

Effect of National Cultural Dimensions on Epidemic Prevention and Control in a Sample of Jordanian Hospital During Epidemic COVID-19

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Abstract

This study aimed to determine the effect of national culture dimensions (power distance, collectivism, masculinity, uncertainty avoidance, and time orientation) according to the Hofstede model (2010) on the prevention and control of Covid-19 in three stages: prevention, diagnosis, and treatment in a sample of Jordanian hospitals.

This study was also concerned with studying the effect of the religious dimension as a mediating variable on the relationship between national culture and the prevention and control of Covid-19. The study sample included some of the government and private hospitals, the sample size was 220 respondents, who were distributed among these hospitals.

Currently, there are 118 hospitals in Jordan that provide services to Jordanian and non-Jordanian patients. The number of private hospitals is 69, while government hospitals are 31, military 15, and 2 university hospitals.

The study sample consisted of 220 respondents who were randomly taken from 13 public and private hospitals by means of an online questionnaire. These hospitals are: Princess Basma, hospital/Irbid, King Abdullah hospital/Irbid, Al-Bashir hospital /Amman, Prince Hamzah hospital /Amman, Dr. Jamil Al-Tutanji hospital /Amman, Arab medical center hospital /Amman, Jordan hospital/Amman, Istishari Hospital/Amman, Al Amal Hospital/Amman, Jordan University hospital/ Amman, Al-Husseini hospital/ Salt, Jerash Hospital/Jerash and Ma'an hospital/Ma'an.

The results of the study confirmed that three dimensions (power distance, uncertainty avoidance, and time orientation) had a statistically significant effect on the three stages of Covid-19, while the other two dimensions (masculinity and collectivism) had no statistically significant effect.

Based on the study results, the researcher recommended that Jordanian hospitals should be aware towards how the national cultural dimensions and components like norms and values develop a great national response to the COVID-19 pandemic for more focus and attention to this issue

Keywords: national culture, power distance. Collectivism, masculinity, uncertainty avoidance, time orientation, Covid-19.