

عنوان مقاله:

Evaluation of Clinical Manifestations, Laboratory Findings and Outcome of Children with Covid-۱۹

محل انتشار:

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خلاصه مقاله:

Background: Coronavirus, a common infectious disease in the ۲۱st century, has not been studied enough in children. Therefore, this study aimed to investigate the clinical manifestations, laboratory findings, and outcomes of children with Covid-۱۹ admitted to Shahid Beheshti Hospital in Kashan during ۲۰۲۰-۲۰۲۲. Method: In this retrospective cohort study, the medical records of children with covid-۱۹ referred to Shahid Beheshti hospital in Kashan between February ۲۰۲۰ and March ۲۰۲۲ were reviewed. The information extracted from the patient's medical records included demographic variables, clinical characteristics, laboratory findings, and the outcome of covid-۱۹. The collected data were analyzed through SPSS ۱۶, using descriptive statistics (frequency distribution, mean and standard deviation) and inferential statistics (chi-square test and ANOVA). Result: The findings of ۲۷۱ children (۱۵۹ boys; ۵۲% of the age group ≤ 5 years) showed that fever (۵۷.۶%), cough (۳۹.۹%), nausea-vomiting (۳۱.۷%), and diarrhea were the most common clinical symptoms. Also, the majority of patients were in the abnormal range in terms of Monocyte (۸۹.۳%), PTT (۸۴.۷%), Lymphocyte (۸۳.۶%), Neutrophil (۸۰.۴%), and LDH (۷۴.۵%). Pulmonary involvement was present in ۱۲.۵% of children. Finally, four children (۱.۵%) died. Conclusion: Severity of lung involvement and the outcome of the covid-۱۹ disease (admission to the ICU and death) among children were at a low level, and in fact, it shows the better condition of children than adults in relation to this disease.

کلمات کلیدی:

Clinical manifestations,,, ,Laboratory findings,,, ,Children,,, ,Covid-۱۹

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