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Address: Alzahra Hospital, South Artesh Ave., Tabriz, Iran. Phone: +98 411 116248

Date of birth: June 1961**Place of birth: Tabriz-Iran****Marital status: married****Child: two****Education:**

Certificate of Medicine from Tabriz University, Tabriz, Iran. 1987.

Specialist Degree of Obstetrics & Gynecology from Tabriz University, Tabriz, Iran. 1991 with the first rank of national Board exam.

Fellowship of Infertility and IVF from Tehran University of **Medical Sciences. Iran.1996**

post doctoral course on IVF and laparoscopy from Holstein University, Campus Kiel, Germany.1997

Honors/Achievements: • The first rank of national board exam 1991

Work and Professional Experience:

Assistant Professor of Obs & Gyn intabriz University, Tabriz, Iran (1990-2008).

Associate Professor of Obs & Gyn intabriz University, Tabriz, Iran(2008-2018)

Professor of Obs & Gyn intabriz University, Tabriz, Iran(2018 –present)

Educational Assistant of Obs & Gyn Department, Tabriz University, Tabriz, Iran (1998-2000).

Educational Assistant of Obs & Gyn Department, Tabriz University, Tabriz, Iran(2004-2006).

Head of Obstetrics and Gynecology department, Tabriz, Iran (2006-2010)

Teaching Experiences:

General Obs & Gyn for medical students and midwives since 1991.

Clinical Obs & Gyn for residents since 1991

Reproductive endocrinology for fellowships since 2010

Professional Membership:

Member of Iranian society of reproduction since 2004.

Member of Iranian Association of Obs & Gyn from 1998.

Membership of breastfeeding committee from 1993.

Selected Publication:

- 1. Yousefi S, Soleimanirad J, Hamdi K, Farzadi L, **Ghasemzadeh A**, Kazemi M, et al. Distinct effect of fetal bovine serum versus follicular fluid on multipotentiality of human granulosa cells in in vitro condition. *Biologicals*. 2018;52:44-8.
- 2 **ghasemzad alieh**- farzadi laya - Quality of life and its correlatives among a group of infertile Iranian women medical science monitor,2007;13(7);cr313-317
- 3. Jalilvand F, **Gasemzadeh A**, Hamdi K, Navali N, Pia H, Farzadi L. Efficacy of uteral injection of G-CSF in repeated implantation failure: A clinical trial study. *Majallah-i pizishki-i Danishgah-i Ulum-i Pizishki va Khadamat-i Bihdashti-i Darmani-i Tabriz*. 2018;40(1):16-21.
- 4. Hamdi K, Farzadi L, **Ghasemzadeh A**, Navali N, Atashkhoei S, Pia H, et al. Comparison of Medroxyprogesterone Acetate With Cetrotide for Prevention of Premature Luteinizing Hormone Surges in Women Undergoing In Vitro Fertilization. *INTERNATIONAL JOURNAL OF WOMENS HEALTH AND REPRODUCTION SCIENCES*. 2018;6(2):187-91.
- 5. Ghaebi M, Nouri M, **Ghasemzadeh A**, Farzadi L, Jadidi-Niaragh F, Ahmadi M, et al. Immune regulatory network in successful pregnancy and reproductive failures. *Biomedicine & Pharmacotherapy*. 2017;88:61-73.

- 6. Ahmadi M, Nouri M, Babaloo Z, Farzadi L, **Ghasemzadeh A**, Hamdi K, et al. Intravenous immunoglobulin (IVIG) treatment modulates peripheral blood Th17 and regulatory T cells in recurrent miscarriage patients: Non randomized, open-label clinical trial. *Immunology letters*. 2017;192:12-9.
- 7. Ahmadi M, Abdolmohammadi-Vahid S, Ghaebi M, Aghebati-Maleki L, Dolati S, Farzadi L, **alieh ghasemzadeh**, et al. Regulatory T cells improve pregnancy rate in RIF patients after additional IVIG treatment. *Systems biology in reproductive medicine*. 2017;63(6):350-9.
- 8. Ouladsahebmadarek E, Giasi GS, Khaki A, Ahmadi Y, Farzadi L, **Ghasemzadeh A**, et al. The effect of compound herbal remedy used in male infertility on spermatogenesis and pregnancy rate. *Int J Womens Health Reprod Sci*. 2016;4(4):185-8.
- 9. Navali N, **Gassemzadeh A**, Farzadi L, Abdollahi S, Nouri M, Hamdi K, et al. Intrauterine administration of hCG immediately after oocyte retrieval and the outcome of ICSI: a randomized controlled trial. *Human Reproduction*. 2016;31(11):2520-6.
- 10. Hosseini RS, Farzadi L, Abdollahi S, Nouri M, **Ghasemzadeh A**, Hamdi K, et al. Effect of Intrauterine Injection of Human Chorionic Gonadotropin Before Frozen-Thawed Embryo Transfer on Implantation and Clinical Pregnancy Rate: A Randomized Controlled Trial. *International Journal Of Womens Health And Reproduction Sciences*. 2016;4(4):189-93.
- 11. Farzadi L, **Ghasemzadeh A**, Bahrami-asl Z, Shirdel H. Predictors of irrational parenthood cognitions in an Iranian group of infertile women. *PloS one*. 2015;10(3):e0070239.
- 12. Rashidi M-RR, Eisa-Khaje J, Farzadi L, Darabi M, **Gasemzadeh A**, Shahnazi V, et al. Paraoxonase 3 activity and the ratio of antioxidant to peroxidation in the follicular fluid of infertile women. *International journal of fertility & sterility*. 2014;8(1):51.
- 13. Hamdi K, Danaii S, **Ghasemzadeh A**, Farzadi L, Abdollahi S, Nouri M. The role of heparin on embryo implantation rate in recurrent implantation failure cases without history of thrombophilia. *Iranian Journal of Reproductive Medicine*. 2014;12(6):6.
- 14. Farzadi L, **Ghasemzadeh A**, Asl ZB, Mahini M, Shirdel H. Intimate partner violence against infertile women. *Journal of Clinical Research & Governance*. 2014;3(2):147-51.
- 15. Farzadi L, Asl BZ, Fakour A, **Ghasemzadeh A**, Fard AS, Hamdi K, et al. The effect of endometrial local injury and agonist GnRH for the pregnancy rate in patient with recurrent implantation failure. *Iranian Journal of Reproductive Medicine*. 2014;12(6):67.
- 16. Zonouzi AP, Chaparzadeh N, Ghorbian S, Sadaghiani MM, Farzadi L, **Ghasemzadeh A**, et al. The association between thrombophilic gene mutations and recurrent pregnancy loss. *Journal of assisted reproduction and genetics*. 2013;30(10):1353-9.
- 17. Khajeh JI, Rashidi MR, Farzadi L, **Gasemzadeh A**, Shahnazi V, Faridi A, et al. Paraoxonase-3 Enzyme and the Ratio of Antioxidant/oxidant within the Follicular Fluid of Infertile and Fertile Women. *Medical Journal of Tabriz University of Medical Sciences and Health Services*. 2013;35(1):46-51.
- 18. **Ghasemzadeh A**, Farzadi L, Khaki A, Ahmadi SK. Effect of Allium cepa seeds ethanolic extract on experimental polycystic ovary syndrome (PCOS) apoptosis induced by estradiol-valerate. *Life Sci J*. 2013;10(4s):170-5.
- 19. Farzadi L, **Ghasemzadeh A**, Nouri M, Farzaneh F, Bahrami Z. Antimüllerian hormone levels through the cycles of assisted reproductive techniques: a correlational study. *Journal of Clinical Research & Governance*. 2013;2(1):14-6.
- 20. Poursadegh Zonouzi A, Chaparzadeh N, Asghari Estiar M, Mehrzad Sadaghiani M, Farzadi L, **Ghasemzadeh A**, et al. Methylenetetrahydrofolate reductase C677T and A1298C mutations in women with recurrent spontaneous abortions in the Northwest of Iran. *ISRN obstetrics and gynecology*. 2012;2012.

- 21. **Ghassemzadeh A**, Farzadi L, Beyhaghi E. Premature ovarian failure risk factors in an Iranian population. International journal of general medicine. 2012;5:335.
- 22. **Ghassemzadeh A**, Khaki A, Farzadi L, Khaki A, Marjani M, Ashteani HA, et al. Effect of rosmarinic acid on estrogen, FSH and LH in female diabetic rats. African Journal of Pharmacy and Pharmacology. 2011;5(11):1427-31.
- 23. MOHAMMADZADEH R, FARZADI L, GHATREH SF, **GHADEMZADEH A**, ALIZADEH A. ASSESSMENT OF UTERINE ARTERIES HEMODYNAMIC INDEXES CHANGES IN WOMEN WITH UNEXPLAINED INFERTILITY. JOURNAL OF BABOL UNIVERSITY OF MEDICAL SCIENCES (JBUMS). 2010;11(5):52-8.
- 24. Farzadi L, Arash K, **Alieh Ghassemzadeh**. P794 Androgenic activity of Allium cepa on spermatogenesis and serum testosterone in rat. International Journal of Gynecology & Obstetrics. 2009;107(S2).
- 25. Nouri M, **Ghassemzadeh A**, Farzadi L, Shahnazi V, Ghaffari Novin M. Vitamins C, E and lipid peroxidation levels in sperm and seminal plasma of asthenoteratozoospermic and normozoospermic men. International Journal of Reproductive BioMedicine. 2008;6(2):1-0.
- 26. NOURI M, **GHADEMZADEH A**, Farzadi L, SHAHNAZI V. Diagnostic value of non-enzymatic antioxidant capacity and rate of lipid peroxidation in plasma semen and spermatozoa of asthenozoospermic infertile males. MEDICAL JOURNAL OF TABRIZ UNIVERSITY OF MEDICAL SCIENCES. 2008;29(4):91-5.
- 27. NOURI M, FARZADI L, **GHADEMZADEH A**, SHAHNAZI V. THE EFFECT OF ANTIOXIDANT COMPLEMENTARY ON THE QUALITY OF SEMEN IN ASTENOZOOSPERMIA. MEDICAL JOURNAL OF TABRIZ UNIVERSITY OF MEDICAL SCIENCES. 2008;30(1):127-32.
- 28. Farzadi L, **Ghassemzadeh A**. Two main independent predictors of depression among infertile women: an Asian experience. Taiwanese journal of obstetrics and gynecology. 2008;47(2):163-7.
- 29. Novin MG, Bazy P, Rad JS, Sarani SA, Farzadi L, **Ghassemzadeh A**. Morphometric study of GnRH analog/HMG/HCG effects on ultrastructure of human endometrial epithelium in early and mid-luteal phase. Journal of Obstetrics and Gynaecology Research. 2007;33(5):681-7.
- 30. **Ghassemzad A**, Farzadi L, Ajalli O. Transvaginal ovarian drilling in infertile women with polycystic ovary syndrome resistant to minimal stimulation. J Medical Sci. 2007;7:991-6.
- 31. Atashkhooi S, Abdollahi S, Farzadi L, **Ghassemzadeh A**, editors. Conscious sedation with and without paracervical block for transvaginal ultrasonically guided egg collection. HUMAN REPRODUCTION; 2006: OXFORD UNIV PRESS GREAT CLARENDON ST, OXFORD OX2 6DP, ENGLAND.
- 32. Nouri M, Ghaffari M, Salmasi A, Farzadi L, **Ghassemzadeh A**, Lu S, et al. Effects of IL-6 on steroidogenesis of human granulosa cells in vitro. Journal of Reproduction & Infertility. 2001;2(1):40-50.
- 33. **Ghassemzad A**, Farzadi L, Ajalli O, Adashi E, Rock J, Guzick D, et al. Combined lifestyle modification and metformin in obese patients with polycystic ovary syndrome. Journal of Medical Sciences. 1981;7(6):320-5.
- 34. **-ghassemzadeh alieh-pourabolghasem shabnam-** Impact of semen characteristics on the success of intrauterine insemination Research journal of biological sciences 3(2):161-165;2008--medwell journals
- 35. Sayyah Melli M, Rashidi MR, Delazar A, Madarek E, Kargar Maher MH, **Ghassemzadeh A**, Sadaghat K, Tahmasebi ZInt Effect of peppermint water on prevention of nipple cracks in lactating primiparous women: a randomized controlled trial Breastfeed J. 2007 Apr 19; 2:7.
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- .nuri-ghaffari-salmasi-farzadi-**ghasemzadeh alieh**- The effects of interleukin-6 on steroidogenesis fertility and infertility journal 1999
- nuri-salmasi-**ghasemzadeh**-farzadi-ghaffari Evaluation of serum and follicular fluid interleukin and sexual hormones in IVF - fertility and infertility journal 1999
- Bazy-ghaffari-**ghasemzadeh alieh**-farzadi-salmasi-saran-tahmasebi- Morphometric study of ovulation inducing drugs on human endometrial epithelial cells ultra structure in long protocol-fertility sterility journal 2004
- ghaffari m-bazy p-soleimani rad j-sarani a-farzadi l-**ghasemzadeh alieh**- Morphometric study of GnRH analog LHMGHCG effects on ultra structure of human endometrial epithelium in early and mid-luteal phase-japanese journal of obstetrics gynecology.res.vol.33,no.5:681-687;october2007
- **ghasemzadeh alieh**-farzadi laya-ajalli ozra- Transvaginal ovarian drilling in infertile women with polycystic ovary syndrome resistant to minimal stimulation-j.medical science,7(6):991-996-august 2007

- Field of interest

Reproductive endocrinology

Poly cystic ovary

Premature ovarian insufficiency

Genetic in reproduction