



**Curriculum Vitae**  
**Homayoon Bana Derakhshan, Ph.D.; M.Sc.; BSc**



**Contact information**

Assistant Professor of Medical Education,  
Head of Operating Room & Anesthesia Department,  
School of Nursing & Midwifery,  
Shahid Beheshti University of Medical Sciences,  
Faculty Member of Virtual University of Medical Sciences,  
BSN, RN, MSN, MS in Medical Education,  
PhD in Medical Education,  
Specialist at Gamification in Medical Education,  
Specialist at Adult & Neonatal Resuscitation & Critical Care.  
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**Fields of Interests**

- Critical Care Nursing
- C.C.U. & I.C.U.
- C.P.R. & E.C.G.
- Gamification in Medical Education
- Psychology

**Scholarly activities/ expertise**

-2016- Current Assistant professor, Head of Anesthesia & Operating Room Department. School of Nursing and Midwifery, *Shahid Beheshti University of Medical Sciences*, Tehran, Iran

-1983-2016 Faculty member, School of Nursing and Midwifery, *Shahid Beheshti University of Medical Sciences*, Tehran, Iran

## Education

-2016, Ph.D. Degree in Medical Education. Title of thesis:  
“Designing and Development of Conceptual Model Based on "Gamification Strategy" in the Curriculum of Higher Education”

From Medical Education College, Shahid Beheshti University of Medical Sciences, Tehran, Iran

-2009, MS in Medical Education

-1992, MS in Nursing in Medical-Surgical Sciences (Field of Education)

-1988, BS in Nursing

## Research

-Disability in Activities of Daily Living after Discharge from the Cardiac Care Unit: A Cross-sectional Study. **Homayoon Bana Derakhshan** and et al. Evidence Based Care Journal 2020 09:48 originally published online 01 January 2020.  
(DOI: 10.22038/ebcj.2020.41249.2102)

-The Iranian physicians attitude toward the do not resuscitate order. **Homayoon Bana Derakhshan** and et al. Dove Press: Journal of Multidisciplinary Healthcare.29 June 2016.

-The use of Gamification in Medical Educations. **Homayoon Bana Derakhshan** and et al. International Journal of Pharmaceutical Research & Allied Sciences, 2016, 5(2):355-362

-Presenting an Invented Method for Interpreting the Electrocardiogram and a Research About It. **Homayoon Bana Derakhshan**. Poster Presentations from the WORLD CONGRESS OF CARDIOLOGY Scientific Sessions 2010/

-The effect of the “segment” of spinal cord injury on the activity of the nucleotide-binding domain-like receptor protein 3 inflammasome and response to hormonal therapy. **Homayoon Bana Derakhshan** and et al. Wiley Press: Cell Biochem Funct. 2020;1–10.  
(DOI: 10.1002/cbf.3574)

## Professional Employment

-ICU Nurse in Iran Mehr Hospital, Tehran, Iran. For 2 years

-ICU Nurse in Mehr Hospital, Tehran, Iran. For 4 years

-CCU Nurse, Head Nurse, Educational Supervisor in Alghadir Hospital, Tehran, Iran. For 5 years

-CCU Nurse, Educational Supervisor in Tehran clinic Hospital, Tehran, Iran. For 3 years

-ICU Nurse in Day Hospital, Tehran, Iran. For 2 years

-Lecturer of Adult and Neonatal Resuscitation in Nursing Organization and Dental Association and Medical Practitioner Council of Iran

-Presenting educational programs about “First Aid” and “Change “in Radio and Television Organization for domestic and abroad

-Scientific Secretary and lecturer of 26 Quarterly scientific conference of Medical Association

-Presenting 250 workshop about Adult and Neonatal Resuscitation. EKG, Effective Communication, Stress Management, Happy Living ,...for many Organization and Hospitals of Iran.

-Scientific Secretary and lecturer of many Medical and Nursing International Congresses in Iran

**Honors/ Awards**

- Top Researcher in Research Festival, Shahid Beheshti University of Medical Sciences, 2004
- Selected Faculty Member in University, Shahid Beheshti University of Medical Sciences, 2004
- Invention of Electrocardiography System for Education

**Professional Affiliation**

- Shahid Beheshti University of Medical Sciences, Tehran, Iran, 1991- Current.

**Presentations:**

	<b>Congress</b>	<b>Date and place</b>	<b>Title of Article</b>	<b>Presentation</b>
1	11 <sup>th</sup> International Nursing Research Conference	14-16 Nov. <b><u>2007 Madrid, Spain</u></b>	The Effectiveness of Continuing incidental education on knowledge of occupying nurse's about C.P.R.	Oral
2	10 <sup>th</sup> congress of the world federation of societies of intensive and critical care medicine- 6 <sup>th</sup> Annual congress of the world federation of critical care nurses	Aug.28-1Sep. <b><u>2009 Florence, Italy</u></b>	The Comparison Research on the learning level of Nursing senior students about the interpretation of E.K.G	Oral
3	World congress of Cardiology & Stroke	16-19 June <b><u>2010 Beijing- China</u></b>	Presenting an invented method for interpreting the electrocardiogram and a research about it.	Poster
4	An International Association for Medical Education (AMEE 2009)	14-18 Sep. <b><u>2006 Genoa, Italy</u></b>	Comparison of awareness, attitude and professional function of nurses from the viewpoints of nurses, colleagues, instructors and patients.	Printed in Abstract book
5	11th Annual Spring Meeting on Cardiovascular Nursing	1-2April <b><u>2011 Brussels, Belgium</u></b>	Reading and interpreting the ECG in clinical practice. Presenting an invented method for interpreting the electrocardiogram and research about it.	Printed in Abstract book
6	6 <sup>th</sup> Middle East	24-27 Jan. <b><u>2012</u></b>	Presenting an	Oral

	Cardiovascular Congress	<b><u>(Gloria Hotel) Dubai. UAE</u></b>	invented method for interpreting the electrocardiogram and research about it.	
7	5 <sup>th</sup> International Conference on Health Professions Education	October 29 <sup>th</sup> ,2021 University College of Medicine & Dentistry, UOL	The Use of Gamification in Medical Education	Oral

### **Professional Membership**

- Surgeons Association of Iran. 1993- Current.
- Atherosclerosis Association of Iran.2000 - Current.
- Critical Nursing Association of Iran .2014- Current.
- Faculty Member of virtual University of Medical Sciences, Ministry of Health and Medical Education. From 2016 - Current.

### **Editorial Board/ Reviews**

- An Editorial Board Member of Acta Scientific Women’s Health journal from Acta Scientific Open International Library .2019 – Current
- Reviewer in of Ethics and Culture in Nursing and Midwifery
- Reviewer in Journal of Advances in Nursing and Midwifery
- Editorial board of Iranian Journal of Critical Care Nursing
- Reviewer in Journal of Fasa University of Medical Sciences.
- Reviewer in Journal of National agency for Strategic Research in Medical Education.
- Reviewer in Virtual University of Medical Sciences
- Reviewer in Iranian Journal of Medical Ethics
- Reviewer in Iranian Journal of Nursing and Midwifery Research
- Reviewer in Iranian Journal of Nursing Education
- Reviewer in Journal of Clinical Nursing
- Reviewer in Journal of Ethics and Culture in Nursing and Midwifery
- Reviewer in Journal of Nursing Education
- Reviewer in Journal of Qualitative Research in Health Sciences
- Reviewer in Journal of research in Religion and Health
- Reviewer in Medical Ethics
- Reviewer in Nursing Ethics
- Reviewer in Teb va Tazkiyeh Magazine

### **Book Author: (In Persian)**

- Handbook of Nursing and Midwifery in 2 Volumes
- Critical Care Nursing at a glance
- Surgical Instruments Apparatus (Encyclopedia)
- Critical Care Nursing (2 Volume)

### **Translation: (English to Persian)**

- Spine and Orthopedic Surgical Approach
- Clinical Photographic dissected of the Human Body

**Language Proficiency**

- Persian (Mother language)
- English (Good)

**Interests/Hobbies**

- Traveling
- Reading
- Walking
- Swimming
- listening Music's