

عنوان مقاله:

Frequency of Asymptomatic COVID-19 Children and Related Oral Manifestations in ۴-۱۲-Year-Old Pediatric Dental Patients

محل انتشار:

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خلاصه مقاله:

Background: This study aimed to assess the frequency of asymptomatic coronavirus disease-۲۰۱۹ (COVID-۱۹) carriers and related oral manifestations in child dental patients. **Methods:** This cross-sectional study was conducted on ۲۱۵ asymptomatic pediatric dental patients aged ۴-۱۲ years. Clinical examination was performed by one calibrated examiner to determine oral signs and symptoms between October ۲۰۲۱ to July ۲۰۲۲. After completing clinical examination, the participants underwent a COVID-۱۹ polymerase chain reaction (PCR) test. Data were analyzed by Chi-Square, T- test, and Fisher's exact test ($\alpha < 0.05$). **Results:** The mean age of the patients was 7.71 ± 1.74 years; ۱۰۲ (۴۷.۴%) were males and ۱۱۳ (۵۲.۶%) were females. Thirty-two patients (۱۴.۹%) had a positive PCR result for COVID-۱۹. Out of ۳۲ positive subjects, ۷ (۳.۳%) had oral lesions including aphthous and herpetic ulcers. Impairment in the sense of taste was not observed in any of the patients. Association between oral symptoms, and age ($P = 0.432$) or gender ($P = 0.539$) was not significant. **Conclusion:** The prevalence of COVID-۱۹ asymptomatic carriers in the study population was ۱۴.۹%; and ۳.۳% of them had oral manifestations, which emphasizes the need for personal protective equipment to prevent infection transmission.

کلمات کلیدی:

Keywords: COVID-۱۹, pediatric dental patients, Oral manifestations

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