

عنوان مقاله:

Investigation of demographic, clinical, occupational, and personal protective attributes of healthcare workers of pediatric referral centers of southwest of Iran who have contracted Covid-19

محل انتشار:

مجله علوم پزشکی زانکو، دوره 23، شماره 77 (سال: 1401)

تعداد صفحات اصل مقاله: 13

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خلاصه مقاله:

Introduction: Healthcare workers (HCWs) are at considerable risk of contracting SARS-CoV-2 infection. So their health and safety are important to protect them and their family members, to take constant care of patients, and to prevent transmission of the disease to others. This study was conducted to investigate demographic, clinical, occupational, and personal protective attributes of medical and non-medical HCWs at the pediatric referral center of Khouzestan province who had contracted Covid-19. **Methods:** This study is a descriptive, cross-sectional study conducted on 130 HCWs (95 medical and 35 non-medical individuals) who had a positive Covid-19 PCR test result before vaccination, working at Abuzar and Shahid Baghaei-2 hospitals from February 2020 to March 2021. The subjects of the study were selected through the census. The data was gathered upon demographic information, clinical information, and personal protective equipment (PPE) checklists and has been analyzed using SPSS. **Results:** 72.6% of medical Covid-19 cases were female and 60% of non-medical Covid-19 cases were male. Regarding occupation, most of the cases were nurses. More than half of HCWs did not have any chronic, underlying comorbidities. In 58.9% of medical HCWs and 40% of non-medical HCWs, at least one family member had Covid-19 disease. The most common symptoms of the convalescence phase among HCWs were malaise/fatigue/myalgia and respiratory problems; furthermore, wearing masks and washing hands was the prevalent use of PPE among HCWs. More than 94% of HCWs had mild disease. **Conclusion:** We suggest that HCWs should have access to sufficient, and standard PPE, besides getting vaccinated with the most efficient vaccines to prevent more self-contamination and also the transmission of the disease to patients, and others.

کلمات کلیدی:

Covid-19, clinical signs, personal protective equipment, medical personnel, non-medical personnel

کووید ۱۹، نشانه های بالینی، تجهیزات حفاظت فردی، پرسنل درمانی، پرسنل غیردرمانی

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