

عنوان مقاله:

Investigating the effect of the COVID-۱۹ pandemic on the performance indicators of hospitals in ۲۰۲۰

محل انتشار:

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خلاصه مقاله:

Background: Hospitals are the most important pillar of the country's health system, especially when faced with a crisis. One of the most important indicators in evaluating hospitals is performance indicators. This research was done to investigate the effect of the COVID-۱۹ pandemic on the performance indicators of academic and non-academic hospitals in West Azerbaijan province in ۲۰۲۰. Methods: The present cross-sectional descriptive-analytical study was done on all academic and non-academic hospitals of West Azerbaijan province, which examined their performance indicators in ۲۰۱۹ and ۲۰۲۰. The data were analyzed using SPSS software by repeated-measures analysis of variance (ANOVA). Results: The results of repeated-measures ANOVA demonstrated that the effect of time (coronavirus) on the index of bed occupancy ratio was significant ($F_{2} = ۰.۲۴, P = ۰.۰۰۶$) so that it decreased this index in academic hospitals and had the opposite result in non-academic hospitals. The COVID-۱۹ had a significant effect on the index of average patient stay ($F_{2} = ۰.۴۷, P < ۰.۰۰۱$) and this index in both types of hospitals increased. Also, the COVID-۱۹ had a significant effect on bed turnover rate ($F_{2} = ۰.۳۲, P = ۰.۰۰۱$) and it decreased in both types of hospitals. Conclusion: Since academic hospitals are more responsible in dealing with epidemics, it is suggested to pay more attention to their infrastructures. Considering the financial burden of some non-communicable diseases, academic hospitals should be prepared to accept and support them, especially in the early period of the epidemic.

کلمات کلیدی:

COVID-۱۹ pandemic, Performance indicators of the hospital, analysis of variance, West Azerbaijan province

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