



First Name: Maryam

Last Name: Aalaa

Academic Degree: Ph.D. Student in Medical Education

Department: Medical Education

University: Iran University of Medical Sciences

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Educational Background:

- **BSc in Nursing** (2001-2005), Tehran University of Medical sciences
- **MSc in Medical Education** (2010-2013), Tehran University of Medical Sciences
- **PhD Student in Medical Education** (from 2017), Iran university of Medical Sciences

Certificates:

- International Interprofessional Wound Care Course (IIWCC) – Vocational Course Toronto – Tehran 2009
- Steno Diabetes Courses in Clinical Diabetes Care – Turkey- 2015

Awards, Grants, Scholarships:

- First degree of doctoral exam in medical education 2016
- Top student in master of Medical Education, Tehran University of Medical Sciences, 2013
- First degree of book translation in the first national science and research nursing festival 2008
- Top student in bachelor of Nursing, Tehran University of Medical Sciences, 2005

Scholarly Papers Published:

1. Soltani A, Monajemi A, Allaa M, Moosapour H, Aletaha A, Shahrtash F, et al. Infusing the teaching of critical thinking into undergraduate medical education: lessons learned from a three-year longitudinal study. *Medical Research Archives*. 2017;5(8).
2. Soltani A, Allaa M, Moosapour H, Aletaha A, Shahrtash F, Monajemi A, et al. Integration of cognitive skills as a cross-cutting theme into the undergraduate medical curriculum at Tehran University of Medical Sciences. *Acta Medica Iranica*. 2017;55(1):68-73.
3. Peimani M, Bandarian F, Aalaa M, Kouhnavard M, Nasli-Esfahani E, Larijani B. Iran Diabetes Research Roadmap (IDRR) study; patient education in diabetes: A review article. *Iranian Journal of Public Health*. 2017;46:10-6.
4. Nasli-Esfahani E, Farzadfar F, Kouhnavard M, Ghodssi-Ghassemabadi R, Khajavi A, Peimani M, et al. Iran diabetes research roadmap (IDRR) study: a preliminary study on diabetes research in the world and Iran. *Journal of Diabetes & Metabolic Disorders*. 2017;16(1):9.
5. Aalaa M, Varzaneh FN, Maghbooli Z, Samandari N, Mostafavi A, Salemi S, et al. Influence of MTHFR gene variations on perceived stress modification: Preliminary results of NURSE study. *Medical journal of the Islamic Republic of Iran*. 2017;31:128.
6. Aalaa M, Sanjari M, Shahbazi S, Shayeganmehr Z, Abooeirad M, Amini MR, et al. Diabetic foot workshop: Improving technical and educational skills for nurses. *Medical journal of the Islamic Republic of Iran*. 2017;31:8.
7. Aalaa M, Sanjari M, Meybodi HRA, Amini MR, Qorbani M, Adibi H, et al. The Effectiveness of a Peer Coaching Education on Control and Management of Type 2 Diabetes in Women: A Protocol for a Randomized Controlled Trial. *International journal of community based nursing and midwifery*. 2017;5(2):153.
8. Amini MR, Mehrdad N, Sanjari M, Aalaa M, Shahbazi S, Shaygabmehr Z, et al. Diabetic foot workshop to apply interactive learning method for nurses: working with real patient as a teaching strategy. 2016.
9. Aalaa M, Mehrdad N, Sanjari M, Amini MR, editors. Assessment of fall status and activity of daily living in older people with type 2 diabetes. 18th European Congress of Endocrinology; 2016: BioScientifica.
10. Sanjari M, Baradaran HR, Aalaa M, Mehrdad N. Barriers and facilitators of nursing research utilization in Iran: A systematic review. *Iranian journal of nursing and midwifery research*. 2015;20(5):529.

11. Mehrdad N, Yaghoobi N, Aalaa M, Zolfaghari M. Evaluation of perceived satisfaction, usefulness and efficiency of virtual workshops from the perspective of faculty members and postgraduate students of Tehran University of Medical Sciences. *Journal of Medical Education Development*. 2015;8(18):125-36.
12. Bigdeli S, Pakpour V, Aalaa M, Shekarabi R, Sanjari M, Haghani H, et al. Clinical learning environments (actual and expected): perceptions of Iran University of Medical Sciences nursing students. *Medical journal of the Islamic Republic of Iran*. 2015;29:173.
13. Moradi M, Mehrdad N, Nikpour S, Haghani H, Aalaa M, Sanjari M, et al. Sleep quality and associated factors among patients with chronic heart failure in Iran. *Medical journal of the Islamic Republic of Iran*. 2014;28:149.
14. Aalaa M, Peimani M, Mirzabeigi S, Salemi M. Undergraduate nursing students' learning styles in Iran. *Journal of Medical Education Development*. 2014;7(16):19-27.
15. Aalaa M, Peimani M. A REVIEW OF WEB-ASSISTED INTERVENTIONS FOR THE MANAGEMENT OF TYPE 2 DIABETES MELLITUS. *Iranian Journal of Diabetes and Metabolism*. 2014;13(3):211-22.
16. Sadeghi A, Navabakhsh B, Shafiee G, Aalaa M, Larijani MB, Firooz A, et al. Hirsutism: A clinical practice guideline of diagnosis and treatment in Iran. *Journal of Dermatology and Cosmetic*. 2013;4(4):167-87.
17. Mohajeri-Tehrani M, Aalaa M. The Effect of Nanosilver Products in Prevention and Management of Diabetic Foot Ulcer. *J Biomol Res Ther*. 2013;2(3. (
18. Aalaa M, Peimani M, Gharib M. Teaching and Learning in Small Groups. *Iranian Journal of Medical Education*. 2013;13(1):72-83.
19. Aalaa M, Mirzazadeh A, Gharib M, Baradaran HR. Assessing Learning Styles of the Medical Students and Faculty in Pre-Clinical Stage of Medical Education at Tehran University of Medical Sciences. *Journal of Medical Education Development*. 2013;6(10):1-12.
20. Mohajeri-Tehrani MR, Aalaa M, Aalaa A, Rohipour N, Sanjari M, Khashayar P, et al. Antimicrobial effects of silver nanoparticles coated leather on diabetic foot ulcer. *Open Access Scientific Reports*. 2012;1(11):1-3.
21. Aalaa M, Mohajeri-Tehrani MR. Ectopic Thyroid Gland. *New England Journal of Medicine*. 2012;366(10):943.-
22. Aalaa M, Malazy OT, Sanjari M, Peimani M, Mohajeri-Tehrani M. Nurses' role in diabetic foot prevention and care; a review. *Journal of Diabetes & Metabolic Disorders*. 2012;11(1):24.
23. Tehrani MRM, Aalaa M. Papules on the Eyelids, Lips, and Tongue. *New England Journal of Medicine*. 2011;364(9):870.-
24. Sanjari M, Zahedi F, Aalaa M, Peimani M, Parsapoor A, Cheraghi MA, et al. Code of ethics for Iranian nurses. *Iranian Journal of Medical Ethics and History of Medicine*. 2011;5(1):17-28.
25. PEIMANI M, AALAA M, PAJOUHI M. Faculty support for curriculum development in nursing education. 2011.
26. Annabestani Z, Heshmat R, Alyasin A, Larijani B. Amniotic fluid, maternal, and neonatal serum C-peptide as predictors of macrosomia: A pilot study. *Journal of Diabetes and Metabolic Disorders*. 2009;8:15.

Conference Presentations (Short Communication, posters and etc.):

- Pourbairamian G, Ramazani G, Aalaa M, et al. Determine the health and care needs of small towns in order to move toward accountable educational planning. Proceeding of the National Congress on Accountability in Medical education; 2018 Aug 15-17; Tabriz: Tabriz University of Medical Sciences; 2018.
- Ramazani G, Pourbairamian G, Moradi E, Aalaa M, et al. Assessment of accountability of educational- therapeutic centers: Case study. Proceeding of the National Congress on Accountability in Medical education; 2018 Aug 15-17; Tabriz: Tabriz University of Medical Sciences; 2018.
- Ramazani G, Pourbairamian G, Hazrati H, Aalaa M, et al. The Necessity of change in medical curriculums toward accountable education. Proceeding of the National Congress on Accountability in Medical education; 2018 Aug 15-17; Tabriz: Tabriz University of Medical Sciences; 2018.
- Aalaa M, Pourbairamian G, Sanjari M, et al. Assessment of accountability of educational- therapeutic centers health care providers offering diabetes care to change the care approach towards responsive education. Proceeding of the National Congress on Accountability in Medical education; 2018 Aug 15-17; Tabriz: Tabriz University of Medical Sciences; 2018.
- Sanjari M, Aalaa M. Assessment of fall status and activity of daily living in older people with type 2 diabetes, 18th European Congress of Endocrinology, Munich, Germany , 28-31 May 2016
- Aalaa M, Sanjari M, Mehrdad N. Diabetic Foot workshop: Improving technical and educational skills for nurses,7th International Symposium on the Diabetic Foot, The Hague, The Netherlands, 20 to 23 May 2015
- Aalaa M, Sanjari M. Virtual Clinic Role in Reduction of Diabetes Management Cost, 4th International Diabetes Update Congress, 29 Feb-2 March 2012, Tehran, Iran
- Aalaa M, Soltani M, Teaching critical thinking in undergraduate medical curriculum, AMEE 2012 France, France, 2012
- Aalaa M, Mohajeri Tehrani MR, Sanjari M Antimicrobial effect of nanoparticles coated leather on the diabetic foot, 6 th International symposium on the Diabetic Foot, Netherlands, 2011

Teaching Experience:

- Teacher Assistant in: Teaching of “Clinical Teaching” for Medical Education MS Students in School of Medicine, Iran University of Medical Sciences (2017-2018)
- Teacher Assistant in: Teaching of “Instructional Design” for Medical Education MS Students in School of Medicine, Iran University of Medical Sciences (2017-2018)
- Teacher Assistant in: Teaching of “Designing and Implementing the Educational Workshops” for Medical Education MS Students in School of Medicine, Iran University of Medical Sciences (2017-2018)
- Teacher Assistant in: Teaching of “Instructional Design” for Medical Education Virtual MS Students in School of Medicine, Iran University of Medical Sciences (2017-2018)
- Teacher Assistant in: Teaching of “Teaching and Learning Patterns” for Medical Education Virtual MS Students in School of Medicine, Iran University of Medical Sciences (2017-2018)
- Teacher Assistant in: Teaching of “Critical Thinking” for Medical Students in School of Medicine, Tehran University of Medical Sciences (2012-2013)

Workshop Teaching Experience:

- Workshop of "New Methods of Teaching and Assessment" for Postgraduate Students in School of Medicine, Iran University of Medical Sciences (2018)
- Workshop of "Basic Principles of Academic Searching" for Postgraduate Students in School of Medicine, Iran University of Medical Sciences (2018)
- Workshop of “Scientific Presentation” for Postgraduate Students, Iran University of Medical Sciences (13 May 2018)
- Workshop of “Diabetic Foot” for Nurses and General Practitioners, Tehran University of Medical Sciences - 24 workshops (2013- up to now)
- Comprehensive course of “Diabetic Foot” for Nurses and General Practitioners, Tehran University of Medical Sciences - 2 courses (2017-2018)

Workshop Participation:

- Workshop of “Introduction with Teaching and Educational Planning” for Postgraduate Students, Iran University of Medical Sciences (28 Feb 2018)
- Workshop of “Ethics in Research” for Postgraduate Medical Education Students, Iran University of Medical Sciences (8 July 2018)
- Workshop of “Intellectual Ownership”, Iran University of Medical Sciences (24 Oct 2018)
- Workshop of “Novel Teaching Methods” In: the 19th National Conference on Medical Education and the 11th Motahari Educational Festival; 2018 May 10-12; Tehran: Ministry of Health and Medical Education (10 May 2018)
- Workshop of “14 Types of Reviews”, NASR (2017)
- Workshop of “Scholarship”, NASR (2017)
- Workshop of “Met analysis”, NASR (2017)
- Workshop of “NIH Standard Proposal Writing”, NIMAD (2016)
- Workshop of “Systematic Review”, Endocrinology and Metabolism Research Institute, Tehran University of Medical Sciences (2016)
- Workshop of “Scientific Writing”, Endocrinology and Metabolism Research Institute, Tehran University of Medical Sciences (2016)
- Workshop of “Good Critical Practice ”, Endocrinology and Metabolism Research Institute, Tehran University of Medical Sciences (2016)

Research Experience:

- Design and development of diabetes virtual education modules and applications for medical groups, Endocrinology and Metabolism Research Institute, Tehran University of Medical Sciences (Approved Date: 2018)
- Comparison of the Effect of Diabetic Foot Care Workshops and E-Learning on Nursing Students' in Nursing Faculty of Iran University of Medical Sciences, CERMS, Iran University of Medical Sciences (Approved Date: 2018)
- Localization of clinical guidelines for diabetic foot management, Endocrinology and Metabolism Research Institute, Tehran University of Medical Sciences (Approved Date: 2017)

- Systematic review and meta-analysis of the efficacy and consequences of vacuum therapy in the treatment of diabetic foot ulcers , Endocrinology and Metabolism Research Institute, Tehran University of Medical Sciences (Approved Date: 2016)
- Review the Training Program of Shariati Hospital Endocrine ward, Endocrinology and Metabolism Research Institute, Tehran University of Medical Sciences (Approved Date: 2015)
- Effectiveness of diabetes education by peer groups, Endocrinology and Metabolism Research Institute, Tehran University of Medical Sciences (Approved Date: 2014)
- Comparison of the healing rate of diabetic foot ulcers in different degrees of neuropathy, Endocrinology and Metabolism Research Institute, Tehran University of Medical Sciences (Approved Date: 2013)
- Designing and publishing a collection of manuals "Statistics for Doctors", Endocrinology and Metabolism Research Institute, Tehran University of Medical Sciences (Approved Date: 2012)
- Study of structural changes of 5HTLPR and MTHFR gene in perceived job stress and its relation with metabolic indexes, Endocrinology and Metabolism Research Institute, Tehran University of Medical Sciences (Approved Date: 2011)
- Comparative study of antibacterial properties of natural leather and leather containing Nano silver particles against bacteria in diabetic foot ulcers, Endocrinology and Metabolism Research Institute, Tehran University of Medical Sciences (Approved Date: 2010)
- Comparison of hydrophilic polyurethane dressings containing silver and wet gauze dressing for diabetic foot ulcer healing, Endocrinology and Metabolism Research Institute, Tehran University of Medical Sciences (Approved Date: 2009)
- Review Nurses' Perspectives on Clinical Governance, Iranian Nursing Organization (Approved Date: 2008)
- Effective Factors in Promoting Productivity from Nurses' Viewpoints, , Iranian Nursing Organization (Approved Date: 2008)
- Assessing the Quality of Life of Iranian Nurses, Iranian Nursing Organization (Approved Date: 2008)

Books Published:

1. Dictionary of Diabetic Foot Wounds, Tehran: Noavaran Sina , 2018
2. Diabetic Foot Guideline, Tehran: Noavaran Sina , 2017
3. Management of Diabetic Foot, Tehran: Noavaran Sina , 2016
4. Diabetes in day life, Tehran: Noavaran Sina , 2015
5. First aid and resuscitation, Nursing Organization, 2014
6. Clinical care of diabetic foot, Tehran: Vista, 2009
7. National Diabetic Foot Guide, Tehran: Vista, 2006
8. Health Physical Exams: Nursing Handbook, Tehran: Jamnagar , 2005