

Mohammadi, Nooredin

RN, PhD (Nursing), MSN, BSN

Assistant professor



Mailing address: Nursing and Midwifery Faculty, Iran University of Medical Sciences
Shahid Rashid Yasemi Avenue, Valiasr Street, Tehran, Iran

Phone: +98-2188882885-6
Fax: +98-2188201978
Email: nooredin.mohammadi@iums.ac.ir

EDUCATION BACKGROUND

2008 (not completed)	Graduate Diploma Cardiac Nursing	The Adelaide University Discipline of Clinical Nursing Adelaide, Australia
2008	Philosophy of Doctor Multicultural Nursing	The Adelaide University Discipline of Clinical Nursing Adelaide, Australia
1995	Mater Science Community Health Nursing	Iran University of Medical Sciences Nursing and Midwifery Faculty Tehran, Iran
1990	Bachelor Science Nursing	Iran University of Medical Sciences Nursing and Midwifery Faculty Tehran, Iran
1985	Associated Degree Nursing	Iran University of Medical Sciences Nursing and Midwifery Faculty Tehran, Iran

CAREER HISTORY

2013-now (full-time)	Assistant Professor Nursing and Midwifery Faculty	Iran University of Medical Sciences Tehran, Iran
2009-2013 (full-time)	Assistant Professor Nursing and Midwifery Faculty	Tehran University of Medical Sciences Tehran, Iran
2008- 2009 (full-time)	Registered nurse Cardiothoracic Intensive Care Unit	Royal Adelaide Hospital Adelaide, Australia
2006-2007 (part-time)	Registered nurse Cardiothoracic Intensive Care Unit	Royal Adelaide Hospital Adelaide, Australia
2003- 2007 (full-time)	PhD student Discipline of Clinical Nursing	The Adelaide University Adelaide, Australia
1998- 2003 (full-time)	Educator Nursing and Midwifery Faculty	Iran University of Medical Sciences Tehran, Iran
2002- 2003 (part-time)	Operator Urodynamic apparatus	Athari Diagnostic Medical Centre Tehran, Iran
2001-2003 (part-time)	Operator Lithotripsy apparatus	Seda o Sima Clinic Tehran, Iran
1989- 2003 (part-time)	Operator Lithotripsy and Thermo-therapy apparatuses	Shahid Shoorideh Medical Centre Tehran, Iran
1995- 1998 (part-time)	Registered Nurse Educational supervisor	Hazarat Fatemeh Hospital Tehran, Iran
1993- 1994 (full-time)	Registered Nurse Intensive Care Unit	Hazarat Fatemeh Hospital Tehran, Iran
1988- 1992 (full-time)	Registered Nurse Coronary Care Unit,	Ayatollah Kashani Hospital Tehran, Iran

1986- 1987 Registered Nurse
(full-time) Clinical supervisor

Shahid Aliabadi Hospital
Hashtroud, Iran

TEACHING AREAS

I am primarily interested in teaching qualitative and quantitative research methodologies, both at the basic and advanced levels. My areas of research interest include all aspects of acute care nursing, multicultural nursing. I am involved in teaching master and PhD students.

RESEARCH

Completed Research Projects

- **2014, Assessment of the effects of in-service education of cardiopulmonary resuscitation in fire work staffs.**
- **2014, Effects of stretch and exercise on quality of life in multiple sclerosis patients.**
- **2014, A hermeneutic study of the lived experience of patients with coronary artery bypass graft.**
- **2014, Coming from the world of blinds: a hermeneutic phenomenological study.**
- **2014, Relationship between Learning Styles and Academic Achievement and Self-Directed Learning in Nursing Students in Tehran University of Medical Science.**
- **2014, Comparing the effect of fish oil on the occurrence of atrial fibrillation with placebo after coronary artery bypass grafting surgery in patients who are undergoing CABG surgery in the Shahid Rajaie Heart Center.**
- **2013, Comparison of Quality of Life in Patients with Heart Valve Replacement before and after the surgery in Shahid Rajaie Hospital.**
- **2013, Self-care process in patients with hepatitis: redesigning Orem self-care model.**
- **2013, Barriers and measures to implement developmental care in neonatal intensive care units in teaching hospital of Tehran University of Medical Sciences.**
- **2013, The effect of incentive spirometry on lung ventilation in patients undergoing hemodialysis.**
- **2012, Comparison of two educational methods, face to face and group education on knowledge and anxiety of hospitalized patients undergoing for coronary angiography.**

-
- **2012, A Phenomenological Inquiry into Lived Experience in Women with Low-Sexual Desire.**
 - **2012, Assessment of sound stimuli in the bedside of premature neonates in NICUs of Tehran University of Medical Sciences.**
 - **2012, Comparison of students' learning and satisfaction in electronic and traditional education in Tehran University of Medical Sciences.**
 - **2012, Relationship between pressure ulcer, oxygenation and perfusion in mechanically ventilated patients in intensive care units.**
 - **2011, The relationship between moral stress and burnout among critical care nurses in Tehran University of Medical Sciences.**
 - **2011, Effects of planned rehabilitation on quality of life in post coronary artery bypass graft surgery.**
 - **2011, Effects of planned respiratory therapy on post-CABGS respiratory complication.**
 - **2011, Risk factors for development delirium in patient admitted to critical care post coronary artery bypass surgery.**
 - **2011, Effects of LI4 Ice massage on Pain during arterio-venous fistula puncture in hemodialysis patients.**
 - **2010, Comparison of the quality of life between girl and boy teenagers with major thalassemia refer to Zafar Center, 1389.**
 - **2010, Relationship between sleepiness, physical activity, and functional outcomes in Iranian patients with type II diabetes.**
 - **2010, Relationship between outcome of discontinuation from mechanical ventilation and physiological and respiratory parameters before extubation.**
 - **2010, Comparison of anxiety and depression in men and women undergoing for Intra-cardiac defibrillator.**
 - **2010. The outcomes of endotracheal suctioning in-service education on patients' physiological parameters in Hazrat Rasol Akram teaching hospital.**
 - **2007, A hermeneutic phenomenological inquiry into the lived experience of Muslim patients in Australian hospitals.**
 - **2001, Seminal characteristics of spinal cord injury to compare with non-spinal cord injury.**
 - **2000, Effects of low dose Aspirin in patients with history of two previous ICSI failure.**
 - **2000, Effects of spinal cord injury in ICSI; a retrospective randomized comparative study.**
 - **1998, Survey of the knowledge and rate of use of autologous transfusion methods by medical specialists.**

-
- **1996, Transurethral microwave thermotherapy in benign prostatic hyperplasia**
 - **1995, Evaluation of anxiety during Extracorporeal Shock Wave Lithotripsy.**

Research Projects in Progress

- **Exploring coping process of family members with hospitalization in ICU.**
- **Lived experiences of parenting in people had assisted reproductive technology pregnancy: a phenomenological study.**
- **Comparison nurses' and families' perception of the needs associated with the families of intensive care unit patients.**
- **Effects of in-service education of mouth care on patients' mouth health.**
- **Assessment of nurses' knowledge who working in critical care unit about atrial and ventricular tachyarrhythmia's in Tehran University of Medical Science.**
- **Effects of Web-based education on quality of life of Spinal Cord Injury people.**
- **Effectiveness of in-service education of management of endotracheal tube cuff on nurses' knowledge and practice.**
- **Effectiveness of video education on quality of life and satisfaction in patients with tracheostomy.**
- **Life experience of Family Members with spinal cord injury, a phenomenological study.**
- **The lived experience of spinal cord injury patients: a phenomenological hermeneutic study.**

Publications

Journal Articles

- Abbasi, M., Mohammadi, N., Nikbakht Nasrabadi, A., Boudouin F.S., Sadeghi, T., (2014), Re-Birth After Coronary Bypass Graft Surgery: A Hermeneutic-Phenomenological Study, **Global Journal of Health Science** 6(3): 235-240.
- Emamzadeh Ghasemi, H.S., Rafii, F., Farahani, M.A., Mohammadi, N., (2014), Being at Peace as an Important Factor in Acquiring Teaching Competency by Iranian Nurse Teachers: A Qualitative Study, **Global Journal of Health Science** 6(3):109-116.
- Nikfallah. A., Rezaali, S., Mohammadi, N., Abrishamkar, M., Rezaali, E., Sahraian, M.A., Pakpour, A.H., Yekaninejad, M.S., (2014), Translation, Cultural Adaptation and Validation of

the Qualiveen-30 Questionnaire in Persian for Patients with Spinal Cord Injury and Multiple Sclerosis, **Lower Urinary Tract Symptoms** doi: 10.1111/luts.12051.

- Ghorbani, A., Farahani, M.A., Mohammadi, N., (2013), Relationship between sleepiness, physical activity, and functional outcomes in Iranian patients with type II diabetes, **Jundishapur Journal of Chronic Disease Care** 2(2): 54-60.
- Askari, S.H., Mohammadi, N., Ghorbani, A., Ghafarzadegan, R., Babahaji, M., Torki, Y., (2013), Comparison of Depression Level in Patients Prior to and After Implantable Cardioverter-Defibrillator, **Advances in Biological Research** 7 (5): 175-179.
- Shamshiri, M., Mohammadi, N., Cheraghi, M.A., Vehviläinen-Julkunen, K., Sadeghi, T., (2013), Disciplined Care for Disciplined Patients: Experience of Hospitalized Blind Patients, **Holistic Nursing Practice** doi: 10.1097/HNP.0b013e3182a72bcd.
- Mohammadi, N., Ghaseminezhad, S.T., Seyedalshohadaei, M., Haghani, H., Yekaninezhad, M.S., (2013), The Role of Hemodynamic Status and the Level of Oxygenation in the Development of Pressure Ulcer in Mechanically Ventilated Patients, **Iran Journal of Nursing** 25(80): 56-64.
- Farahani, A.M., Mohammadi, E., Ahmadi, F., Mohammadi, N., (2013), Factors influencing the patient education: A qualitative research, **Iranian Journal of Nursing and Midwifery Research** 18(2): 133-139.
- Sadeghi, T., Mohammadi, N., Shamshiri, M., Bagherzadeh, R., Hosseinkhani, N., (2013), Effect of distraction on children's pain during intravenous catheter insertion, **Journal for Specialists in Pediatric Nursing** doi: 10.1111/jspn.12018.
- Mohammadi, N., HassanpourDehkordi, A., NikbakhatNasrabadi, A., (2012), Iranian Patients with Chronic Hepatitis Struggle to Do Self-Care, **Life Science Journal** 10(1): 457-462.
- Shamshiri, M., Sadeghi, T., Mohammadi, N., (2012), Using problem solving oriented method in clinical competency evaluation, **Journal of Medical Education Development** 9(2): 198-202 [Persian].
- Sadeghi, T., Shamshiri, M., Mohammadi, N., Shooghi, M., (2012), Effect of Distraction on Children's Behavioral Responses to Pain During IV Catheter Insertion, **Hayat** 18(4): 1-9 [Persian].
- Mohammadi, N., Tizhoosh, M., Seyedoshohadaei, M., Haghani, H., (2012), Face-to-Face Education vs. Group Education on Knowledge and Anxiety of Patients Undergoing Coronary Angiography, **Hayat** 18(3): 44-53 [Persian].
- Moradyan, S.T., Farahani, M., Mohammadi, N., (2012), The effect of planned breathing exercises on oxygenation in patients after coronary artery bypass surgery, **Cardiovascular Nursing Journal** 1(1): 8-14 [Persian].
- Mohammadi, N., Parviz, S., Peyrovi, H., (2012), The effect of endotracheal suctioning in-service education on patients' oxygen saturation and heart rate changes in intensive care unit, **Cardiovascular Nursing Journal** 1(1): 16-23 [Persian].

-
- Mohammadi, N., Parviz, S., Peyravi, H., Hosseini, A.F., (2012), Effect of Endotracheal Suctioning Education for Nurses on Patients' Hemodynamic Parameters, **Hayat** 18(2): 38-46 [Persian].
 - Mohammadi, N., Jones, T., Evans, D., (2008), Participants recruitment from minority religious groups: the case of the Islamic population in South Australia, **International Nursing Review** 55 (10): 393-398.
 - Mohammadi, N., Evans, D., Jones, T., (2007), Muslims in Australian hospitals: the clash of cultures, **International Journal of Nursing Practice** 13(5): 310-315.

Books

- Shamshiri, M., Mohammadi, N., Sadeghi, T., (2013), **Modern evaluation methods**, Tehran, Boshra publication [Persian].
- Khoobi, M., Mohammadi, N., Ahmadi, M., (2012), **Teaching theories and educational methods**, Tehran, Boshra publication [Persian].
- Mohammadi, N., (2010), **Clinical evaluation of nursing master students**, Tehran, Tehran University of Medical Sciences [Persian].
- Mohammadi N., and Mohammaei, F., (2002), **Mechanical ventilation**, Tehran, Iran: Mahtab publication [Persian].

Book Chapters

- Mohammadi, N., (2004), Respiratory home care, In **Handbook of home care**. Edited by F. Oskuei, Tehran, Iran: Iran University of Medical Sciences Publication.
- Mohammadi, N., (2004), Chapter 4: Genitourinary diseases, In **Medical-Surgical nursing II**, Edited by F. Oskuie, Tehran, Iran: Sanjesh.

CONFERENCE PRESENTATION

- Mohammadi, N., Challenges in Blood Transfusion, **6th Symposium on Updates in Cardiovascular Diseases**, April, 2014, Shiraz, Iran.

-
- Mohammadi, N., Shamshiri, M., Cheraghi, A., Sadeghi, T., Listen to lived experience of Iranian blind people: stereotypical care or inequitable care in clinical setting, **ICN 25th quadrennial Congress**, May 2013, Melbourne, Australia.
 - Mohammadi, N., Shamshiri, M., Sadeghi, T., Iranian health system challenges to provide equity services, **ICN 25th quadrennial Congress**, May 2013, Melbourne, Australia.
 - Mohammadi, N., Quantitative research methodologies workshop, **In-service Education workshop Series-Nursing and Midwifery Faculty**, March 2013, Tehran, Iran.
 - Mohammadi, N., Non-invasive ventilation workshop, **The Second International Congress of Immunology**, Asthma and Allergy, February 2013, Tehran, Iran.
 - Mohammadi, N., Asthma among health care professionals, **The Second International Congress of Immunology**, Asthma and Allergy, February 2013, Tehran, Iran.
 - Mohammadi, N., Delirium: challenges for critical care nurses, **1st Annual National Congress of Critical Care**, November 2012, Tehran. Iran.
 - Mohammadi, N., Patient education and culture, **1st National Patient Education Congress**, November 2012, Tehran. Iran.
 - Mohammadi, N., Non-invasive ventilation workshop, **In-service Education workshop Series-Nursing and Midwifery Faculty**, September 2012, Tehran, Iran.
 - Tizhoos, M., Mohammadi, N., Comparison the impact of face-to-face and group education on knowledge and anxiety of hospitalized patients undergoing for coronary angiography, **1st Iranian Cardiovascular Joint Congress**, October 2012, Tehran. Iran.
 - Mohammadi, N., Developing medical emergency team, **1st Iranian Cardiovascular Joint Congress**, October 2012, Tehran. Iran.
 - Mohammadi, N., Vascular nursing scope of practice, **Iranian Congress of Nursing in vascular disorders**, February 2012, Mashhad, Iran.
 - Mohammadi, N., Internationalization and globalization in nursing education, **3rd Iranian Nursing Association Congress**, January 2012, Tehran. Iran.
 - Mohammadi, N., Diagnostic tests: BNP, **The 3rd International Heart Failure Congress**, December 2011, Tehran, Iran.
 - Mohammadi, N., Ethics: strategic plan and decision making for future, **17th annual Iranian Heart Association Congress**, May 2011, Tehran, Iran.
 - Mohammadi, N., Patient education and culture: challenges and opportunities, **17th annual Iranian Heart Association Congress**, May 2011, Tehran, Iran.
 - Mohammadi, N., Respiratory isolation in N1H1 patients, **Infection Control Office of Health Ministry**, November 2010, Tehran, Iran.
 - Mohammadi, N., Evans, D., Jones, T., The lived experience of Muslim patients in Australian hospitals, **5th ICN Conference: Innovation through research and knowledge transfer**, September 2008, Toronto, Canada.

-
- Mohammadi, N., Evans, D., Jones, T., Clash of cultures in health care, **4th ICN Conference: Nurses at the forefront: Dealing with the unexpected**, May 2007 Yokohama, Japan.
 - Mohammadi, N., Latex allergy, **Nursing and Midwifery Faculty**, Iran University of Medical Sciences, May 2001, Tehran, Iran.
 - Mohammadi, N., Extracorporeal shock wave lithotripsy: past, now, future, **Nursing and Midwifery Faculty**, Iran University of Medical Sciences, December 2001, Tehran, Iran.

SPECIAL ACHIEVEMENTS AND AFFILIATIONS

Awards

- Scholarship, Health ministry of Iran, April 2003.
- Founder of Iranian Society of Phenomenology in Health Sciences.

Affiliations and Memberships

- Chair person, Iranian Society of Phenomenology in Health Sciences
- Academic member, Centre for Nursing Research
- Academic member, Brain and Spinal Cord Injury Research Centre
- Assistant professor, Faculty of Nursing
- Member, Iranian Cardiovascular Nursing Association
- Registered nurse, Australia
- Registered nurse, New Zealand
- Member, Australian Royal College of Nursing

TRAINING COURSES AND WORKSHOPS

- **Advanced Extracorporeal Membrane Oxygenation (ECMO)**, Shahid Rajaei Heart Centre, Tehran, Iran, 2013.
- **Academic writing workshop**, Tehran University of Medical Sciences, Tehran, 2012
- **Guideline Development Workshop**, Brain and Spinal Cord Injury Research Centre, Ghajereh, Iran, 2011.

-
- **Cardiac Monitoring Module**, Royal Adelaide Hospital, Adelaide, Australia, 2006.
 - **Manual Handling**, Health Management and Nursing Services, Adelaide, Australia, 2005, 2007, 2009, 2010, 2012, 2013.
 - **CPR update**, Health Management and Nursing Services, Adelaide, Australia, 2005, 2007, 2009, 2010, 2012.
 - **Research: A commercial perspective**, The University of Adelaide, Adelaide, Australia, 2005.
 - **Word 2000: Level 4, 5, 6**, University of Adelaide, Adelaide, Australia, 2005.
 - **Data Management in Excel**, University of Adelaide, Adelaide, Australia, 2004.
 - **Comprehensive Systematic Review Training Program**, Joanna Briggs Institute, Adelaide, Australia, 2004.
 - **Writing a Journal article for publication**, University of Adelaide, Adelaide, Australia, 2004.
 - **Thermotherapy of prostate** (operating Proscar apparatus), Shahid Shoorideh Medical Center, Tehran, Iran, 1994.
 - **Urodynamic studies** (interpretation and operating MMS urodynamic apparatus), Shoorideh Medical Center, Tehran, Iran, 1993.
 - **Extracorporeal Shock Wave Lithotripsy** (operating EDAP LT01 and LT02), Shoorideh Medical Center, Tehran, Iran, 1989.

Personal Qualities

- **Languages:** Turkish (Azari), Farsi, Arabic, English
- **Technical Skills:** computer hardware and software (Microsoft Office, EndNote, SPSS and MAXQDA).
- **Others:** motivated, confident, flexible