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Pneumococcal meningoenfalefalitis in 50-day-old baby ended with lethal outcome: A case report

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Streptococcus pneumoniae (*S. pneumoniae*) is a usual agent of pneumonia, sinusitis and medial otitis. In children under two-year-old, it appears as a second bacterial agent which is responsible for neuro infections. We presented a case of *S. pneumoniae* meningoenfalefalitis as a primary localization in a 50-day-old breast-fed child. The illness began with high temperature and mild catarrh. Three days later convulsions without meningeal signs were demonstrated. Diagnosis was based on cerebral fluid changes and microbiological verification. In spite of triple antibacterial starting suitable to microbial sensitivity, neuro infection completed with lethal outcome. Laboratorial data—low levels of natrium, severe acidosis in conjunction with high level of protein, cells and low glucosis were considered as prognostic signs for unfavorable outcome. The baby was not vaccinated with synflorix because his age was small. Possibilities to use vaccine against *S. pneumoniae* earlier than usual were discussed.

Biography

Liliya Pekova is a Head of Clinic of Infectious Diseases at University Hospital in Stara Zagora, Bulgaria. She is a Chief of Department of Infectious Diseases, Medical Faculty at Trakia University. Her scientific interests include "Viral hepatitis, neuro-infections and tick-borne diseases". The main topic of her researches is Acute Hepatitis C. She has two specialties: Infectious diseases and Epidemiology. She is interested in area of Vaccines.

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