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CYTOKINE DIAGNOSTICS IN THE PROGNOSIS OF CRITICAL CONDITIONS IN NEWBORNS BORN TO MOTHERS INFECTED WITH COVID-19

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ABSTRACT

The authors conducted a study of cytokines of newborns born to mothers with coronavirus infection. SARS-CoV-2 infection causes a sharp decrease in the number of lymphocytes, especially a decrease in CD4 T cells, accompanied by uncontrolled release of inflammatory cytokines, which leads to a second stroke and exacerbates pathological changes in the respiratory system. Clinical symptoms vary among the infected population, suggesting that individual immune status is associated with susceptibility to COVID-19 and that immune dysfunction may play a significant role in the development of critical diseases.

KEYWORDS: COVID-19, SARS-Cov-2, Newborns, Critical Conditions, Coronavirus Disease, Cytokines

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