

## عنوان مقاله:

Prevalence of Bacterial Meningitis in Children with Apparent Febrile Convulsion

## محل انتشار:

مجله بین المللی کودکان, دوره 10, شماره 11 (سال: 1401)

تعداد صفحات اصل مقاله: 6

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## خلاصه مقاله:

Background: As a pediatric emergency, febrile convulsion is the most common form of seizure in children in the age range of four months to five years. Therefore, this study aimed to investigate the prevalence of bacterial meningitis among children with simple febrile convulsion. Methods: In this retrospective study, all children aged ۶ to ۱۸ months presenting with the first episodes of simple febrile convulsions admitted to Dr. Sheikh and Imam Reza Pediatric Hospitals in Mashhad between ۲۰۱۱ and ۲۰۱۵ were tested for cerebrospinal fluid. Analysis of Age, Gender, cerebrospinal fluid, and cerebrospinal fluid culture was recorded. Results: From among ۱,۱۶۴ patients, ۳۰۵ children were enrolled in this study. Out of them, ۱۶ patients (۵.۲%) reported positive Lumbar Puncture outcomes, one (۶.۳%) of whom was less than one year old, and ۱۵ (۹۳.۷ percent) were more than one year old. Six of these patients had received the MMR vaccine one to three weeks before admission. One of the patients who tested positive for Lumbar Puncture and had a negative cerebrospinal fluid culture was admitted to the hospital with personal consent. Aseptic meningitis was diagnosed with non-positive culture in the other nine patients. No bacterial meningitis was confirmed between the evaluated patients. Conclusion: It is confirmed that the incidence of bacterial meningitis in simple febrile convulsion is very low. Therefore, the results may recommend avoiding routine Lumbar Punctures in patients with simple febrile convulsion.

## کلمات کلیدی:

Bacterial meningitis,,, ,Pediatrics,,, ,Febrile convulsion,,, ,Lumbar puncture

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