

In the name of God
Summary of the scientific-research certificate of the faculty
members and researchers
Endocrinology and Metabolism Research Institute
Shahid Beheshti University of Medical Sciences



Name: Sima	Scopus ID number: 57205017156
Family name: Nazarpour	
H-Index: Scopus: 12 Google Scholar: 16	Total number of citations to articles: 790 in Scopus 1337 Google scholar Number of citations to articles in 2025:
Total number of research projects: 46 Number of research projects in the role of executor: 34	Total number of articles: 69 Number of articles by the first author/responsible: 53 Number of articles in 2025_26: 6

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Summary of the scientific-research certificate of the faculty
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1. Personal Information:

Name: Sima	Date of birth: 1368.7.31	National Code: 0046886494
Last name: Nazarpour		
Identity Card No: 2104	Place of Birth: Tehran, Iran	Father Name: Younes
Email: snazarpour@gmail.com simanazarpour@sbmu.ac.ir nazarpour_sima@iauvaramin.ac.ir	Mobile phone no: +989123895124	

2- Academic records / training courses

Grade	Education / orientation	Duration of study		University name	Country / city of study	GPA
		Start	End			
Ph.D.	Reproductive Health	2010	2015	Shahid Beheshti Medical Sciences	Iran/Tehran	18.86 Thesis grade: 20
Masters	Midwifery Education	1991	1994	Medical Sciences of Iran	Iran/Tehran	18.71 Thesis grade: 19.9
Bachelor Degree	Midwifery	1986	1991	Shahid Beheshti Medical Sciences	Iran/Tehran	18.70
Postdoc		2021	2023	Research Institute for Endocrine Sciences (RIES), Shahid Beheshti University of Medical Sciences	Iran/Tehran	

3. Employment Status:

Faculty members and formal researchers			
Work start date	Cooperation status	Academic rank	Grade
October 8, 1995	Retired full-time faculty member Islamic Azad University, Varamin-Pishva Branch	Associate Professor	32
Contract researchers			
Work start date	contract type	Researcher rank	Last upgrade date
June 22, 2015		Researcher	
July 31, 2021		postdoctoral researcher	

4. Educational experience:

- All specialized courses in midwifery, Related courses in nursing and operating room technology in Islamic Azad University, Varamin-Pishva branch
 - *Teaching the following subjects in university:*
 - Health Principles and Community Health
 - Epidemiology
 - Health Management
 - Obstetrics
 - Maternal- Child Health
 - Research Methodology
 - Reproductive Health
 - Family planning
 - Newborns
 - Prenatal care
 - Physiopathology and midwifery
 - Semiology
 - Gynecology
 - Psychiatry in midwifery
 -

4.1. Teaching in short courses / educational-research workshops

No.	Course / workshop title	Date	Organization	Teaching title
1	Workshop on Timing and Methods of Cervical Cancer Screening	April 2026	Pishva Health Network	

2	Application of New Screening Techniques in Women's Health	August 2025	Pishva Health Network	
3	Empowerment Course on Common Women's Diseases	January 2025	Islamic Azad University, Varamin-Pishva Branch	
4	Workshop on Menopause and Related Care	October 2025	Varamin Health Network	
5	Workshop on HPV Virus and the Role of Midwives in Prevention, Screening, and Women's Health Education	October 2025	Varamin Health Network	
6	Blood sampling and injections	2023	Islamic Azad University, Varamin-Pishva Branch	
7	Practical principles of suturing	2023	Islamic Azad University, Varamin-Pishva Branch	
8	Postpartum Hemorrhage	2019	Shohadaye Yafet Abad Hospital	
9	Gynecological emergencies	2019	Shohadaye Yafet Abad Hospital	
10	Challenges of breastfeeding for premature newborns	2019	Shohadaye Yafet Abad Hospital	
11	The role of screening tests in determining the health of newborns before birth	2017	Islamic Azad University, Varamin-Pishva Branch	
12	Homeopathy	2016	Islamic Azad University, Shahre Quds Branch	

5. Research Activities:

5.1. Writing a book / part of a foreign book

No.	Book chapter title	Book Title	Editor	Publisher / place of publication / year of publication
1	Chapter 6. Subclinical Hypothyroidism and Pregnancy	Advances in Health and Disease. Volume 71		Nova Science Publishers NY, USA 2023
2	Chapter 4. Iodine: An Essential Micronutrient for Maternal and Child Health During Pregnancy and Breastfeeding	Advances in Health and Disease. Volume 82		Nova Science Publishers NY, USA 2024
3	Chapter 4. Thyroid and Reproduction	Advances in Health and Disease. Volume 85		Nova Science Publishers NY, USA 2025

Book writing:

1. Comprehensive Textbook of Nursing and Midwifery (1, 2), 2003
2. Completely Textbook of Nursing, 2005.
3. Population and Family Planning. 2005, 2007 (2th edition), 2008 (3th edition)
4. Gynecology, 2006
5. Newborn, 2006
6. Maternal and neonatal health nursing, 2008;
7. Demographic issues and reproductive health, 2010
8. Gynecological and infertility, 2011
9. Clinical Principles and skills. 2014
10. Physiological delivery and painless delivery. 2017
11. Maternal and newborn health nursing.
12. Reproductive health textbook
13. Obstetrics 4: Internal diseases and surgery in pregnancy and childbirth.
14. Health 2: principles of epidemiology and fighting diseases. 2024.
15. Health 5: Management and quality improvement in maternal and child health and fertility. 2024.

Scientific editing of books:

1. Pregnancy and childbirth 1: general midwifery, advice and pregnancy care.
2. Pregnancy and childbirth 2: Labor, delivery and postpartum, their care and management.

3. Pregnancy and delivery 3: Abnormal pregnancy and delivery.
4. Pregnancy and childbirth 4: Internal diseases and surgery in pregnancy and childbirth.

Publications:

- 1- Shams A, Nour Mohammadi I, Aghae F, Hopkins D, Nazarpour S, Siadati A. **Immunohistochemistic study of the intra-cardiac ganglia of the pig heart**. Iranian Journal of pharmaceutical research (IJPR) Autumn 2004; 3(1): 118-118.
- 2- Shams A, Jamei B, Al-taraihi TM, Rezazadeh Valujerdi M, Nazarpour S, Siadati A. **Morphological changes of lumbar spinal neurons after sciatic nerve transaction in neonate rats**. Iranian Journal of pharmaceutical research (IJPR) Autumn 2004; 3(1): 36-36.
- 3- Nazarpour S. **Sleep Disorders in Pregnancy and Its Effect on the Length of the Labor and Type of Deliver y in Firuzabadi Hospital in Tehran in 2006**. Iran Journal of Nursing Winter 2008; 20(52):63-73.
- 4- Nazarpour S. **Comparative study of the effect of cord blood drainage and oxytocin injection into the umbilical vein in the du ration of third stage of the labour**. Kowsar medical journal 2008; 13(1):71-78.
- 5- Nazarpour s, Azizi, Zh. **Prevalence of of depression, anxiety and influencing factors in pregnancy**. Kermanshah Faculty of paramedical Sciences 2010; 1(3):15-26.
- 6- Nazarpour S, Teymouri L, Teimoori S. **Investigation of Cd(II) Concentrations in Mother's Milk of Varamin Region of Iran**. Asian journal of chemistry 2013; 25 (10): 5402-5406.
- 7- Nazarpour S, Teymouri L, Teimoori S. **Evaluation of Concentration in mother's milk in Varamin city**. Iranian journal of Biological Sciences 2013;8(2): 83-91.
- 8- Kazemi A, Norouzi H, Nazarpour S. **Comparison the Diagnostic Value of Culture and Polymerase Chain Reaction Methods in Diagnosis of Cytomegalovirus Infections in Spontaneous Abortions**. The Iranian Journal of Obstetrics, Gynecology and Infertility (IJOGI) June 2013; 16(53):1-6.
- 9- Nazarpour S, Teymouri L, Teimoori S. **Cadmium and Chrome Concentrations in Human Milk**. Journal Knowledge & Health 2014; 9(1):21-29.
- 10- Nazarpour S, Ramezani Tehrani F, Simbar M, Azizi F. **Pregnancy outcomes in pregnant women with hypothyroidism (A review Article)**. The Iranian Journal of Obstetrics & Gynecology & infertility (IJOGI). 2014 Autumn; 17(126):17-26.
- 11- Nazarpour S, Ramezani Tehrani F, Simbar M, Azizi F. **Thyroid dysfunction and pregnancy outcomes**. Iran J Reprod Med. 2015 Jul; 13(7):387-96. PMID: PMC4609317
- 12- Nazarpour S¹, Ramezani Tehrani F, Simbar M, Azizi F. **Thyroid autoantibodies and the effect on pregnancy outcomes**. J Obstet Gynaecol. 2016; 36(1):3-9. doi: 10.3109/01443615.2014.968110
- 13- Nazarpour S, Ramezani Tehrani F, Simbar M, Tohidi M, Alavi Majd H , Azizi F. **Mimetical Signs and Symptoms of Thyroid Disorders in Healthy Pregnant Women, a Population Based Study**. Iranian Journal of Endocrinology and Metabolism 2015 Aug-Sep; 17(3):181-9

- 14- Nazarpour S, Tehrani FR, Simbar M, Tohidi M, Alavi Majd H, Azizi F. **Comparison of universal screening with targeted high-risk case finding for diagnosis of thyroid disorders.** Eur J Endocrinol. 2016 Jan;174(1):77-83. doi: 10.1530/EJE-15-0750. Epub 2015 Oct 28.
- 15- Nazarpour S, Ramezani Tehrani F, Simbar M, Tohidi M, Alavi Majd H , Azizi F. **Comparison of universal screening with targeted high-risk case finding of thyroid disorders in pregnant women.** Research in medicine. 2015; 39 (3): 145-151.
- 16- Nazarpour S, Ramezani Tehrani F, Simbar M, Tohidi M, Azizi F. **Tehran thyroid and pregnancy study: objectives and study protocol.** International Journal of Endocrinology and Metabolism. 2016 Jan; 14(1): e33477. doi: 14(1):e33477.
- 17- Nazarpour S, Ramezani Tehrani F, Simbar M, Tohidi M, Alavi Majd H, Azizi F. **Effects of levothyroxine treatment on pregnancy outcomes in pregnant women with autoimmune thyroid disease.** Eur J Endocrinol. 2017 Feb; 176(2):253-265. doi: 10.1530/EJE-16-0548.
- 18- Sima Nazarpour, Fahimeh Ramezani Tehrani, Masoumeh Simbar, Maryam Tohidi, Fereidoun Azizi. **Autoimmune Thyroid Disease in Pregnancy, a population-based study.** International Journal of Reproductive BioMedicine (IJRM) 2017 April; 15 (4):104.
- 19- Nazarpour S, Ramezani Tehrani F, Simbar M, Tohidi M, Minooee S, Rahmati M, Azizi F. **Effects of Levothyroxine on pregnant women with subclinical hypothyroidism, negative thyroid peroxidase antibodies.** Journal of Clinical Endocrinology & Metabolism (JCEM), 2018 Mar 1; 103(3):926-935. doi: 10.1210/jc.2017-01850.
- 20- Nazarpour S, Ramezani Tehrani F, Simbar M, Minooee S, Rahmati M, Mansournia MA, Azizi F. **Establishment of trimester-specific reference range for thyroid hormones during pregnancy.** Clinical Biochemistry. 2018 2018 53 (2018) 49–54. <https://doi.org/10.1016/j.clinbiochem.2018.01.006>
- 21- Nazarpour S, Ramezani Tehrani F, Rahmati M, Minooee S, Simbar M, Noroozzadeh M, Azizi F. **Validation of Billewicz scoring system for the detection of overt hypothyroidism during pregnancy.** International Journal of Endocrinology and Metabolism. 2018. In press. doi: 10.5812/ijem.64249.
- 22- Nazarpour S, Ramezani Tehrani F, Simbar M, Rahmati M, Azizi F. **Frequency of thyroid peroxidase antibody and its related factors During Pregnancy.** The Iranian Journal of Obstetrics, Gynecology and Infertility (IJOGI). 2018 September; 21(7): 20-28.
- 23- Fahimeh Ramezani, Samira Behboudi-Gandevani, Maziye Rostami Dovom, Maryam Farahmand, Sonia Minooee, Mahsa Noroozzadeh, Mina Amiri, Sima Nazarpour. **Reproductive Assessment: Twenty Years of the Tehran Lipid and Glucose Study.** International Journal of Endocrinology and Metabolism. 2018 October; 16(4 (Suppl)):e84786. doi: 10.5812/ijem.84786
- 24- Sima Nazarpour, Fahimeh Ramezani Tehrani, Firoozeh Sajedi , Razieh Bidhendi Yarandi, Fereidoun Azizi. **Evaluation of the impact of levothyroxine treatment on the psychomotor developmental status of three-year-old children born to mothers with mild thyroid impairment; Tehran Thyroid and pregnancy study: study protocol for a randomized clinical trial.** Trials. 2019 Jan; 28;20(1):86. doi: 10.1186/s13063-018-3130-5
- 25- Sima Nazarpour, Fahimeh Ramezani Tehrani, Mina Amiri, Razieh Bidhendi Yarandi, Fereidoun Azizi. **Levothyroxine treatment and pregnancy outcome in women with subclinical hypothyroidism: A**

- systematic review and meta-analysis.** International Journal of Reproductive BioMedicine (IJRM is indexed in ISI). 2019 April; 17(4); 93. doi: 10.1093/humupd/dms052
- 26- Sima Nazarpour, Fahime Ramezani Tehrani, Fereidoun Azizi. **The effects of levothyroxine treatment in mothers with thyroid dysfunction on children's neurocognitive development: systematic review.** Iranian Journal of Obstetrics, Gynecology and Infertility. 2019 October; 22(8): 62-73. doi: 10.22038/IJOGL.2019.13921
 - 27- Sima Nazarpour, Fahimeh Ramezani Tehrani, Mina Amiri, Razieh Bidhendi Yarandi, Fereidoun Azizi. **Levothyroxine treatment and pregnancy outcomes in women with subclinical hypothyroidism: A systematic review and meta-analysis.** Archives of Gynecology and Obstetrics. 2019 Aug; 10. doi: 10.1007/s00404-019-05245-2
 - 28- Sima Nazarpour, Fahimeh Ramezani Tehrani, Mina Amiri, Masoumeh Simbar, Maryam Tohidi, Razieh Bidhendi Yarandi, Fereidoun Azizi. **Maternal urinary iodine concentration and pregnancy outcomes: Tehran Thyroid and Pregnancy Study.** Biological Trace Element Research. 2020 Apr;194(2):348-359. doi: 10.1007/s12011-019-01812-5
 - 29- Sima Nazarpour, Fahimeh Ramezani Tehrani, Samira Behboudi-Gandevani, Razieh Bidhendi Yarandi, Fereidoun Azizi. **Maternal urinary iodine concentration and pregnancy outcomes in euthyroid pregnant women: A systematic review and meta-analysis.** Biological Trace Element Research. 2020 Oct;197(2):411-420. doi: 10.1007/s12011-019-02020-x
 - 30- Marzieh Rostami Dovom, Samira Behboudi Gandavani, Maryam Farahmand, Sima Nazarpour, Fahimeh Ramezani Tehrani, Fereidoun Azizi. **Comparison of maternal and fetal complications in women with various phenotypes of polycystic ovary syndrome.** Iranian Journal of Obstetrics, Gynecology and Infertility. 2020 May; 23(3):58-67.
 - 31- Fahimeh Ramezani Tehrani, Sima Nazarpour*. **Relationship between mode of delivery and neonatal thyroid hormones level at birth, A narrative Review.** Nursing and Midwifery Journal. 2020; 18(8): 608-618.
 - 32- Fahimeh Ramezani Tehrani, Sima Nazarpour*, Samira Behboudi-Gandevani. **Isolated Maternal Hypothyroxinemia and adverse pregnancy outcomes: A systematic review.** Journal of Gynecology Obstetrics and Human Reproduction. 2021 Jan 2;50(7):102057.
 - 33- Fahimeh Ramezani Tehrani, Sima Nazarpour*. **Delivery Factors and Neonatal Thyroid Hormone Levels: A systematic review.** Journal of Pediatric Endocrinology and Metabolism. 2021; 34(7): 821–833.
 - 34- Sima Nazarpour, Fahimeh Ramezani Tehrani. **Maternal weight gains and thyroid function; a narrative study.** Razi Journal of Medical Sciences (RJMS). 2021; 27(12): 164-174.
 - 35- Sima Nazarpour, Fahimeh Ramezani Tehrani. **The Relationship between Gestational Diabetes and Subclinical Hypothyroidism in Pregnancy, a Narrative Study.** Iranian Journal of Endocrinology and Metabolism (IJEM). 2021; 22(5): 448-448.
 - 36- Fahimeh Ramezani Tehrani, Sima Nazarpour*, Fereidoun Azizi. **Impact of maternal subclinical hypothyroidism on the neurocognitive development of children; a systematic review.** Kurdistan University of Medical Sciences (SJKU). 2021; 26(2): 41-56.

- 37- Sima Nazarpour, Fahimeh Ramezani Tehrani*. **The Relationship Between Air Pollution and Gestational Diabetes Incidence: A Systematic Review.** Iranian Journal of Endocrinology and Metabolism (IJEM). 2021; 23 (4) :274-292.
- 38- Sima Nazarpour, Fahimeh Ramezani Tehrani*, Maryam Rahmati, Mina Amiri, Fereidoun Azizi. **Effects of isolated maternal hypothyroxinemia on adverse pregnancy outcomes.** Archives of Gynecology and Obstetrics. 2022 Apr;305(4):903-911.
- 39- Mina Amiri, Sima Nazarpour (**Co-first Author**), Fahimeh Ramezani Tehrani*, Ali Sheidaei, Fereidoun Azizi. **The targeted high-risk case-finding approach versus universal screening for thyroid dysfunction during pregnancy: thyroid-stimulating hormone (TSH) and/or thyroid peroxidase antibody (TPOAb) test?** Journal of Endocrinological Investigation. 2022 Sep;45(9):1641-1651.
- 40- Sima Nazarpour, Fahimeh Ramezani Tehrani, Maryam Rahmati, Fereidoun Azizi. **Gestational diabetes incidence in women with subclinical hypothyroidism and euthyroid women.** Iranian Journal of Obstetrics, Gynecology and Infertility (IJOGI). 2021; 25(2): 13-24.
- 41- Sima Nazarpour, Mina Amiri, Razieh Bidhendi Yarandi, Fereidoun Azizi, Fahimeh Ramezani Tehrani. **Maternal Subclinical Hyperthyroidism and Adverse Pregnancy Outcomes: A Systematic Review and Meta-analysis of Observational Studies.** International Journal of Endocrinology and Metabolism. 2022 July; 20(3):e120949.
- 42- Sima Nazarpour, Fahimeh Ramezani Tehrani, Mina Amiri, Maryam Rahmati, Fereidoun Azizi. **Maternal subclinical hyperthyroidism and adverse pregnancy outcomes considering the iodine status: Tehran thyroid and pregnancy study.** Journal of Trace Elements in Medicine and Biology. 2022 74 (2022) 127063
- 43- Niko Ghasemi Aghdam, Zohra Khosravi, Azadeh Tavali, Fahimeh Ramezani Tehrani, Sima Nazarpour. **Comparison of anxiety and depression among women who experienced spontaneous abortion and delivery of unwanted pregnancy.** Medical journal of Tabriz University of Medical Sciences. 44(4) 2022.
- 44- Masoumeh Simbar, Sima Nazarpour* (Corresponding Author), and Ali Sheidaei. **Evaluation of pregnancy outcomes in mothers with COVID-19 infection: a systematic review and meta-analysis.** Journal of Obstetrics and Gynaecology. 2023, VOL. 43, NO. 1, 2162867.
- 45- Sima Nazarpour, Afshin Shokati poursani, Maryam Mousavi, Fahimeh Ramezani Tehrani*. **The relationship between air pollutants and gestational diabetes: an updated systematic review and meta-analysis.** Journal of Endocrinological Investigation. 2023 Feb 18. <https://doi.org/10.1007/s40618-023-02037-z>
- 46- Sima Nazarpour, Fahimeh Ramezani Tehrani*, Maryam Rahmati, Fereidoun Azizi. **Prediction of preterm delivery based on thyroid peroxidase antibody levels and other identified risk factors.** European Journal of Obstetrics & Gynecology and Reproductive Biology. 284 (2023) 125–130 .
- 47- Maryam Rahmati, Sima Nazarpour, Sonia Minooee, Samira Behboudi-Gandevani, Fereidoun Azizi, Fahimeh Ramezani Tehrani. **A Bayesian model to estimate the cutoff value of TSH for management of preterm birth.** PLOS ONE. March 29, 2023. <https://doi.org/10.1371/journal.pone.0283503>

- 48- Sima Nazarpour, Afshin Shokati Poursani, Masoumeh Simbar, Razieh Bidhendi Yarandi. **The relationship between Air pollution and Infant Mortality Rate.** Iranian Journal of Public Health. Vol. 52, No.06, Jun 2023, 1278-1288.
- 49- Hanieh Bayat, Sima Nazarpour*, Robab Anbiaee. **Investigation of Breast Cancer Risk Factors in the Imam Hossein and Shohada E Tajrish Hospitals of Tehran in 2019–2022: A case–control study.** SN Comprehensive Clinical Medicine. 2023, 5:197
- 50- Sima Nazarpour, Fahimeh Ramezani Tehrani*, Firoozeh Sajedi, Maryam Rahmati, Razieh Bidhendi Yarandi, Fereidoun Azizi. **Lack of beneficiary effect of levothyroxine therapy of pregnant women with subclinical hypothyroidism in terms of neurodevelopment of their offspring.** Archives of Gynecology and Obstetrics. 2024, Mar;309(3):975-985. <https://doi.org/10.1007/s00404-023-06954-5>
- 51- H Bayat, S Nazarpour, M Mousavi, F Ramezani Tehrani. **Association between Polycystic Ovary Morphology and Serum Prolactin Level.** Iranian Journal of Endocrinology and Metabolism, 2023, 25(5): 423-432.
- 52- Sahar Hosseini, Sima Nazarpour*. **The role of emotional intelligence and social support in predicting psychological well-being in pregnant women.** Rooyesh-e-Ravanshenasi Journal (RRJ),13(9), 2024.
- 53- Zeinab Jalilba, Maryam Behnam Moradi*, Sima Nazarpour. **Prediction of Mental Health and Self-Esteem Based on Perceived Social Support in Youth with Physical Disabilities in Tehran.** Journal of Adolescent and Youth Psychological Studies . 2024, Volume 5, Issue 6, pp 89-97
- 54- Sima Nazarpour, Afshin Shokati Poursani, Maryam Mousavia, Fahimeh Ramezani Tehrani & Samira Behboudi-Gandevani. **Investigation of the relationship between air pollution and gestational diabetes.** Journal of Obstetrics and Gynaecology. 2024, Volume 44, Issue 1.
- 55- Sima Nazarpour, Maryam Mousavi & Fahimeh Ramezani Tehrani. **Polycystic Ovary Morphology, Subclinical Hypothyroidism, and the Cutoff Value of Thyroid-Stimulating Hormone, a Population-Based Study.** Reproductive Sciences. Published: 05 November 2024. <https://doi.org/10.1007/s43032-024-01741-2>
- 56- Sima Nazarpour, Afshin Shokati Poursani, Masoumeh Simbar*, Razieh Bidhendi Yarandi, Farzaneh Rashidi Fakari. **The association between air pollution and temperature with risk of preterm neonatal mortality in Iran: a distributed lag time series model.** Air Quality, Atmosphere & Health. 2025. Volume 18, pages 1075–1086.
- 57- Ghazal Abdollahi Nigjeh, Zohreh Alizadeh Haghighi*, Sima Nazarpour. **Prediction of Social Anxiety in Students Based on Personality Dimensions and Parenting Styles.** Journal of Assessment and Research in Applied Counseling (JARAC). 2025, Volume 7, Issue 3.
- 58- Shaghayegh Akhaei, Maryam Behnam Moradi *, Sima Nazarpour. **The relationship between job stress and resilience and job security in pregnant women working in Tehran.** Quarterly of Experimental and Cognitive Psychology. 2025. Volume 2, Issue 1.
- 59- Zahra Omid, Sima Nazarpour, Hayedeh Arbabi, Leila Zarepour, Saeedeh Shariati, Mitra Izadkhast, Fariba Shahi Loron, Mohammad Mehdi Saghaei*. **Assessment of Potential Errors in the Rational Administration of Albumin in a Teaching Hospital.** SN Comprehensive Clinical Medicine. 2025. 7:344.

60- Fahimeh Ramezani Tehrani, Sima Nazarpour*. **Importance of Iodine during Pregnancy and Lactation, a Narrative Review.** Razi Journal of Medical Sciences, Iran University of Medical Sciences, 2025. Volume 32, Issue 1 (3-2025).

61- Maryam Farahmand*, Sima Nazarpour (Co-first Author), Hanieh Malmir, Somayeh Hosseinpour-Niazi, Fahimeh Ramezani Tehrani. **Presenting non-insulin-based indices of insulin resistance relevant to pre-hypertension: A systematic review and meta-analysis.** Clinical and Experimental Hypertension, 2026. Dec 31;48(1):2625124. doi: 10.1080/10641963.2026.2625124.

Participation in International Conferences/ congresses/ seminars/ meetings

1. Cardiopulmonary resuscitation Scientific Research Conference, Islamic Azad University, Varamin-Pishva Branch, Tehran, Iran, May 1999; **Cardiopulmonary resuscitation.**
2. Scientific Conference of Neonatal Resuscitation, Islamic Azad University, Varamin-Pishva Branch, Tehran, Iran, November 1999; **Newborn resuscitation.**
3. National congress on Nursing and Midwifery in Neurological Disorders, Shahed University, Tehran, Iran, March 1999; **The effect of pregnancy on epilepsy.**
4. Research and Scientific Conference on Neonatal Resuscitation, Islamic Azad University, Noshahr and Chalous Branch, Chalous, Iran. January 2000; **The first basic steps of resuscitation and artificial respiration.**
5. National Congress of Nursing and Midwifery Care, Social Security Organization, Imam Khomeini Hospital, Tehran, Iran, March 2001; **Prevention of mother-to-child transmission of HIV.**
6. AIDS and Family Conference, Islamic Azad University, Semnan Branch, Semnan, Iran, May 2003; **Pregnancy and AIDS.**
7. Seminar of Holistic Medicine and Homeopathy, Islamic Azad University, Varamin-Pishva Branch, Tehran, Iran, December 2004; **What is Homeopathy?**
8. National Conference on Nursing and Midwifery Emergencies, Islamic Azad University of Varamin-Pishva, Tehran, Iran, June 2005; **Shoulder dystocia.**
9. National Conference of Nursing and Midwifery Emergencies, Islamic Azad University of Varamin-Pishva, Tehran, Iran, June 2005; **Malignant vomiting in pregnancy.**
10. 2nd symposium of federation of Asian-oceanic neuroscience societies (FAONS) and 3rd Iranian Neuroscience congress, Tehran-Iran Spain, May 16-19, 2004; **Immunohistochemistic study of the intra-cardiac ganglia of the pig heart.**
11. 2nd symposium of federation of Asian-oceanic neuroscience societies (FAONS) and 3rd Iranian Neuroscience congress, Tehran-Iran Spain, May 16-19, 2004; **Morphological changes of lumbar spinal neurons after sciatic nerve transaction in neonate rats.**
12. 4th National Congress of Medical Sciences, Young Researchers Club, Islamic Azad University, Mashhad Branch, Mashhad, Iran, October 2005; **Multiple pregnancy, a high-risk pregnancy.**

13. Third National Conference on Sleep Disorders, Tehran University of Medical Sciences, Imam Khomeini Hospital, Tehran, Iran, November 25-23, 2006; **Evaluation of Sleep Disorders in Late Pregnancy and its Impact on Labor Length and Type of Delivery at Firoozabadi Hospital in 2006.**
14. THE 2nd Word Congress on Gender- specific Medicine and aging: The Endocrine Impact, Rome, Italy, March 8-11, 2007, Poster presentation. **Sleep disorders in late pregnancy and its effect on the length of the labor and type of delivery in Firuzabadi hospital in Tehran, 2006.**
15. The 1st world congress on Controversies in Neurology, Berlin, Germany, September 6-9, 2007, Poster presentation. **Sleep disorders in late pregnancy and effective factors on sleep disorders at the last month of pregnancy in Firuzabadi hospital in Tehran, 2006.**
16. The 1st world congress on Controversies in Neurology, Berlin, Germany, September 6-9, 2007, Poster presentation. **Investigating the effect of TENS on primary dysmenorrhea in the students of Tehran Medical Sciences University Residential dormitory.**
17. National Congress on Applied Military Medicine and Crisis Management, Army University of Medical Sciences of the Islamic Republic of Iran, Tehran, Iran, May 2008; **Investigation of basic needs in crisis management.**
18. The 2nd world Congress On Controversies in Neurology (CONY), Athens, Greece, October 23-26, 2008, Poster presentation. **Epilepsy in pregnancy.**
19. The 2nd world Congress On Controversies in Neurology (CONY), Athens, Greece, October 23-26, 2008, Poster presentation. **Study of factors of body activities influencing on severity of primary dysmenorrhea (menstrual pain) in students of faculties of nursing and midwifery of universities under the supervision of ministry of Health, treatment and Medical Education in Tehran.**
20. The 2nd world Congress On Controversies in Neurology (CONY), Athens, Greece, October 23-26, 2008, Poster presentation. **Study of menstrual factors influencing on severity of primary dysmenorrhea (menstrual pain) in students of faculties of nursing and midwifery of universities under the supervision of ministry of Health, treatment and Medical Education in Tehran.**
21. The 2nd world Congress On Controversies in Neurology (CONY), Athens, Greece, October 23-26, 2008, Poster presentation. **Carpal tunnel syndrome in pregnancy.**
22. The 2nd world Congress On Controversies in Neurology (CONY), Athens, Greece, October 23-26, 2008, Poster presentation. **TENS, an effective technology in primary dysmenorrea.**
23. The 2nd world Congress On Controversies in Neurology (CONY), Athens, Greece, October 23-26, 2008, Poster presentation. **Migraines during pregnancy.**
24. Controversies in Obstetrics, Gynecology & Infertility (COGI), Paris, France, November 27-30, 2008, Poster presentation. **Comparative study of the effect of cord blood drainage and oxytocin injection into the umbilical vein in the duration of third stage of the labor.**
25. Controversies in Obstetrics, Gynecology & Infertility (COGI), Paris, France, November 27-30, 2008, Poster presentation. **Comparison of therapeutic effects of Fennel (Foeniculum vulgare) and Mefenamic Acid on Primary Dysmenorrhea.**

26. Controversies in Obstetrics, Gynecology & Infertility (COGI), Paris, France, November 27-30, 2008, Poster presentation. **Evaluating the applied structural standards of delivery units in medical sciences hospitals universities of capital city of Tehran.**
27. Controversies in Obstetrics, Gynecology & Infertility (COGI), Paris, France, November 27-30, 2008, Poster presentation. **Lifestyle modification is first-line treatment for PCOs.**
28. Regional Conference on New in Nursing and Midwifery, Islamic Azad University of Varamin-Pishva, Tehran, Iran. December 2008; **The effect of umbilical vein oxytocin on length of third stage of delivery in Shahid Akbarabadi hospital.**
29. Regional Conference on New in Nursing and Midwifery, Islamic Azad University of Varamin-Pishva, Tehran, Iran. December 2008; **Sleep disorders in pregnancy.**
30. Regional Conference on New in Nursing and Midwifery, Islamic Azad University of Varamin-Pishva, Tehran, Iran. December 2008; **New method of keeping premature and low birth weight infants.**
31. Reproductive Medicine and Beyond: The 3rd International IVI Congress, Madrid, Spain, May 14-16, 2009, Poster presentation. **Smoking and reproductive function.**
32. Reproductive Medicine and Beyond: The 3rd International IVI Congress, Madrid, Spain, May 14-16, 2009, Poster presentation. **Occupational factors and fertility.**
33. Reproductive Medicine and Beyond: The 3rd International IVI Congress, Madrid, Spain, May 14-16, 2009, Poster presentation. **The effect of weight on fertility.**
34. Reproductive Medicine and Beyond: The 3rd International IVI Congress, Madrid, Spain, May 14-16, 2009, Poster presentation. **Stress and infertility.**
35. Reproductive Medicine and Beyond: The 3rd International IVI Congress, Madrid, Spain, May 14-16, 2009, Poster presentation. **Survey study of relationship between sexual function and marital satisfaction in female students.**
36. 3rd Asia Pacific Congress on Controversies in Obstetrics, Gynecology & Infertility (COGI), Beijing, China, November 12-15, 2009, Poster presentation. **Depression, anxiety and influencing factors in pregnancy. A study in Iran.**
37. 3rd Asia Pacific Congress on Controversies in Obstetrics, Gynecology & Infertility (COGI), Beijing, China, November 12-15, 2009, Poster presentation. **The effect of cord blood drainage in the duration of third stage of the labor.**
38. 3rd Asia Pacific Congress on Controversies in Obstetrics, Gynecology & Infertility (COGI), Beijing, China, November 12-15, 2009, Poster presentation. **The effects of prenatal depression on the fetus and newborn.**
39. 3rd Asia Pacific Congress on Controversies in Obstetrics, Gynecology & Infertility (COGI), Beijing, China, November 12-15, 2009, Poster presentation. **Migraine in pregnancy.**
40. Global Congress of Maternal and Infant Health, Barcelona, Spain, September 22-26, 2010, Poster presentation. **Risk factors of depression during pregnancy.**

41. Global Congress of Maternal and Infant Health, Barcelona, Spain, September 22-26, 2010, Poster presentation. **Stroke in pregnancy.**
42. Global Congress of Maternal and Infant Health, Barcelona, Spain, September 22-26, 2010, Poster presentation. **Bell's palsy during pregnancy.**
43. Global Congress of Maternal and Infant Health, Barcelona, Spain, September 22-26, 2010, Poster presentation. **Fish consumption and rise of mercury exposure in pregnancy.**
44. Global Congress of Maternal and Infant Health, Barcelona, Spain, September 22-26, 2010, Poster presentation. **Multiple sclerosis and pregnancy.**
45. The 10th International Congress of Endocrine Disorders, Tehran, Iran, October 22-24, 2014, Poster presentation. **Thyroid autoantibodies and the effect on pregnancy outcomes.**
46. The 10th International Congress of Endocrine Disorders, Tehran, Iran, October 22-24, 2014, Poster presentation. **Not using universal thyroid screening test during early pregnancy will overlook three out of four pregnant women with thyroid disorders.**
47. 7th IRHRC Annual Meeting Reproductive and Infertility Updates, Tehran, Iran, January 22-24, 2015. Oral presentation. **The prevalence of subclinical thyroid disorders during pregnancy and related risk factors, population-based study.**
48. 7th IRHRC Annual Meeting Reproductive and Infertility Updates, Tehran, Iran, January 22-24, 2015. Poster presentation. **Hyperthyroidism and pregnancy outcomes.**
49. 4th Iranian International Conference on Women health, Shiraz, Iran, May 20-21, 2015. Poster presentation. **Detection of thyroid dysfunction in pregnant women: universal screening or case-finding approach?**
50. 4th Iranian International Conference on Women health, Shiraz, Iran, May 20-21, 2015. Poster presentation. **The prevalence of thyroid autoimmunity during pregnancy, and related risk factors, a population-based study.**
51. 4th Iranian International Conference on Women health, Shiraz, Iran, May 20-21, 2015. Poster presentation. **Thyroid dysfunction and pregnancy outcomes.**
52. 17th European Congress of Endocrinology 2015, Ireland, Dublin, May 16-20, 2015. Poster presentation. **Mimic the symptoms of thyroid disorders in pregnant women.**
53. Twin Congress- ISERB 2016 & ICRHC 2016. The 2nd International Congress on Reproduction (ISERB 2016); The 1st International Congress on Reproductive Health and Childbearing (ICRHC 2016), Tehran, Iran, May 18-20, 2016. Poster presentation. **Subclinical hypothyroidism in pregnancy and miscarriages.**
54. Twin Congress- ISERB 2016 & ICRHC 2016. The 2nd International Congress on Reproduction (ISERB 2016); The 1st International Congress on Reproductive Health and Childbearing (ICRHC 2016), Tehran, Iran, May 18-20, 2016. Poster presentation. **Thyroid disorder symptoms and sign during pregnancy.**
55. Twin Congress- ISERB 2016 & ICRHC 2016. The 2nd International Congress on Reproduction (ISERB 2016); The 1st International Congress on Reproductive Health and Childbearing (ICRHC

- 2016), Tehran, Iran, May 18-20, 2016. Poster presentation. **The factors affecting anxiety and depression during pregnancy.**
56. 17th International Congress of Endocrinology. Beijing, China, Aug 31-Sep 4, 2016. Poster presentation. **Whether billewicz scoring method precisely predicts thyroid dysfunction in pregnant women? A population based cohort study.**
57. 17th International Congress of Endocrinology. Beijing, China, Aug 31-Sep 4, 2016. Oral presentation. **Effects of levothyroxine treatment on pregnancy outcomes in pregnant women with autoimmune thyroid disease.**
58. The 11th International Congress of Endocrine Disorders. Tehran, Iran, November 2-4, 2016. Oral presentation. **Effects of levothyroxine treatment on pregnancy outcomes in subclinical hypothyroidism pregnant women.**
59. 7th Yazd International Congress and Student Award in Reproductive Medicine with Second congress of Reproductive Genetics and Congress of Reproductive Immunology. Yazd, Iran, April 2017. Poster presentation. **Autoimmune Thyroid Disease in Pregnancy, a population-based study.**
60. 2nd Debatable Topics on Obstetrics, Gynecology & infertility. Tehran, Iran, February 14-16, 2018. Poster presentation. **Subclinical hypothyroidism in pregnancy and Low birth weight.**
61. 2nd Debatable Topics on Obstetrics, Gynecology & infertility. Tehran, Iran, February 14-16, 2018. Poster presentation. **Autoimmune subclinical hypothyroidism in pregnancy and Low birth weight.**
62. 16th International Congress of Obstetrics and Gynecology. Tehran, Iran, October 9-12, 2018. Poster presentation. **Assessment of risk factors for Positive thyroid peroxidase antibodies in pregnancy.**
63. 16th International Congress of Obstetrics and Gynecology. Tehran, Iran, October 9-12, 2018. Poster presentation. **Subclinical hypothyroidism in pregnancy and preterm delivery.**
64. The 12th International Congress of Endocrine Disorders. Tehran, Iran, November 14-16, 2018. Poster presentation. **Is treating TPOAb+ euthyroid/Subclinical hypothyroidism women with LT4 decrease preterm delivery?**
65. The 12th International Congress of Endocrine Disorders. Tehran, Iran, November 14-16, 2018. Oral presentation. **Trimester-specific reference ranges for thyroid function tests during pregnancy in Iranian pregnant women.**
66. The 8th Yazd International Congress and Student Award in Reproductive Medicine. Yazd, Iran, April 19-21, 2019. Poster presentation. **Levothyroxine treatment and pregnancy outcome in women with subclinical hypothyroidism: A systematic review and meta-analysis.**
67. The 15th International Congress of Obstetrics and Gynecology in Iran. Tehran, Iran, October 8-11, 2019. Poster presentation. **The prevalence of thyroid dysfunction during pregnancy a population-based study.**
68. The 15th International Congress of Obstetrics and Gynecology in Iran. Tehran, Iran, October 8-11, 2019. Poster presentation. **The impact of maternal levothyroxine treatment on the neurodevelopment of offspring born to mothers with thyroid dysfunction, a systematic review.**

69. The 9th Iranian Congress of Epidemiology. Tehran, Iran, October 22-24, 2019. Poster presentation. **Establishment of trimester-specific reference range for thyroid hormones during pregnancy.**
70. The 9th Iranian Congress of epidemiology, Tehran, Iran, October 22-24. Poster presentation **Bayesian and latent approaches to solving the problem of epidemiological data fragmentation.**
71. The 7th Iranian Congress on Obesity Prevention and Treatment. November 27-29, 2019. Poster presentation. **The effect of overweight and maternal obesity on adverse pregnancy outcomes.**
72. The 7th Iranian Congress on Obesity Prevention and Treatment. November 27-29, 2019. Poster presentation. **The relationship between obesity and endocrine disorders.**
73. The 7th Iranian Congress on Obesity Prevention and Treatment. November 27-29, 2019. Poster presentation. **Relationship between body mass index and age of menopause in Iranian women: Tehran Lipid and Glucose Study.**
74. The 7th Iranian Congress on Obesity Prevention and Treatment. November 27-29, 2019. Poster presentation. **Effects of oral contraceptives containing levonorgestrel on the obesity parameters of hyperandrogenic patients with polycystic ovary syndrome.**
75. The 8th International Conference on Women's Health. Tehran, Iran, December 4 & 5, 2019. Poster presentation. **Investigation of risk factors of anxiety and depression in pregnancy.**
76. The 8th International Conference on Women's Health. Tehran, Iran, December 4 & 5, 2019. Poster presentation. **The Relationship between Body Image and Coping Styles with Severity of Primary Dysmenorrhea.**
77. The 8th International Conference on Women's Health. Tehran, Iran, December 4 & 5, 2019. Poster presentation. **Factors associated with increased pain in primary dysmenorrhea: analysis via a multivariate ordered linear regression model.**
78. Third Debatable Topics in Obstetrics, Gynecology & Infertility (DTOGI) (International). Tehran, Iran, February 5-7 2020. Poster presentation. **The relationship between maternal urinary iodine concentration and preterm labor.**
79. Third Debatable Topics in Obstetrics, Gynecology & Infertility (DTOGI) (International). Tehran, Iran, February 5-7, 2020. Poster presentation. **Primary dysmenorrhea and its effect on quality of life.**
80. Third Debatable Topics in Obstetrics, Gynecology & Infertility (DTOGI) (International). Tehran, Iran, February 5-7, 2020. Poster presentation. **Duration of hormonal contraceptive pills use and metabolic disorders.**
81. Third Debatable Topics in Obstetrics, Gynecology & Infertility (DTOGI) (International). Tehran, Iran, February 5-7, 2020. Poster presentation. **Impact of body mass index and lipid profiles on blood pressure changes overtime in women with and without a history of preeclampsia: A prospective cohort study.**
82. 16th International Thyroid Congress. Virtual congress, December 16-20, 2020. As Invited Speaker. **Maternal Subclinical Hypothyroidism and neurodevelopment of the offspring.**

83. Thyroid Diseases Webinar. Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences. February 18, 2021. As Invited Speaker. **Reproductive outcomes of subclinical hypothyroidism, "Offspring impact"**.
84. The 13th International Congress of Endocrine Disorders. Tehran, Iran, November 10-12, 2021. Oral presentation. **Isolated Maternal hypothyroxinemia and adverse pregnancy outcomes.**
85. The 13th International Congress of Endocrine Disorders, Tehran, Iran, November 10-12, 2021. Poster presentation. **Subclinical Hyperthyroidism and Adverse Pregnancy Outcomes: A Systematic Review and Meta-Analysis.**
86. The 10th International Conference on Women's Health. Shiraz, Iran, December 1-2, 2021. Poster presentation. **Thyroid function and weight gain during pregnancy.**
87. The 10th International Conference on Women's Health. Shiraz, Iran, December 1-2, 2021. Poster presentation. **Mode of delivery and neonatal thyroid hormones levels at birth.**
88. Application of high innovative technologies in preventive medicine. Andijan state medical institute, Uzbekistan, June 10,11, 2022. Oral presentation. **Isolated Maternal hypothyroxinemia and adverse pregnancy outcomes.**
89. International Symposium of Forensic Nursing. İzmir, Turkey, 17-18 November 2022. Oral presentation (As Invited Speaker). **Sexual Assault and the Role of Forensic Nursing.**
90. The modern methods of diagnosis and treatment of gynecological diseases. Andijan state medical institute, Uzbekistan, 2 December 2022. Oral presentation. **Levothyroxine Therapy for Pregnant Women with Subclinical Hypothyroidism and neurodevelopment of their offspring.**
91. 10th YAZD International Congress and Student Award on Reproductive Medicine With 5th Congress of Reproductive Genetics. Yazd, Iran, 19-21May 2023. Poster presentation. **Pregnancy outcomes in mothers with Covid-19 infection, A meta-analysis.**
92. 10th YAZD International Congress and Student Award on Reproductive Medicine With 5th Congress of Reproductive Genetics. Yazd, Iran, 19-21May 2023. Poster presentation. **Relationship of breast cancer with reproductive factors.**
93. 16th International Breast Cancer Congress. Shahid Beheshti University of Medical Sciences, Tehran, Iran March 2023. Poster presentation. **Reproductive and nutrition risk factors in breast cancer.**
94. International Symposium of Forensic Nursing. **Role of Sexual Assault Nurse examiner.** İzmir, Türkiye, 08- 10 May 2023. Sima Nazarpour (As Invited Speaker).
95. Royan International Hybrid Twin Congress, 24th Hybrid Congress on Reproductive Biomedicine, 18th Seminar on Nursing and Midwifery. Tehran, Iran, 31 Aug-1 Sep 2023. Poster presentation (P-94). **Life Style and Reproductive Risk Factors in Breast Cancer.**
96. 14th International Congress on Endocrine Disorders (ICED). Tehran, Iran. November 22-24, 2023. Oral presentation. **Subclinical hyperthyroidism and adverse pregnancy.**
97. 14th International Congress on Endocrine Disorders (ICED). Tehran, Iran. November 22-24, 2023. Poster presentation. **Subclinical hypothyroidism and Gestational diabetes.**

98. 8th Forensic Nursing Congress Van, Türkiye. 24-26 April 2024. Oral presentation (As Invited Speaker). **Clinical Forensic Medicine: Evaluation and Management of Cases of Violence Against Women.**
99. National Conference on Reproductive Health and Women's Mental Health. Islamic Azad University of Medical Sciences, Tabriz, Iran. June 12, 2024. Poster presentation. **The role of maternal thyroid function in pregnancy weight gain.**
100. National Conference on Reproductive Health and Women's Mental Health. Islamic Azad University of Medical Sciences, Tabriz, Iran. June 12, 2024. Poster presentation. **Investigating the relationship between gestational diabetes and subclinical hypothyroidism in pregnancy.**
101. National conference on Covid Lesson learned & Achievements Congress (CAC2024), Baqiyatullah University of Medical Sciences, Tehran, Iran. September 26, 27. Poster presentation. **Pregnancy outcomes in mothers with Covid-19 infection.**
102. The 9th Iran Obesity Congress, Tehran, Iran. December 18-20, 2024. Poster presentation. **Impact of Maternal Obesity and Gestational Weight Gain on Pregnancy Outcomes.**
103. The 9th Iran Obesity Congress, Tehran, Iran. December 18-20, 2024. Poster presentation. **Obesity and Sexual dysfunction.**
104. Seminar on Abortion Prevention in the Context of Supporting Family Excellence and the Youth of the Population. Tehran (Pishva), Iran. February 20-21 2025. As invited speaker. **Factors affecting illegal and unsafe abortions.**
105. 11th YAZD International Congress and Student Award on Reproductive Medicine, Yazd, Iran. May 15-17, 2025. Poster presentation. **Air pollution and gestational diabetes: A cohort study.**
106. 9th International Forensic Nursing Congress, Kırıkkale, Türkiye (Kırıkkale University, İzmir Kâtip Çelebi University, Yozgat Bozok University and the Association of Forensic Scientists). May 20-22, 2025. As Invited Speaker. **Factors Affecting Illegal and Unsafe Abortion.**
107. The 11th Scientific and Research Conference on Educational Sciences and Psychology, Social and Cultural Harms of Iran. Tehran, Iran. September 21, 2025. Poster presentation. **Studying the relationship between quality of life and mental health with premenstrual syndrome in Iranian women.**
108. The 14th International Conference on Women's Health. Shiraz, Iran. Oct, 8-9 2025. Poster presentation. **The role of emotional intelligence and social support in predicting psychological well-being in pregnant women.** Sahar Hosseini, Sima Nazarpour*.
109. The 14th International Conference on Women's Health. Shiraz, Iran. Oct, 8-9 2025. Poster presentation. **Comparison of rumination, sexual self-concept and marital boredom in fertile and infertile women.** Mehri Niroumand, Sima Nazarpour*.
110. The 14th International Conference on Women's Health. Shiraz, Iran. Oct, 8-9 2025. Poster presentation. **Predicting symptoms of obsessive-compulsive disorder based on attachment styles, perfectionism and resilience in pregnant women.** Azin Habibinejad, Sima Nazarpour*.
111. The 14th International Conference on Women's Health. Shiraz, Iran. Oct, 8-9 2025. Poster presentation. **Comparison of personality factors and quality of life in women with breast cancer and healthy women in Tehran.** Samira Rudgar, Sima Nazarpour, Morteza Andalib Korayem*.
112. The 9th International Congress on BioMedicine (ICB), IRAN 10th-18th November 2025. Poster presentation. **The Application of Artificial Intelligence in the Prediction and Management of Infertility**

in Women with Polycystic Ovary Syndrome (PCOS): A Systematic Review. Zahra Tajalifar, Shohreh Najafipour, Sima Nazarpour, Fatemeh Tajalifar.

113. The First National Conference Environment, smart agriculture, Food security .Islamic Azad University, Varamin – Peshva Branch. Varamin, Iran. November 19 2025. Poster presentation. **Applications of Food Nanomaterials and Their Reproductive Safety: A New Horizon in Maternal and Fetal Health.** Sima Nazarpour*, Simin Parvanehvar , Fatemeh Alavi Zerang.
114. The First National Conference Environment, smart agriculture, Food security .Islamic Azad University, Varamin – Peshva Branch. Varamin, Iran. November 19 2025. Poster presentation. **Association of Food Insecurity with Metabolic Dysfunction-Associated Steatotic Liver Disease (MASLD): A Systematic Review.** Fatemeh Alavi Zerang*, Sima Nazarpour, Simin Parvanehvar.
115. The First National Conference Environment, smart agriculture, Food security .Islamic Azad University, Varamin – Peshva Branch. Varamin, Iran. November 19 2025. Poster presentation. **Food Insecurity and Maternal Health: Implications for Gestational Diabetes.** Simin Parvanehvar*, Sima Nazarpour, Fatemeh Alavi Zerang.

Research Projects:

- 1- A Survey on the Viewpoints of Students of Islamic Azad University of Varamin-Pishva in Improving the Status of Clinical Internship, 2004.
- 2- The Survey on comments of the Managers, Instructors and Nursing Students of Islamic Azad University of Varamin-Pishva Branch in Improving the Evaluation of Clinical Trials in 2005, 2005--2006.
- 3- Sleep disorders in late pregnancy and its effect on the length of labor and type of delivery, 2006-2007.
- 4- Study of depression, anxiety and influencing factors in pregnancy, 2009.
- 5- Cadmium and Chrome concentrations in human milk in Varamin, 2010-2011.
- 6- Investigation of pregnancy outcome of euthyroid pregnant women with positive TPO antibody, 2013-2015.
- 7- Study of Prevalence of thyroid dysfunction during pregnancy and its effect on the pregnancy outcome, 2013-2015.
- 8- Assessment of the effect of Levothyroxine on pregnancy outcome of euthyroid pregnant women with positive TPO antibody: Randomized Clinical Trial, 2013-2015.
- 9- Investigation of pregnancy outcomes of pregnant women with subclinical hypothyroidism and negative TPO antibody, 2013-2015.
- 10- Comparison of universal and targeted screening for thyroid dysfunction in pregnant women, 2014-2016.
- 11- Assessment of the effect of Levothyroxine on pregnancy outcome in pregnant women with subclinical hypothyroidism and negative TPO antibody: Randomized Clinical Trial, 2015-2017.

- 12- Investigation of preterm labour in pregnant women with subclinical hypothyroidism and positive TPO antibody, 2015-2017.
- 13- Cost-Effectiveness of universal and risk-based screening for subclinical hypothyroidism in Iranian pregnant women, 2016-2017.
- 14- Effects of levothyroxine treatment on pregnancy outcomes in pregnant women with autoimmune thyroid disease, 2016-2018.
- 15- Validation of billewicz scoring system for the detection of hypothyroidism in pregnant women, 2017-2018.
- 16- Mimetical Signs and Symptoms of Thyroid Disorders in Healthy Pregnant Women, 2017-2018.
- 17- Assessment of reproductive health indexes in TLGS .
- 18- Assessment of the effect of Levothyroxine on the infant development status in pregnant women with autoimmune non overt thyroid disease: Randomized Clinical Trial, 2017-2019.
- 19- Assessment of the effect of Levothyroxine on the infant development status in pregnant women with subclinical hypothyroidism: Randomized Clinical Trial, 2017-2020.
- 20- Study of pregnancy outcomes in women with iodine deficiency. 2018-2019.
- 21- Study of the relationship between urinary iodine and pregnancy outcomes, a systematic review and meta-analysis. 2018-2019.
- 22- The effect of levothyroxine on pregnancy outcomes in women with subclinical hypothyroidism, a systematic review and meta-analysis. 2019.
- 23- Detecting the optimal threshold for 1st trimester maternal serum concentration of TPOAb to predict adverse pregnancy outcomes using generalized additive models (GAM). 2019-2021.
- 24- To compare the incidence of GDM between SCH and Euthyroid pregnant women in Tehran thyroid and pregnancy study, 2019-2021.
- 25- Evaluation of adverse pregnancy outcomes in women with isolated hypothyroxinemia in Tehran thyroid and pregnancy study, 2019-2021.
- 26- The evaluation of the psychometric properties of GDM specific quality of life questionnaire in women with gestational diabetes, 2019-2021.
- 27- To determine the association between male infertility and metabolic disturbances in Tehran Lipid and Glucose Study, 2019-2021.
- 28- To determine the association between changes in body shape index and age at menarche in women of TLGS, 2019-2021.
- 29- The Relationship between neonatal thyroid hormone levels and mode of delivery: A Narrative Review. 2020
- 30- To assess the relationship of polycystic ovary syndrome with breast, endometrial and ovarian cancers: A systematic review. 2020

- 31- To assess the relationship between adverse pregnancy outcomes with isolated maternal hypothyroxinemia: A systematic review. 2020
- 32- The relationship between maternal subclinical hyperthyroidism and adverse pregnancy outcomes, A systematic review and meta-analysis. 2020
- 33- Evaluation of the relationship between maternal subclinical hyperthyroidism and adverse pregnancy outcomes in Tehran Thyroid and Pregnancy study (TTPs). 2020.
- 34- Investigating the relationship between air pollution and infant mortality in Tehran .2021.
- 35- The relationship between air pollutants and neonatal death due to premature birth in Tehran, a time series study .2021.
- 36- Evaluation of adverse pregnancy outcomes in women with isolated hypothyroxinemia in Tehran thyroid and pregnancy study. 2021.
- 37- Investigation of breast cancer risk factors in Tajrish and Imam Hossein Martyrs Hospitals in Tehran: A case-control study. 2020-2022
- 38- Evaluation of adverse pregnancy outcomes in women with Covid-19: A systematic review study . 2020-2021.
- 39- The association between air pollutant levels and the incidence of gestational diabetes. 2021-2022.
- 40- The relationship between air pollution and the incidence of gestational diabetes, a systematic review and meta-analysis. 2022-2023.
- 41- Comparison of anxiety and depression among two groups of women who experienced spontaneous abortion and childbirth in unhealthy pregnancies in Tehran in 1400.
- 42- Investigating the Association Between Polycystic Ovary and Subclinical Hypothyroidism: A National Study of Polycystic Ovary Syndrome (Research Code: 43010679)
- 43- Investigating Factors Affecting Birth Weight: Secondary Analysis of Data from the National Study of Gestational Diabetes (Research Code: 43011133)
- 44- Comparison of Quality of Life in Women with Polycystic Ovary Syndrome and Healthy Women (Research Code: 43016085)
- 45- Design of a Registry Program for Premature Ovarian Insufficiency (Research Code: 43017199)*
- 46- Investigating the Association Between Polycystic Ovary Syndrome and Thyroid Disorders: A Systematic Review and Meta-Analysis (Research Code: 43017462)*

6. Executive records (responsibilities):

No.	Title of responsibility	Organization / Institute	Year
1	Director of Midwifery and Nursing department	Islamic Azad University, Varamin-Pishva Branch	1398- 2002
2	Dean of the Faculty of Nursing and Midwifery	Islamic Azad University, Varamin-Pishva Branch	2002-2013
3	Director of midwifery department	Islamic Azad University, Varamin-Pishva Branch	2002-2015
4	Dean of the Faculty of Medical Sciences	Islamic Azad University, Varamin-Pishva Branch	March, 2023 until now

7- Academic Awards:

- **The top research position of Islamic Azad University in 2014, 2018, 2019, 2018, 2019, 2022, 2022.**
- **The position of the top researcher of Varamin City in 2013**
- **The position of a top faculty member of Islamic Azad University**
- **The first place of the best thesis of the third festival of ISERB Embryology and Reproduction Society of Iran in the field of reproduction. 2017**
- **Top researcher position at Shahid Beheshti University Endocrinology Research Center in 2018 and 2019**
- **Winner of the 2022 selected book award in Iran with the title "Obstetrics".**

8. Membership in scientific forums and associations:

- **Member of the Scientific Committee of the Forensic Nursing Congress, Turkey, 2024 and 2025**
- **Member of the Scientific Committee of the 2nd International Conference on Gynecology, Obstetrics and Infertility, Malaysia, 2026**

9. (Skills (mastering foreign languages, software or device, ...) (with full specifications)