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## INTERFERON THERAPY OF HERPES VIRUS INFECTION IN PREGNANT WOMEN

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**The purpose:** determination of efficiency of interferon therapy in pregnant women with herpes infection (Cytomegalovirus, Herpes simplex virus, Epstein-Barr virus).

**Methods:** The research of parameters of Interferon status, Immune system, hormonal homeostasis, ultrasonic scanning, virusological and bacteriological investigation are lead at 154 patient, treated by (x-2 interferon (viferon)).

**Results:** The investigation indicated viferon has Interferon - stabilizing, immunomodulating, antioxidant effect and doesn't have complications on the fetus. The reducing of the delivery channel occupation with genital herpes virus in 50% of patients have been revealed. Every newborn had no signs of herpes virus infection and specifically neurological symptoms. Increased level of Interferon-gamma from initial 2.4 to 32 IU can be related to Viferon stimulation of cytokine production. Revealed Immunocorrecting effect of Viferon can be a basis for its use in Mothers and newborns for treatment and prophylactics of the herpes virus infection.

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## NEW APPROACHES TO TREATMENT OF MIXED VIRUS INFECTION COMBINED WITH AUTOIMMUNE REACTIONS IN GRAVIDAE

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Examination has carried out in 344 gravidae with mixed virus infection (Herpes simplex virus, Cytomegalovirus, Epstein-Barr virus). The patients have screened for specific antiviral antibodies, antibodies to chorionic gonadotropin (hCG) and lupus anticoagulant (LA). We have studied interferon status (IFS) and cellular immunity parameters to select optimum schemes for nonspecific antiviral therapy.

The relationship between activity of autoimmune reactions and reactivation of virus infection were obtained. Antibodies for hCG were detected in 30.8% of patients and LA-in 19%. The research has established that IFS was disordered in all patients. Therapy with use of  $\alpha$ -2 Interferon (viferon) has promoted Immune correction and correction of IFS, has decreased activity of autoimmune reactions and has prevented perinatal complications.