Disaster-related experience, knowledge and attitude, Emotional intelligence and Disaster nursing core competencies among Jordanian Emergency nurses

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ABSTRACT

Background: Disasters are sudden events that kill people and cause damage. ER nurse first one who provide first aid to victims. There is a need to regulate, and improve the care that is provided.

Aim of the study: This study aimed to determine the level of disaster-related attitude, disaster-related knowledge, disaster-related experience, trait emotional intelligence (EI), and disaster nursing core competencies of Jordanian emergency nurses and to explore the factors that impact on the core competencies in disaster nursing.

Method: A cross-sectional design study. 184 Jordanian emergency nurses selected by convenience sample, from three hospital in Amman, data collected by paper self-reported questionnaire that consist from 88 items. Descriptive and inferential analysis used.

Results: response rate was 70%, majority of the participants were female, their attitude towards disaster management was positive, moderate level of disaster-related knowledge (M= 8.7 out of 11, SD±2.2), experience during COVID-19 (M= 33.9 out of 55), a good level of trait EI (M = 4.21 out of 7), and a moderate level of disaster nursing core competencies (M= 45.6 out of 75). Furthermore, there was a significant correlation

between disaster core competencies and knowledge ($r=$ 0.16, $p=$ 0.033), experience ($r=$ 0.708, $p=$ 0.000), and trait EI ($r=$ 0.386, $p=$ 0.000).

Conclusion: The disaster nursing core competencies were positively influenced by knowledge and experience and trait EI. In addition, the study recommended the need to provide nurses and nursing students with advanced disaster courses and hands-on training and to improve nurses' trait EI through training and education.

Keywords: attitude, knowledge, experience, trait emotional intelligence, core competencies, emergency department, disaster nurse.