

The 2001 SErological Survey in the Czech Republic – PERTUSSIS

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SUMMARY

The results of the 2001 serological survey show that the immunity status of 2-year old children has improved (89.7% seropositive) after the modification of the vaccination schedule while the immunity status for one-year-olds remains poor (57.6% seropositive). The highest prevalence of seropositivity was seen in the age categories from 12 to 44 years (90-97%). The increasing values of seropositivity and relatively higher titers of antibodies (in particular against type 1,3 of B. pertussis) in older children and adolescents likely reflect an ongoing infection in this population.

Key words: pertussis, type antigens, seropositivity, vaccination, immunity status

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Zpět