

CYTOMEGALOVIRUS PNEUMONITIS IN THREE PRETERM INFANTS: A CASE SERIES

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Abstract

Cytomegalovirus (CMV) is the most common congenital and perinatal viral infection. It can occur in utero, during delivery, by blood transfusion or by breast milk. These are usually asymptomatic in term infants due to the presence of maternally derived, trans placental CMV (Ig)G antibodies, but in premature neonates, can lead to severe disease because of lack of sufficient quantities of these antibodies ¹. In lactating CMV seropositive mothers, transmission occurs in 22.8% premature infants, with symptomatic disease in 34.5%. ² We report 3 cases of neonates with atypical CMV infection involving lungs and requiring treatment with antivirals.

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