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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 in Tabriz University, Tabriz, Iran (1990-2008).

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

Professor of Obs & Gyn in Tabriz 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. Paraxonase-3 Enzyme and the Ratio of Antioxidant/oxidant within the Follicular Fluid of Infertial and Fertial 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. Antimullerian 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, **GHASEMZADEH 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, **GHASEMZADEH 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, **GHASEMZADEH 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. Atashkhoui 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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...najafi kia yusef-**ghassemzadeh alieh**, Evaluation of lysteria monocytogen in abortions Tabriz *medical journal of ...tabriz medical sciences university-tabriz-1995*

- ...-ebrahimpur-**ghassemzadeh alieh**-mozaffary-jahanbakhsh tabatabaii-ettehad dastgiri- The possible role of CMV virus in major birth anomalies- 1999

- .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