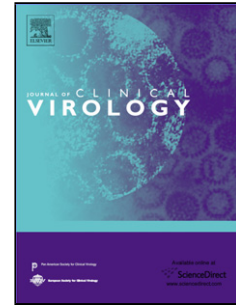


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Clinical and biological features of enteroviral meningitis among adults and children and factors associated with severity and length of stay

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Highlights

- Clinical and biological features of Enterovirus meningitis are presented and compared in these papers in adults and children as well
- Managements of cases are reported as well as cerebral imagery results
- The turnaround time and interest of rapid PCR detection is discussed

Abstract

Background: Enterovirus (EV) meningitis is the most common form of meningitis. Clinical and biological manifestations may be non-specific, leading to prolonged and costly investigations.

Objectives: To determine the different aspects of EV meningitis and the variables associated with length of stay (LOS) in hospital independently of patients' age.

Study design: Single center retrospective study of all EV PCR positive CSF samples during 3.5 years in Bordeaux University Hospital, France.

Results: 172 patients were included. 65 were under 3 years old and 49 over 18 years old. 10% of patients had severe forms of the disease. 47 patients (27.3%) had normal CSF count and in 63 patients (36.6%) polynuclear cells predominated in CSF. Procalcitonin, Hoens' score or PCR in stool samples

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