

Some New Neonatal Human Infections: New Problems in Clinical Microbiology

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Editorial Note

Many new emerging viral diseases have been discovered for few years. Those new diseases become the new problems in clinical microbiology. In medicine, the new viral infection is a serious problem and the disease caused by the new virus is usually difficult to manage. Hence, those new infections become the new focuses in clinical microbiology. There are many new infections that should be mentioned. Those new emerging viruses within the past 3 years will be further discussed. First, human parechovirus infection is a new viral disease. The human parechovirus infection can result in neonatal neurological infection [1]. The affected neonate usually has meningitis [2]. Luo et al. [3] also noted the virus can also induce sepsis. However, the disease usually present as febrile illness that brings difficulty in diagnosis. To diagnose this disease, the molecular diagnosis is required [4]. For serious case, fatal leukoencephalopathy can be seen [5]. Second, Tusavirus 1 is a new parvovirus that causes infection in neonate. This infection was firstly seen in Tunisia and the virus is believed to be the cause of diarrhea [6]. In fact, another new virus has just been detected in Bhutan [7]. The virus is Bufavirus 3 and it cause diarrhea in children. Finally, there is another report on new recombinant echovirus 25 strains with Coxsackievirus B3 in a neonatal patient with hand, foot, and mouth disease complicated by encephalitis [8]. Of interest, those new viral infections in neonate warrant for further researches for finding proper diagnosis, treatment and prevention.

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