



Tabriz University of Medical Sciences (TUOMS)

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Education

- Bachelor of Nursing (Operating Room Basic), Mashhad University of Medical Sciences 1993
- Master of Medical-Surgical Nursing, Tabriz University of Medical Sciences, 1998
- PhD in Nursing Education, Tabriz University of Medical Sciences, 2014

Executive positions

- Vice Chancellor for Education, Faculty of Nursing and Midwifery, Tabriz University of Medical Sciences, 2004-2007
- Head of Surgical Technology Laboratory, School of Nursing and Midwifery, 2008-...
- Head of the Medical Education Development Office of the School of Nursing and Midwifery, 2014-2015

- Vice Chancellor for Research, Technology and Postgraduate Studies, Tabriz School of Nursing and Midwifery, 2017 ...
- Member of the Medical Emergency Board of Examiners, Evaluation and Planning of the Iran Ministry of Health and Medical Education, 2006-2010
- Member of the Operating Room Board of Examiners, Evaluation and Planning of the Iran Ministry of Health and Medical Education, 2017-...
- Member of the Educational Council of Tabriz University of Medical Sciences, 2002-2004
- Member of the Educational Council of Tabriz University of Medical Sciences, 2017....
- Member of the Research and Technology Council of Tabriz University of Medical Sciences.2018 ...
- Member of the research council of Sina Hospital of Tabriz University of Medical Sciences. 2019 ...
- Member of the Research Council of the Medical Education Research Center, Tabriz University of Medical Sciences.2021 ...

System planning and development

- Collaborate in the development of the Paramedic medical emergency curriculum, Tabriz School of Nursing and Midwifery .2003
- Development of Surgical Technology Laboratory - Tabriz School of Nursing and Midwifery .2008
- Collaborate in the development of the clinical skills center for infants and children - Tabriz School of Nursing and Midwifery – 2013
- Development of a family-centered training and follow-up nursing clinic for burn patients - Sina Hospital of Tabriz University of Medical Sciences.. 201
- Development of the Burn Registry Program, Sina Hospital of Tabriz University of Medical Sciences. 2020

Published books

- Nursing care and safety considerations during electro surgery, Tabriz University of Medical Sciences Publications. 2006
- A Comprehensive guide for nursing in the operating room, Tabriz University of Medical Sciences Publications. 2002, 2005
- Nursing and burns wound care, Tabriz University of Medical Sciences Publications.2005

Guidance and counseling for postgraduate dissertations and implementation of research proposal

1. Comparison of the effect of 70% ethyl alcohol and 2% chlorhexidine gluconate and 10% betadine in the prevention of phlebitis at the site of peripheral venous catheters of patients admitted to the internal wards of Tabriz teaching hospitals.
2. The status of triage and the factors affecting decision-making in the emergency departments of Tabriz.
3. The effect of preoperative nursing appointment on anxiety of patients undergoing surgery admitted to Imam Khomeini Hospital.

4. Comparison of the effect of dressing with silver sulfasiazine and nitrofurazone on burn wound infection in children.
5. Problems of clinical education from the perspective of nursing teachers and students of nursing and midwifery schools affiliated to Tabriz University of Medical Sciences.
6. A Survey of Patients' Perspectives on Factors Affecting the Satisfaction of Patients Referred to Emergency Departments of Tabriz University of Medical Sciences.
7. Cost-effectiveness of biological, synthetic and conventional dressings in nursing care of burn wounds of children admitted to the pediatric burn ward of Tabriz Sinai Medical Center.
8. Determining the relationship between pain intensity and emotional-behavioral and psychological responses of patients admitted to burn wards of Tabriz Sina Hospital.
9. Professional socialization of the students and nursing graduates of Tabriz School of Nursing and Midwifery.
10. The Impact of Integrated Simulation Training and Critical Thinking Strategies on Clinical Decision Making
11. Ethical atmosphere and its relationship with attitudes toward students' field of study and job satisfaction in operating room staff.
12. The effect of post-discharge education on the quality of life of burn patients.
13. The effect of early mobilization program on length of hospital stay, independent functioning and quality of life of burn patients .
14. Comparison of two methods of reporting through feedback with verbal discussion and feedback with video screening in nursing education.
15. The effect of hypnosis on pain and anxiety in burn patients of Imam Khomeini Medical Center in Urmia .
16. Evidence-Based Comparison of Biological Dressings with Common Methods in Burn Treatment: An Economic Evaluation Study 2017 .
17. The effect of aloe vera gel on healing, pain and itching of burn wounds of patients admitted to Sina Hospital, 2016
18. Cultural sensitivity and its relationship with the level of work interaction among nurses working in Tabriz educational and medical centers in 2015.
19. Development of hand burn dressing protocol and the effect of its implementation on burn outcomes of patients in comparison with the routine method in Sina Hospital in Tabriz in 2017
20. Determination of lethality indices in burn patients admitted to Sina Hospital during the last 5 years (2014-2010) .
21. The effect of implementing the "Nurse Accompaniment" program on the health consequences of mothers of cesarean section candidates in Al-Zahra Educational and Medical Center, 2016
22. A Survey on the quality of life of burn survivors admitted to Sina Hospital in Tabriz during 2011-2013.
23. Developing the Roles of the Faculty Members Based in the Nursing Clinic: Participatory Research Action.
24. Nurses' knowledge, attitude and practice about bed sores in educational and medical centers in Tabriz .
25. Scenarios for home health care in the 20-year horizon : A future study
26. The effect of breathing techniques on the severity and catastrophic pain and tolerability of burn patients: a quasi-experimental study.

27. Comparison of the effect of conventional education and simulation using appendectomy simulation model on the knowledge and clinical skills of surgical technology students of Tabriz University of Medical Sciences.
28. The effect of using home visit program on quality of life, social support and pain of burn patients after discharge from hospital.
29. Sleep quality and related factors in burn patients admitted to Sina Hospital, Tabriz University of Medical Sciences.
30. Cultural competence of nursing teachers in medical universities of regional planning 2 Iran.
31. Development of a system for applying nursing diagnoses in the clinic: Action Research.
32. The effect of clinical learning guide (log book) on nursing students' learning.
33. Nursing students' perceptions of the clinical education environment in the surgical departments.
34. Comparison of perceptions of injustice in relationships, marital satisfaction and attachment between couples.
35. The process of returning burn patients to the community and presenting a model.
36. The effect of post-discharge education on the quality of life of burn patients.
37. Evaluation of cost effectiveness of silver nanocrystals compared to silver in burn wounds.

Published articles

1. Comparing Dressing with Silver Sulfadiazine and Nitrofurazone on Burn Wound Infection Among the Patients Admitted to the Pediatric Burn Ward in Tabriz, 2005. *Journal of Guilan University of Medical Sciences / Volume 15 / Mare / 60 Winter 2006.*
2. Evaluation of cases of hand and forearm dermatitis in operating room nurses. *Medical Journal of Tabriz University of Medical Sciences. Summer 2004, Volume 38, Number 62; From page 61 to page 6*
3. A Survey of Patients' Perspectives on Factors Affecting the Satisfaction of Emergency Patients - *Journal of Tabriz School of Nursing and Midwifery*
4. Evaluation of sensory experiences of patients admitted to intensive care units Tabriz University of Medical Sciences, 2002. *Scientific Research Journal of Ardabil University of Medical Sciences. Volume 6, Number 4, Winter 2006, Pages 339 to 344*
5. Prevention and treatment of lymphedema in cancer patients. *Scientific Research Journal of Mashhad School of Nursing and Midwifery .*
6. The effect of preoperative nursing appointment on serum cortisol levels in patients waiting for surgery. *Medical Journal of Tabriz University of Medical Sciences. Winter 2008, Volume 30, Number 4; From page 13 to page 16*
7. Comparison of effect of three disinfecting solutions of 2% chlorhexidine gluconate, 70% ethylic alcohol and 10% betadine in prevention of phlebitis . *Medical Journal of Tabriz University of Medical Sciences. Fall 2008, Volume 30, Number 3; From page 55 to page 60.*
8. Prevention of phlebitis associated with peripheral vein catheters: Comparison of two disinfectant solutions. *Journal of Tabriz School of Nursing and Midwifery. 2007*
9. The effect of using LOGBOOK clinical learning guide on nursing students' learning. *Isfahan Iranian Journal of Medical Education.*

10. The effect of preoperative nursing appointment on serum cortisol levels in patients waiting for surgery. *Medical Journal of Tabriz University of Medical Sciences*. Winter 2008, Volume 30, Number 4; From page 13 to page 16.
11. Experiences and educational activities required to play the role of triage in Tabriz emergencies. *Journal of Tabriz School of Nursing and Midwifery*. 2008
12. The effect of synthetic dressing on burn wound healing. *Journal of Tabriz School of Nursing and Midwifery*. 2009
13. Comparison of operating room training program in Iran and other top universities in the world. *Ofogh Journal of Medical Education Development Mashhad*.
14. Perspectives of Nursing Students on the Use of Interactive Logbooks in Clinical Education *Ofogh Journal of Development of Medical Education Mashhad*.
15. Development of a strategic training program for the operating room undergraduate course using the TOWS matrix. *Ofogh Journal of Medical Education Development Mashhad*.
16. Designing of Electronic Health Record Software in the Nursing and Midwifery Faculty of Tabriz. *Res Dev Med Educ*, 2012, 1(1), 17-20 doi: 10.5681/rdme.2012.005
17. The level of professional socialization of nursing graduates. *Journal of Tabriz School of Nursing and Midwifery* .
18. Burn pain and patients' responses. *Journal of the International Society for Burn Injuries*, 14 May 2010, 36(7):1129-1133 DOI: 10.1016/j.burns.2010.02.007
19. Association Between Behavioral Responses and Burn Pain Intensity. *Trauma Mon*. 2017 May; 22(3):e39442 doi: 10.5812/traumamon.39442
20. Assessment of patient's experiences which are under surgical eye operation at operation room in Besat hospital of Hamadan. 2010. *Procedia - Social and Behavioral Sciences* 31 (2012) 756 – 761
The Effective Factors on Satisfaction from the View Point of Patients at the Emergencywards in Tabriz emam and Sina Hospitals, (2010) *Procedia - Social and Behavioral Sciences* Volume 31, 2012, Pages 750-755
21. Consequences of applying the clinical educational partner model on the education of operating room undergraduate students. *Nursing education*. Fall 2012, Volume 1, Number 1; From page 78 to page 83
22. Self-Disruption: Experiences of Burn Survivors. *Qualitative facts in health sciences*. Fall 2014, Volume 3, Number 3; From page 269 to page 280
23. Status of triage in emergency wards of Tabriz hospital according to physicians and nurses working in 2008. *Scientific Journal of Rescue and Relief*. Information Number: 1392, Volume 5, Number 4; From page 35 to page 45
24. Burn Survivors' Experience of Core Outcomes during Return to Life: a Qualitative Study. *Journal of Caring Sciences*, 2014, 3(4), 227-237 doi:10.5681/jcs.2014.025
25. The concept of evidence-based nursing and nursing education. *Iranian Journal of Medical Education* . September 2014, Volume 14, Number 6; From page 0 to page
26. Challenges associated with the implementation of the nursing process: A systematic review. *Iranian Journal of Nursing and Midwifery Research*. 2015, Volume 20, Number 4; From Page 411to 419
27. Experience of living with burn injury: A qualitative study. *Journal of Urmia School of Nursing and Midwifery*, Volume 13, Number 2, Continued 67, May 2015, pp. 135-124

28. Preserving Self-Concept in the Burn Survivors: A Qualitative Study. *Indian J Palliat Care*. 2015 May-Aug; 21(2): 182–191. doi: 10.4103/0973-1075.156492
29. Attitudes of operating room students towards their field of study. *Iranian Journal of Nursing*. November and January 2015, Volume 27, Number 91-90; From page 65 to page 72
30. Ethical atmosphere and its relationship with operating room students to their field of study in teaching hospitals affiliated to Tabriz University of Medical Sciences in 2014. *Iranian Journal of Medical Ethics and History*, December 2014, Volume 7, Number 5; From page 94 to page 104
31. The main concern of burn survivors in Iran. *Iran J Nurs Midwifery Res*. 2016 Jul-Aug; 21(4): 410–41 doi: 10.4103/1735-9066.185593
32. Experiences and clinical decisions of operating room nurses based on banner theory. *Journal of Babol University of Medical Sciences*. April 2016, Volume 18, Number 4; From page 35 to page 40
33. Frequency and risk factors of pressure injuries in clinical settings of affiliated to Tabriz University of Medical Sciences. *Nurs Open*. 2021 Mar; 8(2): 808–814. doi: 10.1002/nop2.685
34. The relationship between occupational hazards and intention to leave the profession among preoperative and anesthesia nurses. *Nurs Midwifery J* 2020, 18(7): 532-542
35. Development of family-based follow-up care system for patients with burn in Iran: Participatory action research. M Lotfi, .*Nursing Open* 7 (4), 1101-1109.2020
36. Development of nursing care guideline for burned hands. M Lotfi, A Mirza Aghazadeh, B Davami, , *Nursing Open* 7 (4), 907-927.2020
37. Nursing diagnosis identification by nurses in burn wards: A descriptive cross-sectional study M Khajehgoodari, .*Nursing Open* 7 (4), 980-987.2020
38. The implementation of the nursing process in lower-income countries: An integrative review. *Nursing open* 7 (1), 42-57.2020
39. Moral distress and burnout in Iranian nurses: The mediating effect of workplace bullying. *Nursing ethics* 26 (6), 1834-1847.2019
40. Assessment of nurse–patient communication and patient satisfaction from nursing care. *Nursing open* 6 (3), 1189-1196.2019
41. Development of Project-based learning method tasks and its effects on Learning Style of the Undergraduate Students of Operating Room. *Education Strategies in Medical Sciences* 11 (5), 152-159.2019
42. Challenges and barriers faced by home care centers: An integrative review. *Medical-Surgical Nursing Journal* 7 (3).2018
43. Social participation, social support, and body image in the first year of rehabilitation in burn survivors: A longitudinal, three-wave cross-lagged panel analysis using. *Burns* 44 (5), 1141-1150.2018
44. The effect of pre-discharge training on the quality of life of burn patients. *Journal of caring sciences* 7 (2), 107
45. Lethal area 50 in patients with burn injuries in North West, Iran. *Journal of caring sciences* 7 (1), 53.2018
46. Hypnosis for reduction of background pain and pain anxiety in men with burns: a blinded, randomised, placebo-controlled study. *Burns* 44 (1), 108-117.2018.2018

47. The Effect of "Nurse Companionship" on Anxiety and Vital Sign Changes of Cesarean Section Candidates: A Randomized Control Trial. *Crescent Journal of Medical and Biological Sciences*. Vol. 7, No. 2, April 2020, 267–273.2020
48. Iranian nurses' knowledge, attitude and behaviour on skin care, prevention and management of pressure injury: A descriptive cross-sectional study. *Nursing open* 6 (4), 1600-1605.2019
49. Design of project-oriented assignments and its effect on the learning style of undergraduate operating room undergraduate students. *scientific Journal of Education Strategies in Medical Sciences*. Volume 11 Number 5 Pages 152-159
50. Investigating the effect of combined exercise and inhalation of lavender essential oil for resistance to the quality of operational technologies. *Journal of Occupational Health and Safety*. Volume 11, Number 1 (1-1400) Volume 11 Number 1 Pages 26-39
51. Assessing the clinical competence of teachers of different levels of nursing from the perspective of students. *Educational Strategies in Medical Sciences* Volume 13, Number 2 (June-July 2016)

Presenting abstracts in scientific conferences

1. Relaxation as a basis for promoting community Health National Seminar on Education for the Client Urmia, 2007
2. The use of phototherapy in seasonal mood disorders. Nationwide Training Seminar for the Client Urmia, 2007
3. Phototherapy in hyper bilirubinemia neonates. Student Symposium Common diseases and problems in Neonates Tabriz, 2007
4. Stress and Nursing . National Seminar on Nursing Theories and Concepts, Tabriz, 2006
5. The effect of the implementation of the nursing process on the quality of intensive care. National Seminar on Nursing Theories and Concepts (Tabriz) 2006
6. A Comparative Study of Three Surgical Gas Counting Methods in the Operating Room of Neishabour Hospital, 22 Bahman. Tehran National Nursing Care Seminar, 2000
7. Chest Nursing News: According to the report of 100 cases of chest trauma in Imam Hospital of Tabriz, National Seminar on Khorramabad Accidents, 2000
8. The position of nursing in the evaluation and treatment of burn wounds. Ninth National Seminar of Students of Islamic Azad University of Tabriz, 2001
9. Application of Nursing Process in Education of Nursing Students Semester 6. Congress of New Nursing Approaches, Tehran, 2001
10. Report of three cases of burns due to misuse of ELS unit, from the operating room of Tabriz. Patient National Safety Seminar ,2001
11. Study of how to count gases and surgical instruments and compare it with operating room standards. National Conference on Ethics and Law in Nursing, Tabriz, 1381
12. The subject of vital records in the children's section of the National Conference on Ethics and Law in the Nursing Profession of Tabriz, 2002
13. Evaluation of sensory experiences of patients admitted to ICU wards. National Conference on Deprivation and Sensory Overload, Tabriz 2002
14. A comparative study of the status of thalassemia patients in East Azerbaijan province during the years 1995-2000, the first conference of nurses and health promotion of children in Tabriz, 2002

15. Strategies for controlling obesity in children The first conference of nurses and promoting children's health in Tabriz, 2002
16. Evaluation of cases of hand and forearm dermatitis in operating room nurses ,National Conference on Occupational Risks among Arak Health workers, 2002
17. Strategies for controlling obesity in children. The first conference of nurses and promoting children's health in Tabriz, 2002
18. Child Health and Burn Risk: A Study of Burn Cases of Children Hospitalized in Burn Ward. First Conference of Nurses and Promotion of Child Health in Tabriz, 2002
19. Investigation of self-immolation cases in burn wards of Sina Hospital Tehran National Burn Congress 2002
20. Operating Room Standards and Nurses' Moral and Legal Responsibility for Remaining a Foreign body Object at Surgery Site. Annual Congress of the Iranian Society of Surgeons, Tehran, 2003
21. Evaluation of the performance of gynecology and midwifery staff regarding the timely start of breastfeeding. National Conference on the status of the midwifery profession in Tabriz society, 2003
22. Rehabilitation in patients with stroke. The first conference of modern nursing approaches in sensory-motor disorders, Tabriz,2003
23. A Survey of Patients with Stroke's Awareness of Risk Factors. The First Conference on New Nursing Approaches in Sensory and Motor Disorders, Tabriz 2003
24. Nursing care during electro surgery. Seminar on working principles in the operating room , Tabriz ,2003
25. Nursing Home: The Need of Today's Iranian Society. Home Care Seminar, Tabriz ,2004
26. Elderly, home care and solutions. Home care seminar, Tabriz, 2004
27. The role of education in dealing with crises. Provincial Conference on Nursing Management and Care in Crisis , Tabriz,2004
28. Self-immolation is a way to escape from family crises. Second National Conference on Family Crisis – Tabriz, 2004
29. Investigating the causes of self-immolation in women National Conference on Promoting Women's Health , Mashhad , 2004
30. Prevention of Burns: A way to promotion of pediatric health ,, International conference (Dhaka, Bangladesh), Bangladesh,2006
31. The most important factors affecting the educational planning of nursing students , The 7th National Conference on Education in Tabriz , 2005
32. Survey of the views of the instructors of Tabriz School of Nursing and Midwifery about the effect of motivational factors on their performance in 2006 National Conference on Clinical Education in Nursing and Midwifery - , Tabriz , 2006
33. The necessity of applying the problem solving process in the clinic of the National Conference on Clinical Education in Nursing and Midwifery , Tabriz ,2006
34. Comparison of different tools for pain assessment in burn patients in burn wards of Sina Hospital , 7th Annual Conference of the Association for the Assessment and Studies of Pain in Iran , Tabriz, 2006. Adaptation in patients undergoing hemodialysis, National Congress of Kidney Transplant Nursing and Dialysis ,Mashhad, 2008
35. MSn Students Experiences of Teaching using Integrated Method . National Conference on Clinical Education in Nursing and Midwifery ,Ardabil, 2009

36. Epidemiology of Child Burn in Tabriz and Child Care ... National Conference on Challenges of Care in Chronic Diseases of Children , Tabriz,2010
37. Intelligent computer simulation a way to teach students' clinical decision-making skills, 3rd Congress of Nursing and Midwifery Education. Iran, Tabriz,2010
38. Status of knowledge and skills of undergraduate students in the operating room following the use of simulation and role playing. National seminar on nurses, midwives and research, Golestan,2010
39. Launch of Surgical Technology Simulation Lab: An Overview of Experience. First National Conference on Clinical Skills: More Safety, Better Performance , Isfahan,2011
40. Opinions of operating room students about evaluation in the surgical technology laboratory , The 3rd Congress of Nursing and Midwifery Education , Tehran,2009
41. Achieving the minimum learning requirements of operating room students in the surgical technology laboratory. The 3rd Congress of Nursing and Midwifery Education, Tehran, 2009
42. Nursing students' views on the use of interactive logbooks in clinical education. 12th National Conference on Medical Education , Mashhad, 2011
43. Introduction of an electronic registration software for assessing the health status developed in the School of Nursing and Midwifery, Tabriz, 2010
44. Experiences of operating room students regarding patient rights charter in operating rooms of teaching hospitals: a report of a phenomenological study,National Conference on Opportunities and Challenges of Establishing Patient Rights Charter ,Yasuj , 2011
45. The role of critical thinking in increasing patient safety in the operating room. The first safety conference in the health system with a focus on patient safety, , Urmia, 2011
46. Consequences of using e-learning package in nursing education , National Seminar on Medical Education Development , Kurdistan, 2010
47. On the Dark Use of Electronic Methods in Education and Critique of the Application of E-Learning ,National Seminar on the Development of Medical Education, Kurdistan, 2010
48. Ethical and Legal Challenges and Solutions Presented in Iranian Nursing. The Second Annual Congress of Medical Ethics - Medical Ethics in the Health System, 2011
49. Creativity in Clinical Education for Operating Room Students: Experience in Designing and Manufacturing of Appendectomy Manqin, 15th Medical Education Conference, Yazd, 2014
50. Evidence-Based Education, 15th Conference on Medical Education, Yazd ,2014
51. Holistic Nursing Care Model for burn patients, the self disruption to coming back to existence: to achieve the same nursing pattern in the country, Burns Congress, Mashhad, 2016