

Curriculum Vita

[Homeira Vafaei cisakht](#)

PERSONAL DATA

Address:

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Postcode: 7186618341

Work Address:

OB-GYN Department, High Risk pregnancy unit,

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Date of birth: 03/03/1974

Place of birth: Yasuj, Iran

Marital status: Married and have two children

Husband's Name: Saman Nikeghbalian

Children's Name: Shahdad & Shahan Nikeghbalian

EDUCATIONAL BACKGROUND

1991 Received Diploma in Experimental science from high school, Cisakht, IRAN.

1991 – 1998 Received MD from Shiraz University of Medical sciences, Shiraz, IRAN.

1999-2003 Graduate in Obstetrics & Gynecology Speciality from Shiraz University of Medical Sciences, Shiraz, IRAN.

2005-2007 Research Fellow in Fetal Medicine at King's College Hospital, Fetal Medicine Foundation (FMF) London under Supervision of Professor Kypros Nicolaides

2006 Research Fellow in fetal cardiology and fetal Echocardiography under supervision of Professor Lindsey Allan, King's College Hospital, London

2007-2016 Assistant Professor of OB-Gyn at Shiraz University of Medical Sciences, Shiraz, IRAN.

2016 -2023 Associate Professor of OB-Gyn at Shiraz University of Medical Sciences, Shiraz, IRAN.

2023 till now Professor of OB-Gyn at Shiraz University of Medical Sciences, Shiraz, IRAN.

Honor Roles:

September 2003 First place in the 50th National Iranian Board of Obstetrics & Gynecology

August 2005 Certification of competence in cervical Assessment from Fetal Medicine Foundation (FMF), London, UK

September 2005 Certification of competence in 11-14 weeks ultrasound examination from FMF

January 2006 Certification of competence in 18-23 weeks scan from FMF, London, UK

June 2006 Certification of competence of fetal cardiac

	assessment and fetal echocardiography from FMF
November 2006	Certification of competence in fetal Doppler from FMF, London, UK
November 2006	Certification of competence in placental Doppler From FMF, London, UK
March 2008	Certification of training in minimal access surgery from Louis Pasteur University, Strasbourg, France
September 2012	Certification of formative and collaborative stage with fetal surgery team. Barcelona, Spain.
2012	Superior physician of Medical Council of Shiraz, Fars province
2020	Superior physician on behalf of Medical Council of Iran

Experience

2013-now	Member of Fars legal medicine org
2020-now	Head of high risk pregnancy department of Namazi Hospital, Shiraz, Iran.
2021-now	Chairman of the provincial disciplinary appeal board
2016-now	working as an associate Professor at Shiraz University of Medical Sciences

2017-2021	Member of IRIMC supreme Council (medical council of IRAN).
2012-2021	Committee member legitimate medical diagnosis of Article 20
2013-2021	Chairperson of provincial coordinate council (Medical council)
2012- 2021	Head of the Medical Council of Shiraz.
2012- 2022	Head of Perinatology (Maternal-Fetal Medicine) Division of Shiraz University of Medical Sciences
2013-Now	Member of the Board of Appeal of the province
2013-2021	Deputy Chairman of the Supervisory Commission Article 15 of Medical Council of Iran.
2013-Now	Member of the Specialized Advisory Committee on Education and Research.
2013-2021	Member of the Advisory Committee on Medical Ethics of Medical Council of Iran.
2013-2021	Member of the Working Group on the Evaluation of the Performance of Health Insurance in Fars Province.
2013-2021	Member of the Administrative Council of Fars province.
2013-2021	Member of Commission on Article 11 of Shiraz University of Medical Sciences.

2013-2021	Member of the Strategic Staff of Fars Family Medicine.
2013-2021	Member of the Fars Medical Family Executive Committee.
2012-Now	Member of Staff Committee Vice-treated maternal mortality
2010- 2017	Hafez hospital Vice chancellor for education
2009-Now	Faculty Member of Maternal-Fetal Medicine Research Center
2008-2019	Scientific Director of Operating Room & OB ward in Hafez hospital
2005-2007	Work as a Research Fellow at Harris Birthright Research Centre for Fetal Medicine, King's College Hospital, London
2003-2004	Doing graduate work as a specialist in Obstetrics & Gynecology in a city near Shiraz (Khonj)
1998 – 1999	Working as a General Practitioner in Yasuj
1995- 1998	working in different wards as a trainee
2012-Now	Fetal surgery team
2013	The first Fetal Myelomeningocele Repair in the Middle East with fetal surgery team in Shiraz

University of Medical sciences

- 2013 The first Fetal heart surgery (fetal pulmonary valve Stenos, balloon dilation) in the Middle East with fetal Surgery team at Shiraz University of Medical sciences
- 2019 The first Microwave ablation for selective fetus reduction (cord ablation of acardiac fetus in a monochorionic twin pregnancy (TRAP) in IRAN.
- 2019 The first surgery to coagulate umbilical cord in an abnormal fetus in a monochorionic twin using the bipolar coagulation Method and fetoscopy in shiraz

Publications & Presentation

[Link ISID Homeira Vafaei](#)

[Link Google scholar Homeira Vafaei](#)

[Link Scopus Homeira Vafaei](#)

1. Maryam Kasraeian, Maryam Zarekhafri, **Homeira Vafaei**, Behrouz Gharesi-Fard, Azam Faraji, Nasrin Asadi, Asieh Seraj, Shaghayegh Moradi Alamdarloo, Khadijeh Bazrafshan, Marjan Zare. Comparison of Maternal IgG Antibody from Infected SARS-CoV-2 Mothers to Newborns in the 2nd and 3rd Trimesters: A Cohort Study. Women's Health Bulletin. 2023.
2. Maryam Kasraeian, Maryam Zarekhafri, **Homeira Vafaei**, Behrouz Gharesi-Fard, Azam Faraji, Nasrin Asadi, Asieh Seraj, Shaghayegh Moradi Alamdarloo, Khadijeh Bazrafshan, Marjan Zare. Comparison of Maternal IgG Antibody from Infected SARS-CoV-2 Mothers to Newborns in the 2nd and 3rd Trimesters: A Cohort Study. Women's Health Bulletin. 2023.

3. **Homeira Vafaei**, Saeideh Faraji, Moslem Ahmadi, Seyed Mohammad Bagher Tabei, Solmaz Fereidoni, Zahra Shiravani, Seyedeh Najme Hosseini, Nasrin Asadi, Maryam Kasraeian, Azam Faraji, Omid Abbasi, Behrouz Ghareisi-Fard. Alteration in IFN- γ and CCL2 serum levels at first trimester of pregnancy contribute to development of preeclampsia and fetal growth restriction. *Taiwan J Obstet Gynecol.* 2023 Jan;62(1):71-76.doi: 10.1016/j.tjog.2022.09.005.
4. **Homeira Vafaei**, Shohreh Roozmeh, Ali Bahador, Maryam Zare Khafri, Mozhdde Ghiasi, Prenatal diagnosis of diphallia in association with bladder exstrophy: a case report. *BMC Pregnancy Childbirth.* 2022 May 24;22(1):435.
5. Maryam Kasraeian, Nasrin Asadi, **Homeira Vafaei**, Mahin Tazang, Azam Faraji, Neda Rahimirad, Sedighe Yousofi, Seyedeh Fatemeh Khaleghi, Marjan Zare. Reply to: aspirin for the prevention of preeclampsia. *J Perinat Med.* 2022.
6. Nasrin Asadi, Shohreh Roozmeh, **Homeira Vafaei**, Naeimehossadat Asmarian, Akram Jamshidzadeh, Khadije Bazrafshan, Maryam Kasraeian, Azam Faraji, Zahra Shiravani, Shaghayegh Moradi Alamdarloo, Nazanin Abdi, Fereshte Gharibpour, Sedigheh Izze. Effectiveness of pentoxifylline in severe early-onset fetal growth restriction: A randomized double-blinded clinical trial. *Taiwan J Obstet Gynecol.* 2022 Jul;61(4):612-619. **(corresponding's author)**
7. **Homeira Vafaei**, Samaneh Karimi, Mojgan Akbarzadeh Jahromi, Nasrin Asadi, Maryam Kasraeian. The effect of mother's β -thalassemia minor on placental histology and neonatal outcomes. *J Matern Fetal Neonatal Med .* 2022 May;35(10):1907-1914.
8. Maryam Kasraeian, Nasrin Asadi, **Homeira Vafaei**, Mahin Tazang, Azam Faraji, Neda Rahimirad, Sedighe Yousofi, Seyedeh Fatemeh Khaleghi, Marjan Zare. The effect of 150 and 80 mg doses of aspirin on preventing preterm birth in high-risk pregnant women. *J Perinat Med.* 2022 May 27.
9. Nasrin Asadi, **Homeira Vafaei**, Kamaran Hessami, Mohammad Hasan Darabi, Maryam Kasraeian, Azam Faraji, Azin Alavi, Nazanin Abdi, Atena Gissuei, Shohre Roozmeh, Khadije Bazrafshan, Fereshteh Gharibpour. Vaginal misoprostol and intravenous oxytocin for success of termination in the second

trimester intrauterine fetal demise: A randomized controlled clinical trial. *J Obstet Gynaecol Res.* 2022 Apr;48(4):966-972.

10. Fatemeh Sadat Najib, **Homeira Vafaei**, Amin Abolhasan Foroughi, Niloofar Namazi, Diagnosis pitfall of interstitial pregnancy: a case report of a term pregnancy with abnormal placentation. *BMC Pregnancy Childbirth.* 2021 Oct 18;21(1):699.
11. **Homeira Vafaei**, Zinat Karimi, Mojgan Akbarzadeh-Jahromi, Fatemeh Asadian, Association of placental chorangiomas with pregnancy complication and prenatal outcome: a case-control study. *BMC Pregnancy Childbirth.* 2021 Jan 30;21(1):99.
12. K Nasri, S Hantoushzadeh, O Hugh, M Heidarzadeh, A Habibelahi, M Shariat, F Tara, M Kashanian, M Radmehr, MS Yekaninejad, **VC Homeira**, A Francis, J Gardosi, Customized birthweight standard for an Iranian population, *J Matern Fetal Neonatal Med.* 2021;34(22):3651-3656
13. Azam Faraji, Mojgan Akbarzadeh-Jahromi, Shima Bahrami, Sayeh Gharamani, Hadi Raeisi Shahraki, Maryam Kasraeian, **Homeira Vafaei**, Marjan Zare, Nasrin Asadi, Predictive value of vascular endothelial growth factor and placenta growth factor for placenta accreta spectrum, *J Obstet Gynaecol.* 2021;1-6.
14. **Homeira Vafaei**, Khatoon Rafeei, Maryam Dalili, Nasrin Asadi, Nosaibe Seirfar, Mojgan Akbarzadeh-Jahromi, Prevalence of single umbilical artery, clinical outcomes and its risk factors: A cross-sectional study. *Int J Reprod Biomed.* 2021;19(5):441-448.
15. Kamran Hessami, **Homeira Vafaei**, Nasrin Asadi,, Ali Mohammad Shakibafard,, Maryam Kasraeian,, Neda Rahimirad,, Shaghayegh Moradi Alamdarloo,, Shohreh Roozmeh, Premature restriction of foramen ovale in an anemic fetus from a rhesus-negative mother: A

case report. International Journal of Women's Health and Reproduction Sciences, 2021.

16. Kamran Hessami, Maryam Kasraeian, Álvaro Sepúlveda-Martínez, Mauro Cristian Parra-Cordero, **Homeira Vafaei**, Nasrin Asadi, Marta Benito Vielba, The Novel Ultrasonographic Marker of Uterocervical Angle for Prediction of Spontaneous Preterm Birth in Singleton and Twin Pregnancies: A Systematic Review and Meta-Analysis. Fetal Diagn Ther. 2021;1-7.
17. Nikolaos Syggelos, Areti Augoulea, Eleni Armeni, George Kaparos, **Homeira Vafaei**, Ismene Dontas, Katerina Marinou, George Vaggos, Panagiota Raptou, Irene Lambrinoudaki, Makarios Eleftheriades, Kypros H Nicolaides, Impact of prenatal and postnatal nutritional manipulation on bone quality in adult Wistar rats offspring, Clinical Nutrition Open Science, 2021.
18. Nazanin Abdi, Afsane Rozrokh, Azin Alavi, Shahram Zare, **Homeira Vafaei**, Nasrin Asadi, Maryam Kasraeian, Kamran Hessami, The effect of aspirin on preeclampsia, intrauterine growth restriction and preterm delivery among healthy pregnancies with a history of preeclampsia, J Chin Med Assoc. 2020 Sep;83(9):852-857.
19. **Homeira Vafaei**, Ghazal Kavari, Hamid Reza Izadi, Zahra Zare Dorahi, Mehdi Dianatpour, Afrooz Daneshparvar, Iman Jamhiri, Wi-Fi (2.4 GHz) affects anti-oxidant capacity, DNA repair genes expression and, apoptosis in pregnant mouse placenta, Iran J Basic Med Sci, 2020 Jun;23(6):833-840
20. **Homeira Vafaei**, Samaneh Karimi, Mojgan Akbarzadeh Jahromi, Nasrin Asadi, Maryam Kasraeian. The effect of mother's β -thalassemia minor on placental histology and neonatal outcomes. J Matern Fetal Neonatal Med. 2020 Jun 4;1-8.

21. Jon Hyett, Nasrin Asadi, Maryam Zare Khafri, **Homeira Vafaei**, Maryam Kasraeian, Alireza Salehi, Najmieh Saadati, Khadije Bazrafshan. The use of vaginal progesterone as a maintenance therapy in women with arrested preterm labor: a double-blind placebo-randomized controlled trial. *J Matern Fetal Neonatal Med.* 2020 Mar 26;1-7. (corresponding's author)
22. Kamran Hessami, Tahereh Rahnavard, Ayda Hosseinkhani, Sara Azima, Mehrab Sayadi, Azam Faraji, Massoumeh Emamghoreishi, **Homeira Vafaei**, Leila Foroughinia, Shohreh Roozmeh, Nasrin Asadi. Treatment of women's sexual dysfunction using *Apium graveolens* L. Fruit (celery seed): A Double-blind, Randomized, Placebo-controlled Clinical Trial. *Journal of Ethnopharmacology.* 2020.
23. Azam Faraji, Maryam Aghdaki, Kamran Hessami, Ayda Hosseinkhani, Shohreh Roozmeh, Nasrin Asadi, **Homeira Vafaei**, Maryam Kasraeian, Roya Bagheri, Khadije Bazrafshan, Leila Foroughinia. Episiotomy wound healing by *Commiphora myrrha* (Nees) Engl. and *Boswellia carteri* Birdw. in primiparous women: A randomized controlled trial. *Journal of Ethnopharmacology.* 2020.
24. **Homeira Vafaei**, Shohreh Roozmeh, Kamran Hessami, Maryam Kasraeian, Nasrin Asadi, Azam Faraji, Khadije Bazrafshan, Najmieh Saadati, Soudabeh Kazemi Aski, Elahe Zarean, Mahboobeh Golshahi, Mansoureh Haghiri, Nazanin Abdi, Reza Tabrizi, Bahram Heshmati, Elham Arshadi. Obstetrics Healthcare Providers' Mental Health and Quality of Life During COVID-19 Pandemic: Multicenter Study from Eight Cities in Iran. *Psychology Research and Behavior Management.* 2020; 13(563).
25. **Vafaei H**, Ajdari S, Hessami K, Hosseinkhani A, Foroughinia L, Asadi N, Faraji A, Abolhasanzadeh S, Bazrafshan Kh, Roozmeh Sh.

Efficacy and safety of myrrh in patients with incomplete abortion: a randomized, double-blind, placebo-controlled clinical study. *BMC Complement Med Ther.* 2020 May 12;20(1):145.

26. Mahboobeh Boroomand fard, Maryam Kasraeian, **Homeira Vafaei**, Mojgan Akbarzadeh Jahromi, Payam Arasteh, Hadi Raeisi Shahraki & Peyman Arasteh. Introducing an efficient model for the prediction of placenta accreta spectrum using the MCP regression approach based on sonography indexes: how efficient is sonography in diagnosing accreta? *BMC Pregnancy Childbirth.* 2020 Feb 17;20(1):111.
27. Abdi N, Rozrokh A, Alavi A, Zare Sh, **Vafaei H**, Asadi N, Kasraeian M, Hessami H. *J Chin Med Assoc.* 2020 Sep;83(9):852-857.
28. Augoulea A, Syggelos N, Armeni E, Kaparos G, **Vafaei H**, Dontas I, Marinou K, Vaggos G, Raptou P, Lambrinou I, Eleftheriades M, H Nicolaides K. Bone quality is associated with perinatal nutritional manipulation in adult Wistar rats offspring. 2020. 22nd European Congress of Endocrinology.
29. Hessami K, Homayoon N, Hashemi A, **Vafaei H**, Kasraeian M, Asadi N. COVID-19 and maternal, fetal and neonatal mortality: a systematic review. *J Matern Fetal Neonatal Med.* 2020 Aug 16;1-6.
30. Koohi O, Behnam M A, Khoradmehr A, Emami F, Sobhani Z, Dehghanian AR, Dehghani Firoozabadi A, Rahmanifar F, **Vafaei H**, Tamadon A, Tanideh N, Tamadon A. Benign prostatic hyperplasia treatment using plasmonic nanoparticles irradiated by laser in a rat model. *Biomed Pharmacother.* 2020;127:110118.
31. Kasraeian M, Hessami K, **Vafaei H**, Asadi N, Foroughinia L, Roozmeh Sh, Bazrfashan Kh. Patients' self-reported factors influencing cervical cancer screening uptake among HIV-positive

women in low-and middle-income countries: An integrative review. *Gynecol Oncol Rep.* 2020 ;33:100596.

32. Kasraeian M, Zare M, **Vafaei H**, Asadi N, Faraji A, Bazrafshan Kh, Roozmeh Sh. COVID-19 pneumonia and pregnancy; a systematic review and meta-analysis. *J Matern Fetal Neonatal Med.* 2020 May 19;1-8.
33. Bahador A, Nikeghbalain S, Foroughi M, Beizavi Z, Sahmodini MA, Eghbal MH, Vafaei H, Malekhosseini SA, Bahador M. Successful Surgical Separation of Thoraco-Omphalopagus Symmetrical Conjoined Twins in Iran: Two Case Reports. *Iran J Med Sci.* 2020 Mar;45(2):143-147.
34. Foroughinia S , Hessami K , Asadi N, Foroughinia L, Hadianfard M , Hajhosseini A, Pirasteh N , Vossoughi M, **Vafaei H**, Faraji A , Kasraeian M , Doroudchi M , Rafiee Monjezi M, Roozmeh Sh, Bazrafshan Kh. Effect of Acupuncture on Pregnancy-Related Insomnia and Melatonin: A Single-Blinded, Randomized, Placebo-Controlled Trial. *Nat Sci Sleep.* 2020 May 13;12:271-278.
35. Hessami K, Kasraeian M, Asadi N, **Vafaei H**, Foroughinia L. Association of Maternal and Umbilical Cord Blood Lipid Parameters with Uterine and Fetal-Placental Blood Flow in Hypertensive and Normotensive Pregnancies. *Int J Womens Health.* 2020 Feb 28;12:115-125.
36. Asadi N, **Vafaei H**, Kasraeian M, Yoosefi S, Faraji A, Abbasi L. Effects of prophylactic iron supplementation on outcome of nonanemic pregnant women: A non-randomized clinical trial. *J Chin Med Assoc.* 2019;82(11):840-844.
37. Pouransari R, Kordi Tamandani D, Tabei SMB, Kasraeian M, **Vafaei-Cisakht H**, Pouransari P. Evaluation of microRNA (411, 377, and 154)

Expression in the Plasma and Placenta of Women with Preeclampsia. Gene Cell Tissue. 2019; 6 (2): 1-6.

38. **Vafaei H**, Asadi N, Kasraeian M, Shahraki HR, Bazrafshan K, Namazi N. Positive effect of low dose vitamin D supplementation on growth of fetal bones: A randomized prospective study. Bone. 2019;122:136-142.
39. Sefidbakht S, Zeinali-Rafsanjani B, Safari M, Zarei F, Bijan B, Jalli R, Kasraeian M, **Vafaei-Cisakht H**, Asadi N. Correlating Placental ADC Values with Gestational Age and Grannum Class in Normal Placentas. Iranian Journal of Radiology. 2019; 16(1).
40. Kasraeian M, Asadi N, **Vafaei H**, Zamanpour T, Shahraki HR, Bazrafshan K. Evaluation of serum biomarkers for detection of preeclampsia severity in pregnant women. Pak J Med Sci. 2018;34(4):869-873.
41. Pour ZS, Hosseinkhani A, Asadi N, Shahraki HR, **Vafaei H**, Kasraeian M, Bazrafshan K, Faraji A. Double-blind randomized placebo-controlled trial on efficacy and safety of Lactuca sativa L. seeds on pregnancy-related insomnia. J Ethnopharmacol. 2018;227:176-180.
42. **Vafaei H**, Rahimirad N, Hosseini SM, Kasraeian M, Asadi N, Raeisi Shahraki H, Bazrafshan K. Triage by cervical length sonographic measurements for targeted therapy in threatened preterm labor: A double blind randomized clinical trial. Int J Reprod Biomed (Yazd). 2017 Nov;15(11):697-702.
43. Ghasemi, S; Nazari, M; **Vafaei, H**; Fararouei, M. The Impact of Educational Intervention Based on the Theory of Planned Behavior in Choosing Delivery Mode in Primigravida Pregnant Women. Ijwhr. 2017 Jan 3(3): 47-54.
44. Asadi N, Khalili A, Zarei Z, Azimi A, Kasraeian M, Foroughinia L, Salehi A, Ravanbod H.R, Davoodi S, **Vafaei H**, Perinatal outcome in

pregnancy with polyhydramnios in comparison with normal pregnancy in department of obstetrics at Shiraz University of Medical Sciences. *J Matern Fetal Neonatal Med.* 2017 May 22:1-7.

45. Kasraeian M, Shahraki HR, Asadi N, **Vafaei H**, Sameni S. Cross-sectional study of fetal long-bone length in an Iranian population at 17-25 weeks of gestation. *Int J Gynaecol Obstet.* 2017 Apr;137(1):20-25.
46. Sefidbakht S, Dehghani S, Safari M, **Vafaei H**, Kasraeian M. Fetal Central Nervous System Anomalies Detected by Magnetic Resonance Imaging: A Two-Year Experience. *Iran J Pediatr.* 2016 Jun 6;26(4):e4589.
47. Eleftheriades M1, **Vafaei H**, Dontas I, Vaggos G, Marinou K, Pervanidou P, Sebire NJ, Chrousos GP, Nicolaides KH. Assessment of body composition in Wistar rat offspring by DXA in relation to prenatal and postnatal nutritional manipulation. *Pediatr Res.* 2016 Aug;80(2):319-25.
48. Kiani rad S, Forouhari S, Samsami Dehaghani A, **Vafaei H**, sayadi M, Asadi M. The effect of salvia officinalis tablet on hot flashes, night sweating, and estradiol hormone in postmenopausal women. *Jmrhs.* 2016, 5(8):257-263.
49. **Vafaei H**, Zamanpour T, Raeisi Shahraki H. Preterm Birth Prevention: Effects of Vaginal Progesterone Administration on Blood Flow Impedance in Uterine-Fetal Circulation by Doppler Sonography. *Glob J Health Sci.* 2015 Nov 18;8(7):172-8.
50. Nikeghbalian S, **Vafaei H**, Moradian F, Kazemi K, Tanideh N, Shayan L, Nikeghbalian Z. Administration of Intravenous Infliximab for Prevention of Peritoneal Adhesions Formation in Rats. *Bull Emerg Trauma.* 2015 Jul;3(3):97-103.

51. Asadi N, Maharlouei N, Khalili A, Darabi Y, Davoodi S, Raeisi Shahraki H, Hadianfard M, Jokar A, **Vafaei H**, Kasraeian M. Effects of LI-4 and SP-6 Acupuncture on Labor Pain, Cortisol Level and Duration of Labor. *J Acupunct Meridian Stud*. 2015 Oct;8(5):249-54.
52. **Vafaei H**, Asadi N, Foroughinia L, Salehi A, Kuhnavard S, Akbarzadeh M, Ravanbod HR, Mohamadalian F, Kasraeian M. Comparison of Abnormal Cervical Cytology from HIV Positive Women, Female Sex Workers and General Population. *Int J Community Based Nurs Midwifery*. 2015 Apr;3(2):76-83.
53. **Vafaei H**, Dalili M, Hashemi SA, Serum concentration of calcium, magnesium and zinc in normotensive versus preeclampsia pregnant women: A descriptive study in women of Kerman province of Iran. *Iran J Reprod Med*. 2015 Jan;13(1):23-6.
54. Alborzi S, Asefjah H, Amini M, **Vafaei H**, Madadi G, Chubak N, Tavana Z. Laparoscopic metroplasty in bicornuate and didelphic uteri: feasibility and outcome. *Arch Gynecol Obstet*. 2014 Nov 6.
55. Eleftheriades M, Pervanidou P, **Vafaei H**, Vaggos G, Dontas I, Skenderi K, Sebire NJ, Nicolaides K. Metabolic profiles of adult Wistar rats in relation to prenatal and postnatal nutritional manipulation: the role of birthweight. *Hormones (Athens)*. 2014 Apr-Jun;13(2):268-79.
56. Jamal A, Abbasalizadeh A, **Vafaei H**, Marsoosi V, Eslamian L, Multicenter screening for adverse pregnancy outcomes by uterine artery Doppler in the second and third trimester of pregnancy. *Med Ultrason* 2013, Vol. 15, no. 2, 95-100.
57. **Vafaei H**, Samsami A, Zolghadri J, Hosseini-Nohadani A, Correlation of first-trimester fetal crown-rump length with outcome of pregnancy

and birth weight. *International Journal of Gynecology and Obstetrics* 119 (2012) 141–144.

58. Hosseini S.M , Vafaei F, **Vafaei H**. Management of threatened preterm labor based on sonographic measurement of the cervical length. *International Journal of Gynecology & Obstetrics* 119(2012), S510.
59. **Vafaei H**, Khorrami F, Heidari S, Comparison of transvaginal (TVS) and transperineal sonography (TPS) in measurement of cervical length and predicting preterm delivery. *Ultrasound in Obstetrics & Gynecology* 40 (2012) (S1), 305-305.
60. Aghanoori M, **Vafaei H**, Kavoshi H, Mohamadi S, Goodarzi HM, Sex determination using free fetal DNA at early gestational ages: a comparison between a modified mini-STR genotyping method and real-time PCR. *American journal of obstetrics and gynecology* 207 (2012)(3), 202. e1-202. e8.
61. **Vafaei H**, Second trimester anomaly scan. *Iranin journal of reproductive medicine. (IJRM)* (2011).
62. **Vafaei H**, Hosseini A, Zolghadri Z, Samsami A, OP38. 01: Correlation of first trimester fetal crown–rump length and outcome of pregnancy and birth weight. *Ultrasound in Obstetrics & Gynecology* 36(2010) (S1), 161-161.
63. A Jamal, F Abbasalizadeh, **H Vafaei**, OP11. 01: The role of uterine artery Doppler velocimetry in predicting adverse pregnancy outcome. *Ultrasound in Obstetrics & Gynecology*(2009) 34 (S1), 95-95
64. Parsanezhad ME, **Vafaei H**, Lahsae M, Alborzi S, Schmidt EH. A comparative, Double blind, Randomized, placebo- controlled trial of intraperitoneal administration of bupivacaine and lidocaine for pain

control after diagnostic laparoscopy. Med J Islamic Rep Iran,2003,17(2): 1016

65. Dehbashi S, Vafaei H et al. The effect of time of administration of clomiphene citrate on follicular growth, endometrial thickness, and pregnancy rate in PCOS (Thesis for OB- Gyn speciality), International Journal of Gynecology and Obstetrics, 2006; 93:44-48.

Speaker of scientific programs (Some of presentations)

1. Speaker of “management of FGR” in the 17th international Congress of Obstetrics & Gynecology. Tehran. December 2022.
2. Speaker of “Selective fetal reduction in complicated monochorionic pregnancies using ultrasound guided microwave ablation (The first experience in Iran)” in the 17th international Congress of Obstetrics & Gynecology. Tehran. December 2022.
3. Speaker of “Screening in pregnancy” in the Conference of Pregnancy emergencies. Shiraz. October 2022.
4. Speaker of “Bleeding in the first and second trimesters of pregnancy” in the international Congress of national association of Iranian Gynecologist and obstetrician (NAIGO). Tehran. May 2022.
5. Speaker of “Introduction of screening, biochemical tests of the first and second trimesters” in the Webinar of Perinatology. April. 2022.
6. Speaker of “Delivery statistics in developed countries and Iran” in the Webinar of Physiological delivery. December 2021.
7. Speaker of “Prenatal screening and diagnosis” in the Webinar of Morbidly adherent placenta. December 2021.
8. Speaker of “Morbidly adherent placenta (MAP) Prediction and prevention” in the 16th Congress of Obstetrics & Gynecology Iran. Tehran. October 2021.

9. Speaker of “Feto Maternal Medicine” in the NAIGO international Congress of Obstetrics & Gynecology, Tehran. October 2021.
10. Speaker of “Twin pregnancy” in the NAIGO international Congress of Obstetrics & Gynecology, Tehran. September 2021.
11. Speaker of “Antenatal Asphyxia” in the Webinar screening, prediction and prevention of pregnancy complications. June 2021.
12. Speaker of “Prediction and prevention of PPH” in the conference of Perinatology. Shiraz. February 2021.
13. Speaker of “Skin medications in pregnant women” in the conference of Pregnancy from the point of view of dermatology. Shiraz. December 2020.
14. Speaker of “Intrauterine growth restriction in twin pregnancy” in the conference of intrauterine growth restriction. Shiraz. November 2020.
15. Speaker of “Guide to getting out of quarantine and reporting the status of pregnant mothers in the country” in the conference of Screening of covid-19 disease and outpatient care of pregnant mothers. Shiraz. August 2020.
16. Speaker of “Pregnancy ultrasound and Doppler on the patient” in the conference of Doppler sonography. Ahvaz. February 2020.
17. Speaker of “Cervical length measurement and indication” in the conference of Perinatology. Shiraz. February 2020.
18. Speaker of “Physiopathology of pregnancy disorders” in the conference of Drug treatment of disorders during pregnancy, menstruation and menopause - especially for pharmacists. Shiraz. January 2020.
19. Speaker of “Pregnancy disorders and drug treatment” in the conference of Drug treatment of disorders during pregnancy, menstruation and menopause - especially for pharmacists. Shiraz. January 2020.

20. Speaker of “The importance of fetal Interventions in the World and Iran” 1st international congress of Perinatology and 7th national congress of perinatology & Neonatology. Shiraz. April 2019.
21. Speaker of “Strategies to reduce maternal and neonatal mortality” 1st international congress of Perinatology and 7th national congress of perinatology & Neonatology. Shiraz. April 2019.
22. Speaker of “sonography workshop” 1st international congress of Perinatology and 7th national congress of perinatology & Neonatology. Shiraz. April 2019.
23. Speaker of “Down syndrome screening program” in the conference of Down syndrome. Shiraz. January 2019.
24. Speaker of “An interdisciplinary approach in painless delivery” in the conference of pain less delivery. Shiraz. July 2019.
25. Speaker of “NIPT & Amniocentesis” in the conference of Perinatology. Shiraz. January 2019.
26. Speaker of “Non-stress Test” in the conference of fetal heart monitoring. Shiraz. January 2019.
27. Speaker of “Fetal medicine” in the Congress of Women and Midwifery. Tehran. October 2018.
28. Speaker of “Fetal monitoring” in the conference of Safe delivery. Shiraz. August 2018.
29. Speaker of “Fetal monitoring & bleeding & shock” in the conference of Gynecological and midwifery emergencies. Shiraz. July 2018.
30. Speaker of “Prevention and management of all types of neonate injuries during and after birth” in the 42nd Annual Scientific Congress of the Society of Iranian Surgeons. Tehran. May 2018.
31. Speaker of “legal and tax laws” in the conference of Medicolegal. Shiraz, May 2018.

32. Speaker of “The importance of promoting normal vaginal delivery” in the conference of normal vaginal delivery. Shiraz, March 2018.
33. Speaker of “Polyhydramnios” in the conference of Disorders during pregnancy. Shiraz, February 2018.
34. Speaker of “Second trimester sonography” in the conference of Sonography. Shiraz, January 2018.
35. Speaker of “Procedure in MCDA & MAMC twin pregnancy” in the conference of twin pregnancy, Ahvaz, February 2018.
36. Speaker of “Prediction of premature delivery and PROM” in the International Congress of debatable topics on Obstetrics & Gynecology and Infertility, Tehran, February 2018.
37. Speaker of “Guideline of Intra uterine growth restriction” in the conference of prenatal diagnosis of congenital anomalies. Shiraz. February 2017.
38. Speaker of “Second trimester sonography” in the Ultrasound of Gynecology and obstetrics (level 1). Shiraz, January 2017.
39. Speaker of “Sonography NT & anomaly” in the Short course of gynecology and obstetrics ultrasound. Shiraz. January 2017.
40. Speaker of “Preterm birth delivery” 29th International Congress of Pediatrics. Tehran. 26-29 October 2017.
41. Speaker of “Cervical assessment and prediction of preterm delivery & Combined screening” in the conference of sonography. July 2017. Shiraz.
42. Speaker of “Hydrops” in the conference of Obstetrics & gynecology & infertility. February 2017. Shiraz.
43. Speaker of “Intrauterine fetal growth restriction” in the conference of Disorders and diseases of women. January 2017. Shiraz.

44. Speaker of “Screening tests in the first trimester of pregnancy” in the conference of Pregnancy screening tests. November 2017. Shiraz.
45. Speaker of “New methods of fetal surgery” in the 6th Asian Congress of Endometriosis and 6th International Congress of Minimally Invasive Surgery. November 2017. Shiraz.
46. Speaker of “Risk factors of postpartum hemorrhage” in the conference of postpartum hemorrhage. April 2016. Shiraz.
47. Speaker of “Preeclampsia management” in the International Congress of debatable topics on Obstetrics & Gynecology and Infertility, Tehran, 2016.
48. Speaker of “prevention of preeclampsia” in the 15th Congress of Women and Midwifery of Iran. Tehran. October 2015.
49. Speaker of “Screening & sonography” in the Congress of Perinatology and Neonatology, December 2015. Yazd.
50. Speaker of “NST and OCT interpretation” of normal & abnormal pattern abnormal OCT, Shiraz, February, 2015.
51. Speaker of “The role of cerclage in the treatment of recurrent miscarriage” of the Iran International Reproductive Medicine Congress, Yazd, April 17, 2015.
52. Speaker of “Minimally invasive Techniques for Prenatal” of The 1st International Congress of Minimally Invasive Gynecology & Obstetrics, Tehran, January 2015.
53. Speaker of “Uterine inertia” of conservative management conference. Shiraz, October 2014. Tehran, September 2014.
54. Speaker of “Thromboemboli” of National Congress of strategies for improving health and reducing maternal mortality.
55. Speaker of “Second-trimester sonographic evaluation of growth” of sonographic OB. Shiraz, October 2014.

56. Speaker of “cervical incompetence” of Fetal Loss & Still Birth conference. Shiraz, August, 2014.
57. Speaker of “Congenital rubella” of conference infected adults, Shiraz, September 2014.
58. Speaker of “PLP” of complications in pregnancy, Tehran, October 2014.
59. Speaker of “Modified biophysical profile” of Fourteenth International Congress of Obstetricians and Gynecologists. Tehran, October 2014.
60. Speaker of “Perinatology” of Congress of Fertility and Infertility. Esfahan, June 2014.
61. Speaker of “Promotion of physiologic delivery, a strategy to reduce the incidence of cesarean” of Family Health Seminar in Iran. Shiraz, May 2014.
62. Speaker of “Evaluation of malpractice cases referred to the Medical Council.” at 4th National Conference on Medicine and the judiciary. Shiraz, October 2013.
63. Speaker of ”Effects of maternal weight on pregnancy health” at Congress women's health. Urmia, September 2013.
64. Speaker of “Preconception care, prenatal care, pregnancy and delivery emergencies.” of Conference on family health monitoring, Shiraz, December 2013.
65. Speaker of “Addiction in pregnancy” of Conference on family health monitoring, Shiraz, December 2013.
66. Speaker of “The roles of hormones in delivery.” At Scientific Conference of physiological labor. Tehran, November 2013.
67. Speaker of “Prenatal care and postpartum Iran” The second Iranian international conference on Women’s Health, Shiraz, May 2013.
68. Speaker of “Neurological disease in pregnancy, hydrops. IUFD” Medical disorders in pregnancy” Shiraz, November 2012.
69. Speaker at Thirty-Sixth Annual Scientific Congress of the Iranian Association of Surgeons. Tehran, May, 2013.

70. Speaker of “Vaginal bleeding , fever in pregnancy and thrombosis at One-day Conference on Emergency Medicine in reducing maternal mortality (1), shiraz, april, 2012.
71. Speaker and Training Providers of “First trimester screening methods, interpretation and practical method of ultrasound training.” at Workshop on the theory and practice of ultrasound. Shiraz, March 2012.
72. Speaker of “Various protocols are used in the diagnosis of common diseases before birth” at National Conference on Allied Health. Yasooj, May, 2012.
73. Speaker of “Subclinical hyperthyroidism, Diagnosis of PROM, Treatment of preterm” at Medical disease during pregnancy. Shiraz, November, 2012.
74. Speaker and Training Providers of “Evaluation of the musculoskeletal system and fetal development.” at Workshop Ultrasound diagnosis of fetal anomalies in the second quarter. Shiraz, July, 2011.
75. Speaker of “Ultrasound screening and assessment of fetal heart during the second trimester of pregnancy” at Seminar on Ultrasound in Obstetrics and Gynecology. Esfahan, June, 2011.
76. Speaker and Training Providers of “Screening for chromosomal abnormalities: biochemical experiments” In Workshop Approach to recurrent abortion first trimester screening, Shiraz, March, 2011.
77. Speaker of “Management of postpartum hemorrhage, Screening of chromosomal abnormalities in 2nd trimester” In Maternal Fetal Medicine Symposium, Shiraz, December 2010.
78. Speaker of “Familiarity with methods of pain relief in labor and associated physiological role” at Scientific Conference of physiological labor. Shiraz, December 2010.
79. Speaker of “ Screening for chromosomal abnormalities” at First Iranian annual OB-GYN ultrasound congress, Tehran , July 2006
80. Speaker of “Fetal Echocardiography” at first Iranian annual OB-GYN ultrasound congress, Tehran, July 2006.

81. Speaker of “Down syndrome screening” In: Iranian Society of Surgeon. Tehran May 2007.
82. Speaker of “Screening in pregnancy” In: CME in Radiology. Shiraz March 2007.
83. Speaker of “Fetal diagnosis and treatment” In: Perinatology congress. Tehran July 2007.
84. Spoke of “ Thrombophilia in pregnancy” In: 7th International Ob-Gyn congress. Tehran Oct 2007.
85. Speaker of “Assessment of fetal asphyxia” In: CME in perinatology. Tehran Nov 2008.
86. Author of two chapters of “scientific Perinatology Society book” July 2007, Revised 2009.
87. Translation of “11-14 weeks sonography of fetus” book written by Professor K. Nicolaides., Available online (www.fetalmedicine.com)
88. Translation of “11-14 weeks sonography of fetus” course written by Professor K. Nicolaides., Available online (www.fetalmedicine.com)
89. Translation of “18-23 weeks scan” written by Professor K. Nicolaides.
- 90.
91. Guest speaker at ‘Ian Donald advanced course in sonography: OB-GYN-Infertility. Yazd April 2008.
92. Speaker at 2nd international medical conference. Najaf-Ashraf, 20-22 Feb 2012.
93. Speaker of “Thrombophilia in pregnancy” at Iranian Society of Surgeon. Tehran May 2008.
94. Speaker of “ Fetal growth restriction” at CME OB-GYN , Shiraz Jan 2010.
95. Speaker of “Application of Doppler in OB” at CME OB-GYN, Shiraz Jan 2010.

96. Speaker of “ Who need screening in first trimester?” at The 16th Iranian and first international Infertility society congress , Shiraz March 2010.
97. Translation of "11-14 weeks scan course" to Farsi Online course at [www. Fetalmedicine.com](http://www.Fetalmedicine.com).
98. Translation of "cervical assessment course" to Farsi ; Online course at www.fetalmedicine.com.
99. Translation of "antenatal assessment course" to Farsi; Online course at www.fwtalmedicine.com.
100. Oral presentation of ”Prenatal balloon angioplasty of pulmonary valve in a fetus with critical pulmonary stenosis and hypoplastic right ventricle "of Fourteenth International Congress of Obstetricians and Gynecologists. Tehran, October 2014.
101. Oral poster presentation of " Idiopathic Polyhydramnios and outcome of pregnancy "of Fourteenth International Congress of Obstetricians and Gynecologists. Tehran, October 2014.
102. Oral poster presentation of " Comparison of Liquid Based Pap Smears in HIV Positive Women and Female Sex Workers "of Fourteenth International Congress of Obstetricians and Gynecologists. Tehran, October 2014.
103. Oral poster presentation of " Serum concentration of calcium, magnesium and zinc in normotensive versus preeclampsia pregnant women: A descriptive study in women of Kerman province of Iran "of Fourteenth International Congress of Obstetricians and Gynecologists. Tehran, October 2014.
104. Oral presentation "Management of threatened preterm labor base on sonographic measurements of the cervical length. In 19th world

congress on controversies in Obstetrics, Gynecology & Infertility (COGI) Macau, February 20-23, 2014.

105. Oral presentation "Laparoscopic metroplasty in bicornuate and didelphic uteri: feasibility and outcome. In 19th world congress on controversies in Obstetrics, Gynecology & Infertility (COGI) Macau, February 20-23, 2014.
106. Oral presentation "Medical malpractice cases referred to the Medical Council. 4th National Conference on Medicine and the judiciary. Shiraz, October 30-31, 2013.
107. Oral presentation " Comparison of Transvaginal and Transperineal Sonography in Measurement of Cervical Length in Predicting Preterm Delivery, 5th National Congress Perinatology, Shiraz, April 22-25, 2013.
108. Oral Poster Presentation "Correlation of first trimester CRL and outcome of pregnancy and birth weight" In 20th International Ultrasound in Obstetrics and Gynecology , Oct 2010, Prague, Czech Republic

HOBBIES AND INTERESTS

Playing badminton, reading novel, listening to music and watching movies are my hobbies. I have always been interested in treating women, Charity work, covering the needy student, member of charity groups, help for Cisakhat earthquake, help for Kermanshah earthquake, help to the flood of Lorestan and Sistan Baluchistan and I sometimes do not charge any patient if they are not rich enough.

LANGUAGE SKILLS

Fluent in Farsi and English