

Personal Information

Name	Ahmad Abdalla Mubarak Aqel
Place and date of birth	2/11/1960 (Ain Sultan)
Faculty	Nursing
Department	Clinical

Qualifications

Qualification	Specialization	University of donor rank	Date
2013-2012	The University of Jordan	Clinical Nursing (Emergency)	Doctor of Philosophy (PhD) in nursing
August 7, 2008	American institute for healthcare quality	Healthcare Risk Management	Certification
2004	The University of Jordan	Clinical Nursing	Master Degree in Clinical Nursing (MSN)
1987	The University of Jordan	General Nursing	Bachelor Degree in Nursing Sciences (BSN)
1983	Ministry of health/Jordan Faculty of Nursing	General nursing	Nursing Diploma 3 years (36 months)

Specialization and domain of interest

Specialization	Clinical nursing/Critical Care/ Emergency Nursing
Domain of interest	Critical Care Nursing, Hemodynamic Monitoring, Quality of Nursing Care, Triage in Emergency, Emergency Disaster Planning and Management, CPR and Code Team, Acute Care Trauma, Acute Coronary Syndrome, Acute Stroke Care and Pathways, and Virtual Simulation in Nursing Education

Title and abstract of the doctoral thesis (within 150 words)**Effectiveness of Using High Fidelity Simulator on Cardiopulmonary Resuscitation Knowledge and Skills Retention of Nursing Students at The University Of Jordan.**

A rapid decline in cardiopulmonary resuscitation (CPR) knowledge and skills has been reported in nursing research. Nursing educators recommended the use of high fidelity simulations in nursing curricula to enhance learning outcomes. There is a gap in nursing literature regarding the learning outcomes of high fidelity simulators compared to traditional teaching methods.

Purpose: to examine the effect of using high fidelity simulators on the level of CPR knowledge and skills acquisition and retention compared with traditional static manikin training.

Pretest posttest method was used. A test of multiple choice questions and checklist format was used in three phases: baseline phase before training, acquisition phase immediately after training and the retention phase after three months of training . The results showed significant differences between the participants of the high fidelity simulators training group and the participants of the traditional static manikin training group on the acquisition of CPR knowledge and skills. The participants in both groups showed a decrease in their CPR knowledge and skills after three months of training. However, the retention scores of CPR knowledge and skills for the participants in the high fidelity simulators group was decreased after three months, still significantly higher than the static manikin training group.

Career Experience

Job Title	Employer/ Address	Date
Full time Lecturer	<u>Employer:</u> The University of Jordan/Faculty of Nursing/Clinical Department <u>Description:</u> (Full-time) / Education and Training BSc nursing students /faculty coordinator of clinical master courses <u>Address:</u> <i>the university of Jordan/ faculty of nursing/ Amman 11942</i> <i>Tel: + 962-6-5355000,</i> <i>Fax: +962-6-5355522</i>	2006 to date
Nursing Teacher	<u>Employer:</u> Al-Arabia Collage/ Amman/Jordan <u>Description:</u> (Full-time)/ Nursing Education and Training <u>Address:</u> <i>Amman City- Jordan</i> <i>Wasfi-Tal Street/ Amman</i> <i>Tel: +00962-6-5519102</i>	2002-2005

Staff Nurse1, Charge Nurse	<u>Employer:</u> King Faisal Specialist Hospital & Research Center/ Emergency Department. <u>Description:</u> Emergency Nursing, critical care and Trauma Care. <u>Address:</u> King Faisal Specialty hospital &RC, Riyadh/kingdom of Saudi Arabia Altakhasusi street 325-12711 Tel: 014647272, Fax: 014414839 Website: kfshrc.edu.sa	1998–2002
Charge Nurse Head Nurse Nursing Supervisor	<u>Employer:</u> Arabian oil company hospital/ Al-Khafji/ SA <u>Description:</u> (Full-time)/ Emergency Nursing, Critical care, Trauma Care/ and Nursing Administration. <u>Address:</u> Kingdome of Saudi Arabia/ Al-Khafji/ Oil Company Operation Hospital TEL: +966-3-7660555	1989-1998
Registered Nurse	<u>Employer:</u> Jordan Ministry of Health/ Al-Basheer Hospital/Amman/ Jordan <u>Description:</u> Critical care units <u>Address:</u> Amman- Jabal Al-Ashrafieh TEL: 064775111 FAX: 064772189	1985-1988
Staff Nurse /National service	<u>Employer:</u> Royal Medical Services/ King Hussein Medical City/ ICU <u>Description:</u> ICU (General and Neuro). <u>Address:</u> Al-Hussein Royal Medical Services Tel No.0096265804804 Fax: 0096265831362 Web Site: http://www.jrms.gov.jo E-mail rms@jrms.gov.jo King Abdullah II Street – Amman	1983-1985

Administrative works and committees

Administrative work and committee	Date
Clinical coordinator/ adult health courses for BSc students	2011-2015
Clinical coordinator/ critical care courses for master nursing students	2006-2011
Research Committee Member/ Faculty of Nursing	2014-2015

Rapporteur of Library Committee/ Faculty of Nursing	2014-2015
Rapporteur of Laboratories Committee/ Faculty of Nursing	2013-2014
Rapporteur of the Social Committee	2012-2013
Board Member/ Deputy of Trustee Secretary & President of Jordanian Nursing Critical Care Association , Jordan Nurses & Midwives Council (JNMC)	2009-2012
Board Member/ Chief of Science Committee, Jordan Nurses and Midwives Council (JNMC)	2006-2009

Recent Publications within last five years

Name of researcher/ Authors	Research title, Publisher, Date
Aqel, A. & Ahmad, M.	High-Fidelity Simulation Effects on CPR Knowledge, Skills, Acquisition, and Retention in Nursing Students. <i>Worldviews on Evidence-Based Nursing</i> ; 11:6, 394–400, Sigma Theta Tau International. (2014)
Ahmad Aqel, Manar, N., Waddah, D., Mohammad, W., Mohammed, Y., Maysoon, A., Dyana, A., Rugaya, Z.	Authored a book: first aid (in Arabic). 2013 2 ^{ed} edition. (2014).
Ahmad aqel, Maysoon, A., Rugaya, Z., Mohammad, W., Manal, S.	Textbook translation: Emergency First Responder: Making the Difference. Will Chapleau. Elsevier company. 2011 (first Arabic version)
Muayyad M. Ahmad, Ahmad A. Aqel.	Comparison Between Clinical Simulation and Traditional Teaching for Cardiopulmonary Knowledge and Skills. <i>International Journal of Educational Research and Information Science</i> . Vol. 2, No. 4, 2015, pp. 83-9

Scientific conferences and symposia
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Conference Title	Place and date of conference	Type of participation
Integrating the Role of the Clinical Nurse Specialist into Health Care System. (The University of Jordan/Faculty of Nursing)	The University of Jordan/Amman 21-May-2014	Attendance
Enhancing the Quality of Nursing Care The University of Jordan/Faculty of Nursing	The University of Jordan/Amman 5/June/2012	Speaker
9th International Conference for Emergency Nurses Showcasing, Exploring and Celebrating the Diversity of Emergency Nursing Practice. Australian Emergency Nursing Association	Adelaide, South Australia. October /2011	Speaker
Global Partnership in Nursing. (The University of Jordan/Faculty of Nursing)	The University of Jordan/Amman 19-20/April/2011	Attendance
The scientific conference of the 9th annual forum of Arab Hospital Federation (Arab Hospital Federation)	Beirut/Lebanon 11/March/2011	Attendance
Scientific Inquiry in Nursing Throughout the Generations. The University of Jordan/Faculty of Nursing	The University of Jordan/ Amman 13/May/2010	Attendance
The scientific conference of the 8th annual forum of Arab Hospital Federation Year 2015. (Arab Hospital Federation)	Cairo/Egypt 10-11/March/2010	Attendance
Clinical Teaching and Evaluation Workshop (CGFNS International + JNC)	Amman/Jordan 11-14 /May /2009	Attendance

Dissemination of Nursing Research Findings: A Call for Better Utilization. Faculty of Nursing/ The University of Jordan	The University of Jordan/Amman 7/April/2009	Attendance
First Arab Nurses Conference (Arab Nurses Union)	Amman/Jordan 28-31/July/2008	Speaker
The Second Arab Health Care Quality Forum. (Quality Association Inc)	Cario/Egypt 20-22/April/2008	Attendance
The less traveled road: search for new realities Jordan Nurses Council (JNC)	JNC/ Jordan 23-24/Apr/2008	Attendance
The first Conference of the Scientific Association of Colleges of Nursing of Arab Universities Entitled the Nursing Profession Reality and the challenges. The Scientific Association of Colleges of Nursing of Arab Union of Arab universities	St. Joseph University/Beirut 4-6/May/2006	Attendance
Jordan's first training conference about rooting excellence training concepts. <u>(Consulting and Technical Services and Studies Center, University of Jordan)</u> مؤتمر التدريب الاردني الاول نحو تجذير مفاهيم التميز بالتدريب	The University of Jordan/Amman 15-16/11/2005	Speaker
Nursing Reality and Aspirations <u>Al-Basheer Hospital/MOH</u> التمريض واقع وتطلعات/م. البشير	Al-Basheer Hospital/MOH/Amman 24/11/2005	Attendance
Towards Excellence Nursing Care <u>Islamic Hospital</u> نحو رعاية تمريضية متميزه	Islamic Hospital/Amman 17/9/2005	Speaker
Nursing Care Quality A key Element Towards the Accreditation of Al-Bashir Hospital. <u>MOH/Al-Basheer Hospital</u> جودة الرعاية التمريضية عنصر اساسي نحو اعتمادية مستشفى البشير	Al-Basheer Hospital/ Amman 25/11/2004	Attendance

The 10 th Conference Of Jordan Pediatric Society and the First Conference of Jordan Nurses & Midwives Council <u>Jordan Pediatric Society & JNMC</u>	Amman/Jordan 6-8/10/2004	Speaker
Nursing and Future Challenges <u>Islamic Hospital</u> التمريض وتحديات المستقبل	Amman/Jordan 17/9/2003	Attendance
National Emergency Symposium: Role of Nursing Code Team in Emergency Setting and Code Team Model Practice At KFSH&RC <u>Saudi Ministry of Health</u>	Dammam Central Hospital/Saudi Arabia 6-8/ Nov/ 2001	Speaker

Training courses

Name of course	Date
TEST development workshop/ CGFNS & JNC	2009
Patient safety (Egypt)	2009
Writing for Publication in Nursing: Reach for the stars	2008
Basic Cardiac Life Support (BLS), Advanced Cardiac Life Support (ACLS), Neonatal Resuscitation Program (NRP) American heart association (AHA).	2001
Preceptor Course/ King Faisal Specialist Hospital& RC	2000
Basic adult and Pediatric Assessment, King Faisal Specialist Hospital	1998

Other non-academic taught workshops & courses

Name of course	Date
Basic and Advanced First Aid /JU/ Jordan (multiple courses)	2006-2015
Advanced Intensive Care Nursing / JNC/Kuwait	21-25/9/2014
Intensive Care Nursing / Diploma, JNMC/ Jordan (multiple courses)	2006-2012
Electrocardiography (ECG) Reading & Interpretation , JNMC/ Jordan (multiple courses)	2006-2012

Pediatric & Adult Emergency & Disaster courses & Nursing Triage course/ JNMC/Jordan	2006-2012
Pediatric and adult nursing triage. (Amman/ Jordan)	2012
Simulation in Nursing (Amman)	2010
Emergency Medical Services Management & Triage System/ Syria and Jordan	2009-2010
Staff development and continuing education (Kuwait)	2009
Emergency Nursing (Syria).	2008
Hospital Accreditation and Magnet Hospital (Amman)	2007

Teaching activities

Taught Courses	Bachelor	Graduate
Fundamental of Nursing	√	
Physical Assessment	√	
Introduction to Adult Health Nursing	√	
Adult Health Nursing (1)	√	
Adult Health Nursing (2)	√	
Intensive Course	√	
Pathophysiology	√	
First Aid Arabic and English Courses	√	
Trends and Issues in Nursing	√	
Nursing Management (Clinical)	√	
Applied Nutrition for Nursing	√	
Critical Care 1 & 2		√
Emergency Nursing		√

Membership in scientific and professional bodies and societies

Name and place of scientific body and society	Date
Jordan Nurses and Midwives Council/Amman-Jordan	1983
Emergency Nursing Association/USA	1999