

Medical rehabilitation

Popularity of influenza vaccination among medical personnel of medical facilities in Wrocław

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Introduction

Influenza is very common infectious disease, according to WHO from 330 million to 1,5 billion people get infected every year. Vaccination is estimated to be one of the most effective methods of preventive treatment. American Committee Immunization Practices (ACIP) recommends vaccinating to all medical personnel who has direct contact with patients. The objective of the research was to learn about popularity and state of knowledge concerning influenza vaccination among staff of medical facilities in Wrocław.

Materials and methods

The main method was anonymous survey conducted among doctors and nurses of three hospitals and three clinics in Wrocław. The first part concerned: sex, education, age and profession of interviewees. The next questions revealed the percentage of people who were vaccinated, their state of the knowledge and their opinion about effectiveness and necessity of immunization. Personnel was also asked if the cost of the vaccinations was covered by themselves or their employer.

Results

The survey has shown that more doctors (22,5%) than nurses (9,6%) apply to vaccinations. The workplace (hospital versus clinic) didn't influence incidence of immunization. Another observation was that doctors more often declare sufficient knowledge about vaccination comparing to nurses (83,1% vs 66,9%). More than half of interviewees declared that they would like to vaccinate if the vaccine was refunded.

Summary

The percentage of medical personnel vaccinating against influenza is disturbingly low. Knowing the benefits of vaccination to the staff itself and patients they have contact with educational program about vaccination for the medical staff should be considered.