The functional activity of cytotoxic lymphocytes in full term newborns with the respiratory distress syndrome

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In modern pediatrics, the problem of early diagnosis of purulent-septic complications in critically ill newborns is complicated due to the development of a systemic inflammatory response immediately after the birth manifested by progressive respiratory insufficiency, increasing haemodynamics disturbance and multiple organ failure. The immune system is sure to play a leading role in the development, clinical course and outcome of inflammatory diseases in children. Therefore, the research of objective, highly sensitive and specific markers for the early diagnosis of neonatal sepsis remains to be actual. (Cytokines and Inflammation. 2011. Vol. 10. № 4. P. 101–104.)

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