

EFFECTIVENESS OF PRIMARY VACCINATION AND RE-VACCINATION WITH RUSSIAN BCG-1 VACCINE

V. P. Kostromina, Ju. O. Lets

Summary

Following primary immunization with BCG-1 vaccine (Russia) valuable BCG scars were observed in 50,0 % of children. The primary vaccination does not provide tuberculin hypersensitivity in 62,5 % of vaccinated children. 64,0 % of them were infected by *Mycobacteria tuberculosis* in the age from 1 till 7 years. Tuberculin hypersensitivity fast dies away in children from 1 till 5 years from positive reactions in 35,4 % of children to negative — in 29,2 %. Among 100 children vaccinated by BCG vaccine, a revaccination in age of 7 years was done in 27,0 %. In remaining children with positive PPD reactions 55,0 % were infected with *mycobacteria tuberculosis*. In 18,0 % positive PPD reactions after BCG vaccination were due to hypersensitivity. After first revaccination valuable scars were determined only in 29,7 % of children. Only 11 % of children were revaccinated in 14 years, rest of children were infected with *mycobacteria tuberculosis*. After revaccination in 14 years of age no children with valuable scar were observed.