

# **Evaluating the effectiveness of a disaster preparedness education program among Jordanian emergency nurses**

By

**Razan Mousa Al-qbelat**

Supervisor

**Dr. Maha Mohammad Subih**

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## **Abstract**

Nursing preparedness has a significant influence on reducing the damage and consequences of the disaster. The study aimed to evaluate the effectiveness of educational program on nurses' knowledge, skills, and personal preparedness. A one-group pretest-post-test design was used. The data were collected from 50 emergency nurses by distributing the Disaster Preparedness Evaluation Tool before and after the online educational program through the Zoom application. A paired-samples t-test showed a significant increase in nurses' knowledge (pretest was (M = 4.3) and in posttest was (M = 4.8) ), the skills (pretest was (M = 3.88), and posttest (M = 4.79) ), and personal preparedness( mean was (M= 3.8), posttest (M = 4.89)). All subscales and the total scores improved significantly after the educational program. Disaster preparedness of emergency nurses can be improved by continuous educational program, which policy makers had to adopt it.

**Keywords:** Disaster, Educational program; Jordan; Knowledge, Nurses; Skills; Preparedness