

Evaluation of the awareness , attitude and behaviors of covid 19 patient's family members about the isolation principles of the patients at home

Abstract

Background: Adopting preventive measures in order to control COVID-19 pandemic and achieving ultimate success in dealing with it requires a high commitment from all members of society. In this regard, the awareness, attitude and behavior of the people of the society regarding the principles of isolation of patients are one of the factors influencing compliance with such measures.

Aim: To evaluate the awareness , attitude and behaviors of covid 19 patient's family members about the isolation principles of the patients at home.

Materials and methods: In this cross-sectional study, 160 people who took care of patients with covid-19 at home were included in the study using available sampling method. First, the demographic characteristics of the caregivers including age, gender, level of education, occupation, place of residence, and number of family members were collected. Then, their level of awareness, attitude, and behavior about caring for patients with Covid-19 was determined using a 22-question researcher-made questionnaire. Data analysis was done by SPSS software version 25.

Results: The mean age of caregivers was 46.4 years and 50.6% of them were male. The score of the caregivers was 70.0 ± 18.8 in the field of awareness, 76.1 ± 17.0 in the attitude field, and 85.8 ± 21.7 in the behavior field. Caregivers' awareness scores had an inverse correlation with age ($P=0.016$ and $r = -0.190$). Caregivers' awareness scores had a direct and significant relationship with education level ($P=0.014$). The scores of caregivers who received previous education on how to care for corona patients in all three areas of knowledge ($P=0.022$), attitude ($P=0.002$), and behavior ($P=0.006$) were higher than caregivers who not received education. There was no significant relationship between the level of awareness, attitude, and behavior with other variables ($P>0.05$).

Conclusion: In general, the level of awareness, attitude, and behavior of the participants in this study who were responsible for caring for Covid-19 patients at home was favorable regarding the principles of patient care. It was also found that people's level of awareness had an inverse relationship with their age and a direct relationship with their education. In addition, caregivers' knowledge, attitude, and behavior were directly related to receiving previous education about Covid-19.

Keywords: Awareness, attitude, behavior, covid-19, isolation