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THE VEGETATIVE SUPPLYING STATE OF IMMUNITY REACTION IN EARLY AGE CHILDREN WITH COMPLICATED PNEUMONIA

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They investigated the state of immunity system in interconnection with vegetative supplying the organism in 120 children of early age, ill with complicated pneumonia of bacterial-coccal and viral etiology. The total number of T-B-lymphocytes T0, Tx, Tc, T-killers, RBTL, concentration of IgA, IgM, IgG in blood plasma, the indexes of inspecific resistance complement, lysozyme, phagocytic activity of neutrophils were analyzed. The state of vegetative tonus was estimated by method of cardiointervalography, determining the activity of sympto-adrenal and parasympathetic mechanisms of vegetative nervous systems. It was estimated that the indexes of immunal answer were differentiated from the phase of pneumonia and the states of vegetative organism supplying. The most activity of immunal system has established in children with sympto-adrenal type of initial vegetative tonus. There was made a conclusion on advisability of assessment of immunal reactions state in children of early age with pneumonia in consideration of initial vegetative tonus, which has a principal significance for subsequent immuno-correcting therapy and adequate control of immunal answer reactions.

