

عنوان مقاله:

PREVALENCE OF SHIGELLA IN CHILDREN WITH DIARRHEA IN TEHRAN CHILDREN S MEDICAL CENTER
HOSPITAL

محل انتشار:

نوزدهمین کنگره بین المللی میکروب شناسی ایران (سال: 1397)

تعداد صفحات اصل مقاله: 1

نویسندگان:

Melisa Eghbal - *Department of Microbiology, Department of Pathobiology, School of Public Health, Tehran University of Medical Sciences*

S.M Abrishamchian Langroudi - *Department of Microbiology, Central Tehran Pathobiology Laboratory*

M.M Soltan Dallal - *Food Microbiology Research Center, Tehran University of Medical Sciences*

خلاصه مقاله:

Background and Aim: Shigellosis is a gastroenteritis caused by infection with Shigella strains of bacterial species. It is one of the most common causes of death in children in developing countries. More than one million and hundred thousand deaths occur every year around the world. **Methods:** This study was conducted on 384 cases of suspected Shigella diarrhea from the Tehran Medical Center Hospital over a period of 24 months. First, using XLD culture and performing differential tests on suspicious colonies, the direction Initial diagnosis and differentiation. Then using anti-serum, Shigella isolates were confirmed and species was determined. **Results:** Among identified isolates, 43 isolates were isolated using Shigella Sonei isolate (55.8%) and Shigella Flexneri isolate (44.2%) with serology kit. And Shigella boydie and dysentery were not found in this study. **Conclusion:** This study suggests that in our country, the prevalence of Shigella syndrome is increasing in Iran, and according to this study, it is recommended that the necessary measures be taken to prevent the overexposure of Shigella sonnei.

کلمات کلیدی:

Shigella, outbreak, diarrhea

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