

## عنوان مقاله:

The Frequency of Recurrence of Urinary Tract Infection (UTI) in ۱- Month to ۱۲-Year-Old Children without Congenital Abnormalities Referred to Arak Amir Kabir Hospital

## محل انتشار:

مجله علمی پژوهشی دانشگاه علوم پزشکی زنجان، دوره 19، شماره 76 (سال: 1390)

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## نویسندگان:

پارسا یوسفی - *Arak Amirkabir Hospital, Arak University of Medical Sciences, Arak, Iran*

علی سیروس - *Arak Vali-e-Asr Hospital, Arak University of Medical Sciences, Arak, Iran*

زهرا مقدسی - *Arak University of Medical Sciences, Arak, Iran*

فاطمه دره - *Arak Amirkabir Hospital, Arak University of Medical Sciences, Arak, Iran*

اعظم آراوند - *Arak University of Medical Sciences, Arak, Iran*

## خلاصه مقاله:

**Background and Objective:** Urinary Tract Infection (UTI) is one of the most common diseases of childhood which may cause serious morbidity. We evaluated recurrence rate of UTI in children without congenital abnormalities who were at the age of ۱ month to ۱۲ years old. **Materials and Methods:** This cross- sectional study was carried out for three months after the termination of the treatment in order to determine the rate of recurrence and re-infection in children (sex segregationation) at the age of ۱ month to ۶ years and ۶ to ۱۲ years who did not have any anatomical or functional urinary abnormalities at Arak Amir kabir Hospital. **Results:** In total, ۲۵۰ patients (۲۲۴ girls and ۲۶ boys) were evaluated. ۱۷ girls had recurrences, of whom, ۲ cases (%۱۱/۷) were under ۱ year old, ۱۴ cases (%۸۲/۲) had ۱ to ۶ years old and ۱ case (%۵/۸) was in the ۶ to ۱۲ years old group. In the first month there was no relapse and most recurrences occurred through the third month (%۶۵). All recurrences were symptomatic. **Conclusion:** Due to low rate of recurrence of urinary infection in our study group, repeated cultures and prophylactic treatments is not recommended in children and infants without underlying congenital renal abnormalities. In such cases, UTI can be prevented by effective trainings

## کلمات کلیدی:

Keywords: Urinary tract infection, Prophylaxis, Recurrence, Relapse

## لینک ثابت مقاله در پایگاه سیویلیکا:

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