a total of 438 children (2016-2017), aged 0 to 6 years, 95% of the children were successfully vaccinated. For the period of 2 years we have registered 3 cases of Morbili, 1 case of Rubella, 3 of Parotitis and 180 cases of Varicella.

The results clearly show a significant number of Varicella for which no immunization is carried out, while infant fever is registered only sporadically. Other childhood diseases such as Poliomyelitis, Tetanus and Pertussis are considered to be eradicated in Macedonia. No child with Tuberculosis has not been registered.

Due to the overwhelming media anti-vaccination campaign, there is also a slight decrease in the percentage of regularly vaccinated children. In 2010 the percentage of vaccinations in our clinic was 98%, and in 2015 it was 96% **Conclusions**

Pediatricians are regularly educating parents about the benefits of regular immunization. Regular pediatricians' representation in electronic and written media giving advice on the importance of immunization in preventing the occurrence of infectious diseases is really beneficial. The results clearly show the benefit of the successful immunization, which has saved a lot of money both for treating the diseases and for dealing with its consequences

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