

EFFECTIVENESS OF USING DIFLUKAN IN PRETERM INFANTS BORN TO MOTHERS WITH CYTOMEGALOVIRUS INFECTION

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Forty-seven pre-term newborns born to mothers with cytomegalovirus infection were examined. Average age of infants was 3,6 days, mean body mass - 1620 g, gestation age - 32,8 weeks.

Immunologic, mycologic, biochemical and ultrasound investigations have been carried out in these infants. Results of studies exhibited a decrease in the level of cellular immunity and phagocytosis activity of neutrophils. Mycological investigations of oral mucosa revealed a high colonization with yeast-like fungi of species *Candida*. They were the following: *C.albicans* in 26% of neonates, *C.tropicalis* - 18%, *C.Krusei* - 5%, that indicated to presence of Candidosis infection in these infants. Upon the antifungal sensitivity was determined with the purpose to increase therapeutic effectiveness all infants were administered the antifungal medicine with systemic action Diflucan, produced by the Pfizer Inc., at a dose of 5 mg/kg a day intravenously during 5 days.

Results of our observations showed clinical mycological recovery in 87% of preterm newborns examined.