

Marzieh Rostami Dovom
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Academic background:

Degree	University	Date
PhD. by Research: Health Sciences	Shahid Beheshti University of Medical Sciences	2016-2022
M.S. in medical Education	Shahid Beheshti University of Medical Sciences	2012-2016
B.S. in midwifery	Azad University Tabriz	1991-1994

Professional Experience:

Researcher in Clinical Research Department, Breast Cancer Research Center, Motamed Cancer Institute, Tehran-Iran	2022 up to now
Researcher in Reproductive Endocrine Research Center, Research Institute of Endocrine Sciences, Shahid Beheshti University of Medical Sciences	2010- 2022
Research staff in National Research Center for Reproductive Health, Deputy of Research & Technology, Ministry of Health and Medical Education, Tehran, Iran	1993 - 2005

Subject of the PhD thesis:

Inducing premature ovarian failure experimental model through in utero exposure to galactose and comparison of the reproductive, metabolic, and immunological characteristics of female first-generation rats with controls

Subject of the master thesis:

Instructional Design for Diagnosis and Treatment of Polycystic Ovary Syndrome for General Practitioners

Presentations:

Congress	Oral/poster	Date/ place	subject
The 3rd International congress on biomedicine	Oral	Nov,2019	Ovarian histological profile by using D galactose induction for premature ovarian failure in small animal laboratory
The 7th Iranian Congress on Obesity Prevention and Treatment	Oral	Dec,2019	Obesity and sexual dysfunction
The 7th Iranian Congress on Obesity Prevention and Treatment	Poster	Dec,2019	The relationship between body mass index and menopausal age in Iranian women: Tehran Lipid and Glucose Study
Eighth International Congress and Student Festival of Reproductive Medicine	Poster	April, 2019	comparison of pre and postnatal rat model of polycystic ovary syndrome
Eighth International Congress and Student Festival of Reproductive Medicine	poster	April, 2019	The risk of hypertension in polycystic ovary syndrome
17th International Congress of Endocrinology in collaboration with the 15th Annual Meeting of the Chinese Society of Endocrinology (ICE-CSE 2016).	poster	Sep, 2016	Menstrual Cycle Irregularity and metabolic Disorders, a population based prospective study
The 17th International Congress of Endocrinology in collaboration with the 15th Annual Meeting of the Chinese Society of Endocrinology (ICE-CSE 2016).	poster	Sep,2016	Prevalence of pregnancy complications in different phenotypes of polycystic ovary syndrome
The first International Congress of Reproductive and Childhood Health Sciences and the Second International Congress of Reproduction	Oral	April/2016	The knowledge of Iranian general practitioners regarding to diagnose and treatment of the polycystic ovary syndrome
The 10th international congress of Endocrine disorders	Poster	October/2014	Prevalence of secondary infertility among Iranian women
The second international congress of women Health	Oral	April/2013	The role of health system management in decreasing cesarean section rates
The role of education in reducing thyroid disease in pregnant mothers	Oral	April/ 2013	The role of education in reducing thyroid disease in pregnant mothers
The 8th congress of the European society of contraception	Poster	Edinburgh, Scotland United Kingdom 23-26 June, 2004	Hormonal contraceptive methods using or not using in Iran".
The 8th congress of the European society of contraception	Poster	Edinburgh, Scotland United Kingdom 23-26 June, 2004	Sexual transmission diseases and AIDS awareness of community in Iran
The 8th congress of the European society of contraception	Poster	Edinburgh, Scotland United Kingdom 23-26 June, 2004	Mechanical contraceptive methods and their complications in Iran
The 8th congress of the European society of contraception	Poster	Edinburgh, Scotland United Kingdom 23-26 June, 2004	Risky behavior among youth in Iran

Publication in English

- 1- Rostami Dovom, M.; Rahmati, M.; Amanollahi Soudmand, S.; Ziaeefar, P.; Azizi, F.; Ramezani Tehrani, F. The Hidden Link between Polycystic Ovary Syndrome and Kidney Stones: Finding from the Tehran Lipid and Glucose Study (TLGS). *Diagnostics* 2023, 13, 2814. <https://doi.org/10.3390/diagnostics13172814>
- 2- Ramezani Tehrani F, Farzadfar F, Hosseinpanah F, Rahmati M, Firouzi F, Abedini M, Hadaeigh F, Valizadeh M, Torkestani F, Khalili D, Solaymani-Dodaran M, Bidhendi-Yarandi R, Bakhshandeh M, Ostovar A, Dovom MR, Amiri M, Azizi F, Behboudi-Gandevani S. Does fasting plasma glucose values 5.1-5.6 mmol/l in the first trimester of gestation a matter? *Front Endocrinol (Lausanne)*. 2023 Jun 2;14:1155007. doi: 10.3389/fendo.2023.1155007. PMID: 37334302; PMCID: PMC10273274.
- 3- Dovom MR, Noroozadeh M, Mosaffa N, Zadeh-Vakili A, Piryaei A, Rahmati M, Azar MF, Tehrani FR. Continued exposure to D-galactose in postnatal period may inhibit excessive primordial follicle reduction in rats exposed prenatally to D-galactose. *Birth Defects Res*. 2022 Sep 2. doi: 10.1002/bdr2.2083. Epub ahead of print. PMID: 36054434.
- 4- Rostami Dovom, M., Noroozadeh, M., Mosaffa, N., Piryaei, A., Zadevakili, A., Abdollahifar, M.A. and Tehrani, F.R., 2022. Induction of a rat model of premature ovarian insufficiency using D-galactose feeding during the critical periods of development: A pilot study. *International Journal of Reproductive BioMedicine (IJRM)*, pp.319-330. doi: [10.1186/s13048-019-0565-6](https://doi.org/10.1186/s13048-019-0565-6)
- 5- Rostami Dovom M, Noroozadeh M, Mosaffa N, Piryaei A, Zadeh-Vakili A , et al. Maternal Exposure to D-galactose Reduces Ovarian Reserve in Female Rat Offspring Later in Life. *Int J Endocrinol Metab*. 2022;20(2):e123206. [doi: 10.5812/ijem-123206](https://doi.org/10.5812/ijem-123206).
- 6- Rostami Dovom M, Bidhendi-Yarandi R, Mohammad K, Farahmand M, Azizi F, Ramezani Tehrani F. Prevalence of premature ovarian insufficiency and its determinants in Iranian populations: Tehran lipid and glucose study. *BMC Womens Health*. 2021;21(1):79. Epub 2021/02/25. <https://pubmed.ncbi.nlm.nih.gov/33622308/>
- 7- Behboudi-Gandevani, F Ramezani Tehrani, M Rostami Dovom, Insulin resistance in obesity and polycystic ovary syndrome: systematic review and meta-analysis of observational studies, *Gynecological Endocrinology* 32 (5), 343-353, <https://www.tandfonline.com/doi/abs/10.3109/09513590.2015.1117069>
- 8- Saei Ghare Naz M, Rostami Dovom M, Ramezani Tehrani F. The Menstrual Disturbances in Endocrine Disorders: A Narrative Review. *International Journal of Endocrinology and Metabolism*. 2020;18(4). <https://pubmed.ncbi.nlm.nih.gov/33613678/>

- 9- Rostami Dovom M, Moslehi N, Mirmiran P. Habitual dietary lactose and galactose intakes in association with age at menopause in non-galactosemic women. 2019;14(3):e0214067 .<https://pubmed.ncbi.nlm.nih.gov/30889195/>
- 10- Behboudi-Gandevani S, Yarandi RB, Dovom MR, Azizi F, Tehrani FR. The Association Between Male Infertility and Cardiometabolic Disturbances: A Population Based Study. 2021;19,(2) <https://sites.kowsarpub.com/ijem/articles/107418.html>
- 11- Rostami Dovom M, Noroozadeh M, Mosaffa N, Zadeh–Vakili A, Piryaei A, Ramezani Tehrani F. Induced premature ovarian insufficiency by using D galactose and its effects on reproductive profiles in small laboratory animals: a systematic review. Journal of Ovarian Research. 2019;12(1):96 .<https://pubmed.ncbi.nlm.nih.gov/31619267/>
- 12- Tehrani FR, Behboudi-Gandevani S, Dovom MR, Farahmand M, Minooe S, Noroozadeh M, et al. Reproductive assessment: Findings from 20 years of the Tehran Lipid and Glucose Study. International journal of endocrinology and metabolism. 2018;16(4 Suppl) <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6289318/>
- 13- Behboudi-Gandevani S, Amiri M, Bidhendi Yarandi R, Noroozadeh M, Farahmand M, Rostami Dovom M, et al. The risk of metabolic syndrome in polycystic ovary syndrome: A systematic review and meta-analysis. Clinical endocrinology. 2018;88(2):169-84 . <https://pubmed.ncbi.nlm.nih.gov/28930378/>
- 14- Noroozadeh M, Tehrani FR, Mobarakabadi SS, Farahmand M, Dovom MR. Sexual function and hormonal profiles in women with and without polycystic ovary syndrome: a population-based study. International journal of impotence research. 2017;29(1):1 . <https://www.nature.com/articles/ijir201635?proof=true&draft=collection>
- 15- Farahmand M, Tehrani FR, Dovom MR, Azizi F. Menarcheal age and risk of type 2 diabetes: A community-based cohort study. Journal of clinical research in pediatric endocrinology. 2017;9(2):156 .<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5463289/>
- 16- Hashemi S, Tehrani FR, Mohammadi N, Dovom MR, Torkestani F, Simbar M, et al. Comparison of metabolic and hormonal profiles of women with and without premenstrual syndrome: A community based cross-sectional study .International journal of endocrinology and metabolism. 2016;14(2) <https://pubmed.ncbi.nlm.nih.gov/27679647/>
- 17- Farahmand M, Tehrani FR, Dovom MR, Hashemi S, Azizi F. The impact of oral contraceptives on cardiometabolic parameters. Journal of endocrinological investigation. 2016;39(3):277-83 .<https://pubmed.ncbi.nlm.nih.gov/26223383/>

- 18- Dovom MR, Tehrani FR, Djalalinia S, Cheraghi L, Gandavani SB, Azizi F. Menstrual cycle irregularity and metabolic disorders: a population-based prospective study. PloS one. 2016;11(12):e0168402 .<https://pubmed.ncbi.nlm.nih.gov/27992506/>
- 19- Behboudi-Gandevani S, Ramezani Tehrani F, Rostami Dovom M, Farahmand M, Bahri Khomami M, Noroozadeh M, et al. Insulin resistance in obesity and polycystic ovary syndrome: systematic review and meta-analysis of observational studies. Gynecological Endocrinology. 2016;32(5):343-53 .<https://pubmed.ncbi.nlm.nih.gov/27052492/>
- 20- Lotfi R, Tehrani FR, Dovom MR, Torkestani F, Abedini M, Sajedinejad S. Development of strategies to reduce cesarean delivery rates in Iran 2012–2014: a mixed methods study. International journal of preventive medicine. 2014;5(12):1552 .
- 21- <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4336986/>
- 22- Dovom MR, Tehrani FR, Amiri P, Amirshkari G, Farahmand M, Azizi F. Main facilitators of smoking among young males in Tehran: Tehran Lipid and Glucose Study. Iranian Red Crescent Medical Journal. 2014;16(9)
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4270672/>
- 23- Dovom MR, Tehrani FR, Abedini M, Amirshkari G, Hashemi S, Noroozadeh M. A population-based study on infertility and its influencing factors in four selected provinces in Iran (2008-2010). Iranian journal of reproductive medicine. 2014;12(8):56.
<https://pubmed.ncbi.nlm.nih.gov/25408706/>
- 24- Tehrani FR, Tohidi M, Dovom MR, Azizi F. A population based study on the association of thyroid status with components of the metabolic syndrome. J Diabetes Metab. 2011;2(8):156-68 .<https://www.longdom.org/abstract/a-population-based-study-on-the-association-of-thyroid-status-with-components-of-the-metabolic-syndrome-26155.html>

Publications in Farsi:

- 1- Rostami Dovom M, Ahmady S, Amirshkari G, Amiri P, Ramezani Tehrani F. Awareness and Performance of Iranian General Practitioners in Diagnosis and Clinical Management of Polycystic Ovary Syndrome. Iranian Journal of Endocrinology and Metabolism. 2021; 22 (5) :445-445
<http://ijem.sbmu.ac.ir/article-1-2758-en.html>
- 2- Rostami Dovom M, Behboudi Gandavani S, Farahmand M, Nazarpour S, Ramezani Tehrani F, Azizi F. Comparison of maternal and fetal complications in women with

various phenotypes of polycystic ovary syndrome. The Iranian Journal of Obstetrics, Gynecology and Infertility. 2020;23(3):58-67.

https://ijogi.mums.ac.ir/article_15998.html?lang=en

- 3- Rostami Dovom M, Ramezani Tehrani F. A Review of the Relationship between Obesity and Some Sexual Dysfunction in Men and Women. Iranian Journal of Endocrinology and Metabolism. 2020;21(5):319-28.
https://ijem.sbm.ac.ir/browse.php?a_id=2669&sid=1&slc_lang=en
- 4- Saei Ghare Naz M, Rostami Dovom M, Ramezani Tehrani F. Modern pharmacological treatments of sexual dysfunction in women: a narrative review. The Iranian Journal of Obstetrics, Gynecology and Infertility. 2020;23(9):69-84.
https://ijogi.mums.ac.ir/article_17388_afda5eddd975fe66e20ff78c3a78ab8f.pdf?lang=en
- 5- Rostami Dovom M, Ramezani Tehrani F, Nazeri P, Alamdari S, Azzizi F. Using a Scientific Map to Compare Scientific Publications on Poly Cystic Ovary Syndrome in Iran, Middle East and Other Countries. Iranian Journal of Endocrinology and Metabolism. 2016;18(4):287-96 .
http://ijem.sbm.ac.ir/browse.php?a_id=2090&sid=1&slc_lang=en
- 6- Behboudi-Gandevani S, Ramezani Tehrani F, Rostami Dovom M, Azizi F. Population policies and contraception use behavior: Tehran Lipid and Glucose Study. Hakim Health Systems Research Journal. 2016;19(1):25-32 .
http://hakim.hbi.ir/browse.php?a_id=1662&sid=1&slc_lang=en
- 7- Lotfi R, Ramezani Tehrani F, Torkestani F, Rostami Dovom M, Abedini M, Sajedinejad S. Health system management and strategies to decrease elective cesarean section: A qualitative study. Payesh. 2015;14(1)
<http://www.payeshjournal.ir/Fa/article/Article.aspx?aid=110044&tabid=74>
- 8- Rashidi H, Ramezani Tehrani F, Bahri Khomami M, Rostami Dovom M, Noroozadeh M, Azizi F. The Prevalence of Various Phenotypes of Polycystic Ovary Syndrome: a Community-Based Study in Southwest of Iran. Iranian Journal of Endocrinology and Metabolism. 2014;16(1):119-26.
http://ijem.sbm.ac.ir/files/site1/user_files_3b2fa3/bahrymahnaz-A-10-1658-1-f57758a.pdf
- 9- Rostami Dovom M, Ramezani Tehrani F, Farahmand M, Hashemi S, Rezaee N, Azizi F. Prevalence of Menstrual Disorders and its Related Factors in 18-45 year-old Iranian Women in Four Selected Provinces. Hakim Health Systems Research Journal. 2014;17(3):192-9 .
http://hakim.hbi.ir/browse.php?a_id=1365&sid=1&slc_lang=fa

- 10- Hashemi S, Ramezani TF, Noroozzadeh M, Rostami DM, Azizi F. Infertility, the Most Adverse Outcome Among Sexual Function Outcome Affecting of Iranian Women with Polycystic Ovarian Syndrome. 2014
http://ijem.sbm.ac.ir/browse.php?a_id=1702&sid=1&slc_lang=fa
- 11- Ramezani Tehrani F, Minooe S, Rostami M, Hashemi S, Azizi F. Determination and Comparison of Estimated Menopausal Age Based on Serum Anti-Mullerian Hormone in Women with and without Polycystic Ovarian Syndrome. Iranian Journal of Endocrinology and Metabolism. 2014;16(4):283-9 .
http://ijem.sbm.ac.ir/browse.php?a_id=1643&sid=1&slc_lang=fa
- 12- Rostami Dovom M, Ramezani tehrani F, Abedini M, Amirshakari G, Mehrabi Y. Prevalence of primary and secondary infertility among 18-49 years old Iranian women: A population based study in four selected provinces: Hakim research Journal. 2014;16(4).
http://hakim.hbi.ir/browse.php?a_id=1200&sid=1&slc_lang=en
- 13- Tehrani FR, Tohidi M, Dovom MR, Azizi F. A population based study on the association of thyroid status with components of the metabolic syndrome. J Diabetes Metab. 2011;2(8):156-68 .
<https://www.sid.ir/fa/Journal/ViewPaper.aspx?ID=130188>
- 14- Ramezani TF, Amiri P, Simbar M, Rostami dovom M, Azizi F. Do men consider health as a priority? A qualitative study. 2011, <https://www.sid.ir/en/Journal/ViewPaper.aspx?ID=244390>
- 15- Ramezani Tehrani F, Malekafzali H, Djalalinia S, Rostami Dovom M. Training of general practitioners about smoking cessation counseling. Hakim Res J. 2007;2(10):15-20 .
<http://hakim.hbi.ir/article-1-403-fa.pdf>
- 16- Ramezani Tehrani F, Malekafzali H, Djalalinia S, Rostami Dovom M. Knowledge of general practitioners about smoking cessation counseling. Medical Sciences Journal. 2006;16(3):155-159.

Authorship or translation of books:

- 1- Translation :
Norplant, A practical guideline for family planning care units. McIntosh N, Davis Ch, Rise bower P: Ramezanzadeh F, Rostami M. Taymoorzadeh Publication, Tabib, 1999
- 2- Authorship:
Comprehensive fasting book, the effect of Islamic fasting on pregnancy on mother and fetus (Chapter 29),

Awards:

- First rank in undergraduate
- Second rank in postgraduate
- Top Midwives, 1991
- Fertility Health Bank Design Award 2001

Short-term training courses**A: Short-term training courses**

- 1- peer review workshop for scientific articles, Endocrinology and Metabolism Research Institute, 2018
- 2- Survival analysis workshop, Endocrinology and Metabolism Research Institute, December 2014
- 3- Logistic Regression Analysis Workshop, Endocrinology and Metabolism Research Institute, December 2014
- 4- Workshop "Error in research, beyond distortion and distortion" Research Institute of Endocrinology and Metabolism Sciences, 2013
- 5- "Schedule of Logistic Regression modeling for longitudinal studies" workshop, Institute of Endocrinology and Metabolism, Shahid Beheshti University of Medical Sciences, 1390
- 6- "How to use the data of a longitudinal study" workshop, Endocrinology and Metabolism Research Institute, 2019
- 7- "Training of statistical methods in survival data analysis based on TLGS data" workshop: Endocrine and Metabolism Research Institute, 1389
- 8- "Evidence-based medicine" workshop, University of Welfare and Rehabilitation Sciences, Shahid Beheshti University, 2016
- 9- The third course of training skills for the prevention of sexually transmitted diseases and AIDS (45 hours of training) workshop, Ministry of Health Research and Technology Deputy, 1384
- 10- "Essay writing" workshop, Gilan University of Medical Sciences, 1383
- 11- The first training course on sexually transmitted diseases and AIDS prevention skills, Faculty of Health, Tehran University of Medical Sciences, 1382
- 12- The second training course on sexually transmitted diseases and AIDS prevention skills, Faculty of Health, Tehran University of Medical Sciences, 1382
- 13- Analyzing gender issues in supporting reproductive health rights and empowering women workshop, Center for Women's Participation, 2013
- 14- Training workshop on health management in emergency situations, Islamic Republic of Family Planning Association, 2013
- 15- Reproductive Health Information Bank Training workshop, Deputy Research and Technology Ministry of Health, 1382

- 16- Training workshop on the method of phishing from internet databases and other electronic resources using computers in medical science research, National Medical Science Research Center of the country, 1381
- 17- Comprehensive Quality Management Workshop, Ministry of Health Research and Technology Deputy, 1380
- 18- Analysis Focus Group study workshop, National Reproductive Health Research Center, 1378
- 19- Clinical trial workshop in reproductive health research, Tehran University of Medical
- 20- Data processing and information analysis, and familiarization with SPSS, Tehran University of Medical Sciences, 1377
- 21- Advanced data processing and information analysis workshop, with SPSS software, Tehran University of Medical Sciences, 1377
- 22- Introductory workshop to get familiar with STATA software, Tehran University of Medical Sciences, 1377

B: Short-term training course abroad

- Population and Reproductive Health Research: Feb,11-March 22, 2002, Institute for Population and Social Research Mahidol University, Thailand. 3th Country Group Training Course

The main partner of international projects with WHO

- A multidisciplinary approach to prevent HIV/AIDS in Saravan
- Strategic plan to prevention elective and controlled low risk caesarean section in IRAN

The main partner in national projects with the support of the United Nations Population Fund (UNFPA)

- 1- National study of the causes of non-use of modern methods of contraception in women aged 10-49 with the support of the United Nations Population Fund
- 2- National study of investigate the causes of stopping the use of contraceptive methods in women aged 10-49 with the support of the United Nations Population Fund
- 3- National study of investigate the causes of changes in contraceptive methods in women aged 10-49 with the support of the United Nations Population Fund
- 4- National study of the participation of men with wives aged 10-49 in family planning programs with the support of the United Nations Population Fund

5- National study of the examine of status of providing pre-marital counseling services to married couples in the last one year with the support of the United Nations Population Fund

6- Creation of reproductive health information bank

7- National study to investigate the knowledge, attitude and performance of general practitioners regarding tobacco in cooperation with the World Health Organization

8- National study of prevent AIDS and sexually transmitted diseases in high-risk areas of the country with the support of the United Nations Population Fund

9- Investigating jurisprudential, legal and health dimensions of violence against women with the support of the United Nations Population Fund

10- Rapid evaluation of high-risk behaviors related to HIV in order to expand interventions in two regions of Shiraz and Borujerd.

Computer skills:

- SPSS
- Power point
- Word
- Publication office
- Search skills in the web