

EGG ALLERGY AND VACCINATION**E. Dankova, S. Honzova***Centre of Immunology, Prague, Czech Republic**imumed@mbox.vol.cz*

The risk of a serious allergic reaction in children with egg allergy after immunization with vaccines which could contain egg protein is smaller than was previously thought. But the smaller local reactions must be anticipated. According to the WHO documents and recommendations of advisory committees the contraindication of immunization with vaccines which could contain egg protein is the previous serious general anaphylactic or anaphylactoid reaction to egg protein. The contraindication of further application of the vaccine, is of course, the previous serious general anaphylactic reaction to this vaccine. The skin tests using vaccines are not very reliable. The intradermal tests using 1:100 dilution shows the highest sensitivity for the prediction of side effects. Involving the risk of developing a serious adverse reaction after vaccination, it is recommended to immunize the children at a clinic capable of managing the reaction. Vaccines cultivated on egg embryo tissue or egg embryonal fibroblasts can contain egg protein. These are influenza, tick encephalitis, yellow fever, rabies and the most of measles and mumps vaccines. The mumps and measles vaccines produced by Sevafarma - Trivivac, Mopavac, Movivac, Pavivac do not contain egg protein, since they are cultivated on dog kidney cells.

