



## An online education program on safe sleep infant: Exploring the impact on the Role of Community Pediatric Nurses and Midwives during Covid-19, a pre-experimental study

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### Abstract

To explore the impacts of an online education program on postnatal care and infant care in remote Jordanian rural.

**Methods:** This is a pre-experimental, one group pretest posttest education intervention conducted among a purposeful sample of 25 community pediatric nurses and midwives who worked in a primary health center, located in three borderline departments in the north-western Jordan in Irbid governorate. The study collected both qualitative and quantitative data.

**Results:** Providing an online health education program on postnatal care and infant care safe sleep infant care to medical staff in remote areas enhances their ability to share up-to-date information with parents  $P>0.5$ . There was an improvement in accessing online professional resources and prevention recommendations on postnatal care and infant care after participation in the online health education

program. This study impact on staff practices in educating mothers regarding mostly important issues regarding covid-19 crises including symptom, prevention, treatment of the symptom and how they deal with their infants during this crises. Using online education technology and social media have been identified as a cost-effective strategy, supporting timely precise professional education.

**Conclusions:** Technology plays an active role and can be used in health education programs in remote areas, where information can be communicated to health staff regardless of distance.

### Biography

An Associate Professor, Department of Maternal and Child Health, Princess Salma College of Nursing, Al-Bayt University in Jordan. Dr Hamadneh is also a registered dietitian and nutritionist, whose research focuses on maternal and child health, nutrition, and toxins and developed several intervention programs for community and especial for rural and remote areas and refugees. Dr Shereen developed an educational package to improve childcare practice in Jordan and reduce the risk of sudden and unexpected infant deaths. This project was the first of its kind in Jordan, funded through Australian aid. She established the "Happy Child and Happy Family" association in 2016 to achieve its goals and enhance the quality of childcare in Jordan and run several volunteer activities, training, and charities that help improve childcare practice and promote healthcare awareness.