بسمه تعالى

Curriculum Vitae (CV)

دكتر سولماز قنبري همائي

دانشگاه علوم پزشکی تبریز

محل تولد: تبريز

سال تولد: ۱۳۷۰

شماره تماس: ۹۱۴۱۰۹۶۸۰۰

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پروفایل گوگل اسکالر: https://scholar.google.com/citations?user=06W9lmQAAAJ&hl=en

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علاقەمندى پژوهشى:

Mental Health/ Psychological disorders in Pregnancy & Postpartum, Birth Experience; AR; VR; Tele-Medicine; Technology Enhanced Learning

سوابق تحصيلي

سال اخذ مدرک	شهر	نام موسسه	رشته	مقطع تحصيلي	
١٣٩٨	تبريز	دانشگاه علوم پزشکی تبریز	مامایی	دکتری تخصصی	١
1898	تبريز	دانشگاه علوم پزشکی تبریز	مامایی	کارشناسی ارشد	۲
1895	تبريز	دانشگاه علوم پزشکی تبریز	مامایی	كارشناسي	٣

افتخارات

سال	شهر	نام موسسه	مقام صادر کننده	موضوع	
1444	تهران	وزارت بهداشت و درمان	معاونـــت تحقیقـــات و فناوری	دانشجوی پژوهشگر برجسته کشوری در مقطع دکتری تخصصی	١
۱۳۹۸	تهران	معاونت علمی و فناوری ریاست جمهوری	بنیاد ملی نخبگان	برگزیده جایزه شهید دکتر شهریاری	۲
1897-44	تهران	معاونت علمی و فناوری ریاست جمهوری	بنیاد ملی نخبگان	برگزیده جوایز تحصیلی، دو سال متوالی	۴
١٣٩٨	تهران	وزارت بهداشت و درمان	مشــاور وزیــر در امــور مامائی	اولین فارغ التحصیل مامائی در مقطع دکتری تخصصی در کشور	۵
1897-98	تبريز	دانشگاه علوم پزشکی تبریز	دفتر استعداد درخشان	دانشجوی استعداد درخشان در مقــاطع کارشناسی و ارشد	۶
1491-94	تهران	وزارت بهداشت و درمان	وزیر بهداشت	برگزیده کشوری جشنوارههای ادبی و فرهنگی، چندین سال متوالی	Y

مقالات چاپشده در مجلات علمي- پژوهشي

- 1. Fereshteh Vahidi, Mojgan Mirghafourvand, Elaheh Naseri, **Solmaz Ghanbari-Homaie***. Birth-related posttraumatic stress disorder and negative childbirth experience related to maternal functioning among adolescent mothers: a cross-sectional study. *BMC Pregnancy and Childbirth* 23 (1), 1-9. **IF= 3.2**
- 2. Zahra Najafi, Mojgan Mirghafourvand, **Solmaz Ghanbari-Homaie***. Are women with preterm labour at risk for negative birth experience? A comparative cross-sectional study from Iran. *BMC Pregnancy and Childbirth* 23 (1), 1-9. **IF= 3.2**
- 3. Niloofar Ghanbarzadeh-Ghashti, **Solmaz Ghanbari-Homaie**, Elnaz Shaseb, Shamsi Abbasalizadeh, Mojgan Mirghafourvand. The effect of Curcumin on metabolic parameters and androgen level in women with polycystic ovary syndrome: a randomized controlled trial. *BMC Endocrine Disorders* 23(1), 40. **IF**= 3.2
- 4. **Solmaz Ghanbari-Homaie**, Sakineh Mohammad-Alizadeh-Charandabi, Mohammad Asghari-Jafarabadi, Shahla Meedya, Eesa Mohammadi, Mojgan Mirghafourvand. (2023). Persian version of the support and

- control in birth questionnaire among Iranian women. *Journal of Education and Health Promotion* 12. **IF**= **1.4**
- 5. Mirghafourvand, M., Meedya, S., Mohammadi, E., Mohammad-Alizadeh-Charandabi S, Asghari, M., **Ghanbari-Homaie***, S. (2022). Iranian women's perception on the determinants of birth experience: a qualitative study. *BMC Pregnancy Childbirth* 22, 751. **IF**= 3.10
- 6. **Ghanbari-Homaie**, S., Meedya, S., Mohammad-Alizadeh-Charandabi, S., Asghari Jafarabadi, M., Mohammadi, E., Mirghafourvand, M. (2022). Correlations between Primiparous Women's Perceived Internal Control, External Control, Support and Their Birth Experience. *International Journal of Childbirth*. 12 (3): 131-138. **IF= 0.39**.
- 7. **Ghanbari-Homaie**, S., Hasani, S., Mirghafourvand M., Correlation of Anxiety with Pregnancy Symptoms and Maternal-fetal Attachment. (2021). *Shiraz E-Medical Journal*.
- 8. **Ghanbari-Homaie**, **S.**, Meedya, S., Mohammad-Alizadeh-Charandabi, S., Jafarabadi, M. A., Mohammadi, E., & Mirghafourvand, M. (2021). Recommendations for improving primiparous women's childbirth experience: results from a multiphase study in Iran. *Reproductive health*, 18(1), 1-13. **IF= 3.12**
- Ghasemi Yngyknd, S., Asghari Jafarabadi, M., Ghanbari-Homayi, S., Laghousi, D., & Mirghafourvand, M. (2021). A systematic review of social determinants of healthy lifestyle among Iranian women. *Nursing Open*, 8(5), 2007-2017. IF= 1.69.
- 10. Ghanbari-Homayi, S., Mohammad-Alizadeh-Charandabi, S., Meedya, S., Jafarabadi, M. A., Mohammadi, E., & Mirghafourvand, M. (2021). The Impact of First Childbirth Experience on Women's Attitude Towards Having Another Child and Subsequent Vaginal Birth. Current Women's Health Reviews, 17(3), 244-250. IF= 0.48.
- 11. **Ghanbari-Homaie, S.**, Ataei-Almanghadim, K., & Mirghafourvand, M. (2021). Effect of vitamins on sexual function: A systematic review. *International Journal for Vitamin and Nutrition Research*. **IF= 1.78**
- 12. **Ghanbari-Homayi, S.**, Hasani, S., Meedya, S., Asghari Jafarabadi, M., & Mirghafourvand, M. (2021). Nonpharmacological approaches to improve women's childbirth experiences: a systematic review and meta-analysis. *The Journal of Maternal-Fetal & Neonatal Medicine*, *34*(3), 479-491. **IF= 1.67**
- 13. **Homaie, S. G.,** Hasani, S., & Mirghafourvand, M. (2021). Correlation of Anxiety with Pregnancy Symptoms and Maternal-fetal Attachment. Shiraz E Medical Journal (In Press)
- 14. **Ghanbari-Homaie, S.**, Asghari Jafarabadi, M., Hasani, S., & Mirghafourvand, M. (2021). Psychometric Properties of the Persian Version of Pregnancy Symptoms Inventory (PSI). *Clinical Nursing Research*, 10547738211067319. **IF= 2.07**
- 15. Havizari, S., **Ghanbari-Homaie**, S., Eyvazzadeh, O., & Mirghafourvand, M. (2021). Childbirth experience, maternal functioning and mental health: how are they related? *Journal of Reproductive and Infant Psychology*, 1-13. **IF= 2.48**
- 16. Mirghafourvand M, **Ghanbari S**, Hasani S, Pourfathi H. (2021). Effectiveness of Pharmacological Pain Relief Methods on Birth Experience: A Systematic Review and Meta-Analysis. *Current Women's Health Reviews*. **IF= 0.48**
- 17. **Ghanbari-Homayi, S.**, Fardiazar, Z., Mohammad-Alizadeh-Charandabi, S., Jafarabadi, M. A., Mohamadi, E., Meedya, S., & Mirghafourvand, M. (2020). Developing of a new guideline for improving

- birth experiences among Iranian women: a mixed method study protocol. Reproductive Health, 17(1), 17. **IF= 3.12**
- 18. Gholizadeh Shamasbi, S., Barkin, J. L., **Ghanbari-Homayi, S**., Eyvazzadeh, O., & Mirghafourvand, M. (2020). The Relationship between Maternal Functioning and Mental Health after Childbirth in Iranian Women. International Journal of Environmental Research and Public Health, 17(5), 1558. **IF**= **2.84** Mirghafourvand, M., Jafarabadi, M. A., & **Ghanbari-Homayi**, **S**. (2020). Adaptation of short version of questionnaire for assessing the childbirth experience (QACE) to the Iranian culture. BMC Pregnancy and Childbirth, 20(1), 1-8. **IF**= **2.94**
- Ghanbari-Homayi, S., Fardiazar, Z., Mohammad-Alizadeh-Charandabi, S., Meedya, S., Jafarabadi, M. A., Mohammadi, E., & Mirghafourvand, M. (2020). Skin-to-skin contact, early initiation of breastfeeding and childbirth experience in first time mothers: a cross sectional study. *Journal of Neonatal Nursing*. IF= 0.95
- 20. Shamasbi, S. G., **Ghanbari-Homayi, S.**, & Mirghafourvand, M. (2019). The effect of probiotics, prebiotics, and synbiotics on hormonal and inflammatory indices in women with polycystic ovary syndrome: a systematic review and meta-analysis. *European journal of nutrition*, 1-18. **IF**= **4.44** Mirghafourvand, M., Mohammad Alizadeh Charandabi, S., **Ghanbari-Homayi**, S., Jahangiry, L., Nahaee, J., & Hadian, T. (2019). Effect of birth plans on childbirth experience: A systematic review. *International journal of nursing practice*, 25(4), e12722. **IF**= **2.06**
- 21. **Ghanbari-Homayi, S.**, Hasani, S., Meedya, S., Asghari Jafarabadi, M., & Mirghafourvand, M. (2019). Nonpharmacological approaches to improve women's childbirth experiences: a systematic review and meta-analysis. *The Journal of Maternal-Fetal & Neonatal Medicine*, 1-13. **IF= 1.67**
- 22. **Ghanbari-Homayi, S.**, Fardiazar, Z., Meedya, S., Mohammad-Alizadeh-Charandabi, S., Asghari-Jafarabadi, M., Mohammadi, E., & Mirghafourvand, M. (2019). Predictors of traumatic birth experience among a group of Iranian primipara women: a cross sectional study. *BMC pregnancy and childbirth*, 19(1), 182. **IF= 2.94**
- 23. Mirghafourvand, M., Farshbaf-Khalili, A., & **Ghanbari-Homayi**, S. (2019). Marital Adjustment and Its Relationship with Religious Orientations Among Iranian Infertile and Fertile Women: A Cross-Sectional Study. *Journal of religion and health*, 58(3), 965-976. **IF= 1.89**
- 24. Seiiedi-Biarag, L., Mirghafourvand, M., & **Ghanbari-Homayi**, S. (2019). The effect of cognitive-behavioral therapy on psychological distress in the mothers of preterm infants: a systematic review and meta-analysis. *Journal of Psychosomatic Obstetrics & Gynecology*, 1-10. **IF= 1.88**
- 25. Mirghafourvand, M., Zandinava, H., Shafaei, F. S., Mohammad-Alizadeh-Charandabi, S., & **Ghanbari-Homayi, S**. (2019). Effectiveness of Self-Care Training on Pregnancy Consequences in Gestational Diabetes: A Randomized Controlled Clinical Trial. *Shiraz E-Medical Journal*, 20(6). **IF= 0.58**
- 26. **Ghanbari-Homayi, S.**, Dencker, A., Fardiazar, Z., Jafarabadi, M. A., Mohammad-Alizadeh-Charandabi, S., Meedya, S., ... & Mirghafourvand, M. (2019). Validation of the Iranian version of the childbirth experience questionnaire 2.0. *BMC Pregnancy and Childbirth*, 19(1), 465. **IF**= **2.94**
- 27. Mirghafourvand, M., Barkin, J. L., Jafarabadi, M. A., Karami, F., & **Ghanbari-Homayi**, **S**. (2019). The psychometric properties of the Barkin index of maternal functioning (BIMF) for the Iranian

- population. *BMC Women's Health*, 19(1), 166. **IF= 1.35**
- Ghelichkhani, F., Mirghafourvand, M., Asghari Jafarabadi, M., Ghanbari Homayi, S., Bahrami-Vazir, E.,
 & Mohammadi, A. (2019). Psychometric Properties of the Revised Osteoporosis Knowledge Test in Iranian Adolescent. *International Journal of Pediatrics*, 7(2), 8959-8968.
- 29. Meedya, S., **Ghanbari-Homayi, S.**, Fardiazar, Z., Mohammad-Alizadeh-Charandabi, S., Mohammadi, E., & Mirghafourvand, M. (2019). Predictors of traumatic childbirth experiences in a group of Iranian women. Women and Birth, 32, S23. **IF= 3.17**
- 30. Hadian, T., Mirghafourvand, M., Mohammad-Alizadeh-Charandabi, S., **Ghanbari-Homayi, S.**, Nahaeii, J., & Meedya, S. (2018). The Effect of Prenatal Home Visiting for Adolescent Mothers on Maternal and Neonatal Outcomes: A Systematic Review and Meta-Analysis. *International Journal of Pediatrics*
- 31. Zandinava, H., Shafaei, F. S., Charandabi, S. M. A., **Homayi, S. G.**, & Mirghafourvand, M. (2017). Effect of educational package on self-care behavior, quality of life, and blood glucose levels in pregnant women with gestational diabetes: a randomized controlled trial. *Iranian Red Crescent Medical Journal*, 19(4). **IF**= **0.28**.
- 32. Mirghafourvand, M., Malakouti, J., Charandabi, S. M. A., Khalili, A. F., & **Homayi, S. G.** (2016). The efficacy of lemon balm (Melissa officinalis L.) alone and combined with lemon balm—Nepeta menthoides on premenstrual syndrome and quality of life among students: A randomized controlled trial. *Journal of Herbal Medicine*, 6(3), 142-148. **IF= 2.83**
- 33. Mirghafourvand, M., Mohammad-Alizadeh-Charandabi, S., Jafarabadi, M. A., Shiri, F., & **Ghanbari-Homayi, S**. (2016). Feasibility, reliability, and validity of the Iranian version of the quality of life questionnaire for pregnancy. *Iranian Red Crescent Medical Journal*, 18(9). **IF= 0.28.**
- 34. Mirghafourvand, M., Malakouti, J., Mohammad, a. C. S., Farshbaf, k. A., & **Ghanbari**, h. S. (2016). The effects of lemon balm (melissa officinalis 1.) alone and in combination with nepeta menthoides on the menstrual bleeding in students with premenstrual syndrome: A randomized controlled trial. *Iranian Red Crescent Medical Journal*. **IF= 0.28**
- 35. Mirghaforvand, M., **Ghanbari Homayi**, S., & Farshbaf Khalili, A. (2016). The relationship between marital adjustment and thinking styles in infertile women referred to Alzahra hospital, tabriz-2014. The Journal of Urmia Nursing and Midwifery Faculty, 13(11), 964-972.
- 36. Charandabi, S. M. A., Mirghafourvand, M., Khaki-Rostami, Z., Malakouti, J., Jafarabadi, M. A., & **Ghanbari-Homayi**, S. (2015). Sexual dysfunction and help seeking behaviors in newly married men in Sari City: a descriptive. *Journal of caring sciences*, 4(2), 143.
- 37. Zeinab, K. R., Mirghafourvand, M., Jamileh, M., Alizadeh Charandabi, S. M., Jafarabadi, M. A., & Ghanbari, S. (2015). Sexual dysfunction and help seeking behaviors in newly married women in Sari, Iran: a cross-sectional study. Payesh (Health Monitor), 14(6), 677-686.
- 38. Mirghafourvand, M., Asghari Jafarabadi, M., & **Ghanbari-Homayi**, S. (2015). Comparison of the diagnostic values of premenstrual syndrome screening tool (PSST) and daily record of severity of problems (DRSP). Journal of Babol University of Medical Sciences, 17(8), 27-33.

- 39. Shahnazi, M., Farshbaf Khalili, A., & **Ganbari, S.** (2014). Factors related to cervical cancer screening among women referring to health centers in Tabriz, Iran 2012. The Iranian Journal of Obstetrics, Gynecology and Infertility, 16(89), 15-24.
- 40. **Ghanbari Homayi, S.**, Malakouti, J., Asghari, M., Farshbaf Khalili, A., & Ghahremani Nasab, P. (2013). Relationship between season of conception, birth and other predictors in women with eclampsia referring to Alzahraa and Taleghani hospitals in Tabriz, Iran, 2007-2012. The Iranian Journal of Obstetrics, Gynecology and Infertility, 16(75), 22-29.

مقالات ارائه شده در سمینار و کنگره

- Mojgan Mirghafourvand, Shahla Meedya, Eesa Mohammadi, Sakineh Mohammad-Alizadeh-Charandabi, Mohammad Asghari-Jafarabadi, Solmaz Ghanbari-Homaie*. (2023). Iranian women's perception on the determinants of birth experience: a qualitative Study. The Second International Hybrid Congress of Ethics in Midwifery and Reproductive Health with the focus on Maternal Dignity, Iran.
- Mojgan Mirghafourvand, Shahla Meedya, Sakineh Mohammad-Alizadeh-Charandabi, Mohammad Asghari-Jafarabadi, Eesa Mohammadi, Solmaz Ghanbari-Homaie*. (2023). Recommendations for improving primiparous women's childbirth experience. The Second International Hybrid Congress of Ethics in Midwifery and Reproductive Health with the focus on Maternal Dignity, Iran.
- 3. Meedya S, **Ghanbari-Homayi** S, Fardiazar Z, Mohammad-Alizadeh-Charandabi S, Mohammadi E, Mirghafourvand M. (2019). Predictors of traumatic childbirth experiences in a group of Iranian women. Abstract of the paper presented in the Australian College of Midwives National Conference, **Australia**.
- 4. **Solmaz Ghanbari-Homayi**, Mojgan Mirghafourvand, Azizeh Farshbaf-Khalili, Arezoo Moeeni. (2016). The marital adjustment and thinking styles in infertile women. The poster presented in the 2nd International Congress on Reproduction, Tehran, **Iran**.
- 5. **Solmaz Ghanbari**, Jamileh Malakouti, Azizeh Farshbaf. (2016). Relationship between Season of Conception, Birth and Other Predictors in Women with Eclampsia. The poster presented in the Debatable Topics on Obstetrics Gynecology & Infertility, Tehran, **Iran**.
- 6. **Solmaz Ghanbari-Homayi**, Mojgan Mirghafourvand, Mohammadali Torbati. (2015). The efficacy of lemon balm and combination of lemon balm and nepeta menthoides in menstrual bleeding among students with premenstrual syndrome: a randomized controlled trial. Abstract of the paper presented in the International Congress on Complementary and Alternative Medicine, Mashhad, **Iran**.

طرحهاي تحقيقاتي مصوب

- 1. The status of uterine cancer screening and its effective factors among Tabriz women
- 2. Relationship between preeclampsia syndrome and seasonal changes
- Comparison of religious orientation and its relationship with marital adjustment in infertile and fertile women
- 4. Sleep status and its relationship with depression up to one year after delivery in women referring to Tabriz health centers
- 5. The impact of pharmacological and non- pharmacological interventions on the negative childbirth experience: A systematic review and meta-analysis study
- 6. The Relationship between birth experience and maternal performance and postpartum mental health
- 7. Comparison of thinking styles and its relationship with marital adjustment in infertile and fertile women
- 8. Social determinants of a healthy lifestyle in Iranian women: A systematic review and meta-analysis
- 9. Comparison of domestic violence in infertile and fertile women and help seeking behaviors
- 10. Effect of Curcumin on metabolic indicators in women with polycystic ovary syndrome: a randomized controlled clinical trial
- 11. Psychometrics properties of pregnancy anxiety questionnaires and signs of pregnancy and their relationship with maternal-fetal attachment
- 12. Effects of prebiotics on menopausal symptoms and metabolic indicators in postmenopausal women: A randomized controlled clinical trial
- 13. The effects of lemon balm (melissa officinalis l.) alone and in combination with nepeta menthoides on the premenstrual syndrome (PMS) and menstrual bleeding in students with premenstrual syndrome: a randomized controlled trial (MSc Dissertation)
- 14. Developing of a new guideline for improving birth experiences among Iranian women: a mixed method study protocol (**PhD Thesis**)
- 15. Comparison of birth experience in different Iranian ethnic groups
- 16. The revision of Midwifery PhD curriculum in Iran
- 17. Design, implementation and evaluation of the educational software of principles of healthy eating based on Gamification in nursing students of Tabriz University of Medical Sciences

- 18. The relationship between adherence with the World Health Organization guideline for creating positive birth experience with fear of childbirth and birth experience: a cross-sectional study
- 19. Designing a guideline to improve birth experiences as a mobile application and evaluating its effectiveness on knowledge of midwifery students
- 20. Comparison of maternal and neonatal outcomes after vaginal delivery by birth attendant: a cohort study
- 21. Determine of prevalence of postpartum psychological outcomes and it's predictors among adolescent mothers: A systematic review and meta-analysis
- 22. The relationship between birth experience with childbearing, short and long maternal outcomes: a cohort study
- 23. Comparison of the effect of companion with natural childbirth experience compared to cesarean delivery experience on fear of childbirth and childbirth experience: a randomized controlled clinical trial study
- 24. Investigating the causes of stunting in children under five years of age due to birth abnormalities with ecological-social pattern in East Azarbaijan province
- 25. Pregnant women's preferences and awareness regarding childbirth pain relief methods and its relationship with some maternal outcomes: a longitudinal study
- 26. Epidural analgesia and psychological disorders (PPD, PTSD, anxiety): a systematic review and metaanalysis
- 27. Designing an electronic registration system for the summary of women's medical records in different periods of life for the clients of Taleghani Hospital in Tabriz

عناوين ياياننامههاي مصوب

- 1. Association of pregnancy experience with some maternal and neonatal outcomes: a longitudinal study (Supervisor)
- 2. Birth experience, post-traumatic stress syndrome following childbirth and their relationship with maternal functional among adolescent mothers: a cross-sectional study (Supervisor)
- 3. Comparison of birth experience and fear of childbirth among mothers with pre-term and full-term labour: a cross-sectional study (Supervisor)
- 4. Pregnancy symptoms and its relationship with nutritional status, physical activity and social support among pregnant women: a cross-sectional study (Supervisor)
- 5. The effect of 78% dark chocolate on depression among postmenopausal women: a randomized controlled clinical trial (Supervisor)

- 6. The effect of evening primrose oil on clinical symptoms of women with polycystic ovary syndrome: a randomized controlled clinical trial (Advisor)
- 7. Effect of vitamin D on healing rate of anogenital warts and quality of life associated with human papillomavirus (HPV): a randomized controlled clinical trial (Second Supervisor)
- 8. The effect of basil capsules on postpartum depression symptoms: a randomized controlled trial (Supervisor)
- 9. Determining the association of remifentanil analgesia with postpartum depression and childbirth experience: a cohort study (Second Supervisor)
- 10. The effect of topical ointment of propolis on severity of episiotomy pain and wound healing: a randomized controlled trial (Second Supervisor)
- 11. Implementation and evaluation of the Centering Pregnancy group prenatal care model in pregnant women with diabetes: A convergent pararell mixed methods study (Advisor)

اديتور ژورنال هاي بين المللي

1. BMC Pregnancy and Childbirth

داور ژورنالهای علمی

- 2. BMC Pregnancy and Childbirth
- 3. BMJ open
- 4. BMC Pediatrics
- 5. Health and Quality of Life Outcomes
- 6. Journal of Caring Science (JCS)
- 7. Iranian Journal of Neonatology
- 8. Applied Nursing Research
- 9. Journal of Herbal Medicine

مهارتها

- 1. Python (Elementary)
- 2. Clinical teaching of vaginal delivery for BSc, MSc students

- 3. Clinical teaching of Obstetric & Gynecologic diseases for BSc students
- 4. Theoretical teaching of research methods for MSc students
- 5. Theoretical teaching of professional English for BSc students
- 6. Theoretical teaching of Epidemiology in Midwifery for BSc students
- 7. Theoretical teaching of new pain relief methods in labour for PhD students
- 8. Computer skills: Office, Word, Power point, EndNote software, G-POWER.
- 9. Qualitative and quantitative researches: Data analysis in qualitative and quantitative studies, Mix method researches, Instruments development and psychometric properties, SPSS, CMA.

دورههای گذرانده

- 1. Electronic Health
- 2. Computer Network
- 3. Health Information Sysytems
- 4. Traditional medicine in midwifery course (3 years)
- 5. Research methods workshop
- 6. Ethics in research workshop
- 7. Physiologic delivery workshop
- 8. Sexual health workshop
- 9. Clinical consultation workshop
- 10. Non-pharmacological methods for pain relief during labour workshop
- 11. Pleasant delivery workshop
- 12. Qualitative research method
- 13. Communication skills workshop
- 14. Support and promotion of breastfeeding workshop
- 15. Systematic Review
- 16. Principle of protocol writing
- 17. E-learning
- 18. Artificial Intelligence

سمت اجرائي

- ١. سرپرست واحد توسعه تحقيقات باليني
- ۲. معاون آموزشی و پژوهشی بیمارستان آموزشی، درمانی و پژوهشی طالقانی