

# Parvin Bastani

*Associate Professor of Obstetrics and Gynecology*

Tabriz University of Medical Sciences, Tabriz, Iran



## Profile

**Gender:** Female

**Date of Birth:** 6. July.1969

**Marital Status:** Married

**Country of Origin:** Iran

**Present Nationality:** Iranian

## Research Profiles ID

**Researcher ID:** M-3660-2017

**Scopus ID:** 12807505700

**ORCID ID:** 0000-0002-7103-0683

## Education

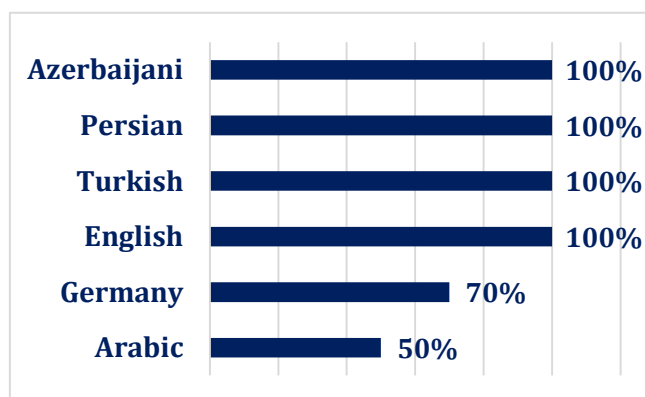
**1994** General Medicine, Faculty of Medicine, Tabriz University of Medical Sciences, Tabriz, Iran.

**1998** Obstetrics and Gynecology, Faculty of Medicine, Tabriz University of Medical Sciences, Tabriz, Iran.

**1998** Board Certify in Obstetrics and Gynecology.

**2008** Fellowship in urogynecology and pelvic reconstructive surgery: Medical faculty of Ludwig Maximilian university-munchen, Germany.

## Language Skills



## Research Interest

- Urogynecology
- Female Incontinence
- Sexual Problems
- Pelvic Floor Sonography

## Contact

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## **Administrative Experiences**

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- Educational Affair of Taleghani Teaching Hospital, Tabriz University of Medical Sciences, Tabriz, Iran.
- Head of Taleghani Teaching Hospital, Tabriz University of Medical Sciences, Tabriz, Iran.
- Head of Alzahra Teaching Hospital, Tabriz University of Medical Sciences, Tabriz, Iran.

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## **General & Specialized Skills**

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- Pelvic reconstructive surgery
- Mullerian anomalies surgery
- Pelvic floor sonography
- Project Management
- Problem Solving
- Team Working
- IT skills: (Internet, Windows, Microsoft Office, Minitab, SPSS Data collection, manipulation, and analysis)

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## **Membership of Learned Societies**

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- The National Association of Iranian Obstetrics and Gynecology
- Member of international continence society
- Member of Women's Health and Reproduction research center

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## **Supervisor & Advisor of Thesis**

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1. Comparison of results of preventive and non-preventive surgery for urinary incontinence in women with advanced pelvic organ prolapse. **(Supervisor)**
2. The effect of demographic factors on the outcome of twin pregnancies. **(Supervisor)**
3. Evaluation of risk factors for preeclampsia in pregnant women second and older. **(Supervisor)**
4. Comparison of amniotic fluid index and the size of the deepest amniotic fluid sac in the ability to predict the outcome of prolonged pregnancies. **(Supervisor)**
5. Evaluation of the relationship between maternal age and midwifery interventions (cesarean section and vacuum) in women of the first pregnancy. **(Supervisor)**
6. Evaluation of the relationship between the duration of contact with semen and the incidence of preeclampsia in women with the first pregnancy. **(Supervisor)**
7. Evaluation of the relationship between fetal sex and gestational age in pregnancies over 37 weeks and its complications. **(Supervisor)**
8. Investigating the relationship between maternal parity and pregnancy outcome. **(Supervisor)**
9. Comparison of maternal outcomes of neonatal head pressure with head stretching in cesarean delivery with pelvic embryos. **(Supervisor)**

10. Comparison of the results of preventive and non-preventive surgery for urinary incontinence in women with advanced pelvic organ prolapse. **(Supervisor)**
11. The effect of pelvic floor physical therapy on sexual function and strength and endurance of pelvic floor muscles in women with painful intercourse. **(Supervisor)**
12. Localization of pelvic floor prolapse guideline in Iranian adult women. **(Supervisor)**
13. The effect of using pessary in the treatment of symptoms associated with pelvic organ prolapse. **(Supervisor)**
14. Results of pelvic floor prolapse surgery (anterior colporrhaphy with mesh and sacrospinus suspension) and abdominal method (sacropexy and hysteropexy). **(Supervisor)**
15. Comparison of sexual function before and after the use of pessary in women with pelvic floor disorders. **(Supervisor)**
16. Evaluating the value of ultrasound in predicting success in induction of labor and comparing it with B-Shop score. **(Supervisor)**
17. Determination of perineal length in Noli Par women referred to Al-Zahra and Taleghani hospitals in Tabriz. **(Supervisor)**
18. Evaluation of long-term consequences of using synthetic meshes in the treatment of women with genital prolapse. **(Supervisor)**
19. Comparison of the therapeutic effect of metformin and simvastatin in the treatment of polycystic ovary syndrome. **(Advisor)**

20. Comparison of maternal and neonatal outcomes in labor with vacuum and cesarean section in stopping the second stage of labor. **(Advisor)**
21. Comparison of the effect of pelvic floor physiotherapy, sonar and corrective surgery in correcting vaginal noise in patients with pelvic floor disorders. **(Advisor)**
22. Comparison of pain relief of intravenous acetaminophen, intramuscular tramadol and diclofenac suppository in pain control after cesarean section. **(Advisor)**
23. Frequency, risk factors for pelvic floor disorders, irritable bladder syndrome and its relationship with sexual function in postmenopausal women. **(Advisor)**
24. Evaluation of consumption pattern and prescription of antibiotic prophylaxis regimen in patients undergoing gynecological surgery in Alzahra Hospital, Tabriz in 2017. **(Advisor)**
25. Frequency of history of polycystic ovary syndrome in preeclamptic patients. **(Advisor)**
26. Comparison of the effectiveness and side effects of transcervical catheter and vaginal misoprostol catheter on cervical preparation. **(Advisor)**

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## Research Projects

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1. Efficiency of serum creatinekinase measurement in differentiation between ruptured and unruptured ectopic pregnancy.
2. Study on relation between length of semen exposure and incidence rate of pre-eclampsia in primigravid women.
3. The effect of supplemental vitamin E on pregnancy outcome.
4. Comparison efficiency of urinary protein: creatinine ratio to 24 hour urine protein measurements in pre-eclamptic women.

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## Publications

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### A) Books

No.	Title	Year
1	Principles of family planning <b>(Persian translation and accumulation)</b>	
2	Pelvic organ prolapse and urinary incontinence in women <b>(In Persian)</b>	2014

### B) Journal Articles

1. Hamdi K, **Parvin Bastani**, Gafarieh R, Mozafari H, Hashemi SH, Ghotbi MH. The influence of maternal ketonuria on fetal well-being tests in postterm pregnancy. Archives of Iranian medicine. 2006 Apr; 9(2):144-147.

2. **Parvin Bastani**, Hamdi K, Abdollahi A. Preconception period of seminal fluid exposure and prevalence of preeclampsia in primigravida women. *Journal of Medical Sciences*. 2007; 7(5):840-4.
3. Hamdi K, **Parvin Bastani**, Hashemi H, Sh P, Fattahi K. Study on the prevalence of Irritable Bowel Syndrome in patients with preterm labor. *Research in Medicine*. 2008 Jun 10; 32(2):165-8.
4. **Parvin Bastani**, Hamdi K, Najafi H. Risk factors for preeclampsia in multigravida woman. *Research Journal of Biological Sciences*. 2008; 3(1):148-53.
5. Hamdi K, **Parvin Bastani**, Saheb-Madarek EO, Hosseini H. Prediction of latency interval in preterm premature rupture of membranes using sonographic myometrial thickness. *Pakistan journal of biological sciences: PJBS*. 2010 Sep; 13(17):841-6.
6. Haj Ebrahim S, **Parvin Bastani**, Hamedani R, Badiee S. Predictive Value of Intraoperative Hematuria for Bladder Rupture Caused by Passing Tunnlers during Suburethral Sling for Stress Urinary Incontinence. *Razi Journal of Medical Sciences*. 2010 Jun 10; 17(72):25-30.
7. **Parvin Bastani**, Hamdi K, Abasalizadeh F, Pourmousa P, Ghatrehsamani F. Transvaginal ultrasonography compared with Bishop score for predicting cesarean section after induction of labor. *International journal of women's health*. 2011; 3:277.
8. **Parvin Bastani**, Hamdi K, Abasalizadeh F, Navali N. Effects of vitamin E supplementation on some pregnancy health indices: A randomized clinical trial. *International journal of general medicine*. 2011; 4:461.
9. Abbasalizadeh F, Abbasalizadeh S, **Parvin Bastani**, RezaBonyadi M. Helicobacter pylori and CagA antibodies in Hyperemesis gravidarum (HG). *African Journal of Microbiology Research*. 2011 Aug 4; 5(15):2100-2.

10. **Parvin Bastani**, Pourabolghasem S. Preterm Labor in an Iranian Population and Gender Variations in Affected Pregnancies. *The Internet Journal of Gynecology and Obstetrics*. 2011; 15(1).
11. **Parvin Bastani**, Pourabolghase S, Abbasalizadeh F, Motvalli L. Comparison of neonatal and maternal outcomes associated with head-pushing and head-pulling methods for impacted fetal head extraction during cesarean delivery. *International Journal of Gynecology & Obstetrics*. 2012 Jul; 118(1):1-3.
12. **Parvin Bastani**, Homayouni A, Ziyadi S, Tabrizian VG. Dairy probiotic foods and bacterial vaginosis: a review on mechanism of action. *Probiotics*, ed EC Rigobelo (Croatia: Intech publishing). 2012 Oct 3:445-56.
13. **Parvin Bastani**, Hajebrahimi S, Hamedani R, Oskuei AP. Female sexual function after modified pelvic floor organ prolapse repair. *Medical Journal of Tabriz University of Medical Sciences and Health Services*. 2012 Jun 12; 34(1):13-6.
14. Navali N, Shokoufe LA, Mallah F, **Parvin Bastani**, Mashrabi O. Comparing therapeutic effects of Metformin and Pioglitazone in Polycystic ovary syndrome (PCOS). *Pak J Med Sci* April-June. 2012; 28(3):390-4.
15. Saleh P, **Parvin Bastani**, Piri R, Goldust M, Naghavi-Behzad M. Antimicrobial prophylaxis for surgical site infections in surgical wards in Northwest Iran. *Life Science Journal*. 2013; 10(2):1977-81.
16. Bonyadi MR, **Parvin Bastani**. Modification and evaluation of avidity IgG testing for differentiating of *Toxoplasma gondii* infection in early stage of pregnancy. *Cell Journal (Yakhteh)*. 2013; 15(3):238.
17. Navali N, **Parvin Bastani**, Najafnejad B, Malah F. Comparing the effects of conventional surgery with resection of a layer of cutaneous



and subcutaneous around the surgical incision on decreasing the rate of surgical wound infection and dehiscence in high risk patients operated for obstetrics and gynecologic conditions. *The Iranian Journal of Obstetrics, Gynecology and Infertility*. 2013; 16(58):1-7.

18. Navali N, Mallah F, **Parvin Bastani**, Ghazi N. Vaginal prostaglandin-E2 suppository versus extra-amniotic Foley catheter to induce labor: a randomized clinical trial. *Life Science Journal*. 2013; 10(2):2721-4.
19. Tabrizi NT, Torabi Z, **Parvin Bastani**, Mokhtarkhani M, Madani N, Parnian N, Hajebrahimi S. Assessing the Perception of Pain and Distress of Female Patients Undergoing Routine Urethral Catheterization in Cesarean Delivery. *International Journal of User-Driven Healthcare (IJUDH)*. 2013 Apr 1; 3(2):78-84.
20. Homayouni A, **Parvin Bastani**, Ziyadi S, Mohammad-Alizadeh-Charandabi S, Ghalibaf M, Mortazavian AM, Mehrabany EV. Effects of probiotics on the recurrence of bacterial vaginosis: a review. *Journal of lower genital tract disease*. 2014 Jan 1; 18(1):79-86.
21. Rahmani SA, Paknejad Z, Mohammadkhanlou M, **Parvin Bastani**, Baradaran B, Hassanzadeh Z, Khaki A. The association of-511 C/T and-31 C/T polymorphisms in the interleukin 1 beta (Il-1 $\beta$ ) gene with unexplained recurrent pregnancy loss in an Iranian Azeri Turkish population.2014; 80(566):211-217.
22. **Parvin Bastani**, Shoari N, Ebrahimi SH, Mallah F, Azadi A. Comparison of Performing and Not-Performing the Prophylactic Surgery for Urinary Incontinence in Advanced Pelvic Organ Prolapse. *International journal of women's health and reproduction sciences*. 2014; 2(5): 311-315.

23. Vahedi A, Dastranj A, Mehramoz B, Shobeiri MJ, Ouladehsahebmadarek E, Melli MS, Gharabaghi PM, **Parvin Bastani**, Mahallei M, Ghojazadeh M. Effect of Serum Levels of P53, CA125, CA19-9 and Oestradiol in Prognosis of Patients with Endometrial Carcinoma. *Majallah-i pizishki-i Danishgah-i Ulum-i Pizishki va Khadamat-i Bihdashti-i Darmani-i Tabriz*. 2014 Aug 1; 36(3):92.
24. Pourabolghasem S, Navali N, **Parvin Bastani**, Kazemivand F. Effect of simvastatin versus metformin on biochemical profile of polycystic ovary syndrome: a randomized clinical trial. *International Research Journal of Applied and Basic Sciences*. 2014; 8(11):1999-2003.
25. Ziyadi S, Homayouni A, Mohammad-Alizadeh-Charandabi S, **Parvin Bastani**. Probiotics and usage in bacterial vaginosis. *Probiotics, Prebiotics, and Synbiotics: Bioactive Foods in Health Promotion*. 2015:655-9.
26. Abbasalizadeh F, Abbasalizadeh S, Pouraliakbar S, **Parvin Bastani**. Correlation between Nonreassuring Patterns in Fetal Cardiotocography and Birth Asphyxia. *International Journal of Women's Health and Reproduction Sciences*. 2015; 3(3): 151-154.
27. Ziyadi S, **Parvin Bastani**, Homayouni A, Mohammad-Alizadeh-Charandabi S, Mallah F. Probiotics and usage in urinary tract infection. *Probiotics prebiotics and synbiotics: Bioactive foods in health promotion Elsevier Inc, London*. 2016:827-30.
28. **Parvin Bastani**, Akbarzadeh F, Homayouni A, Javadi M, Khalili L. Health benefits of probiotic consumption. In *Microbes in food and health 2016* (pp. 163-183). Springer, Cham.
29. **Parvin Bastani**, Hajebrahimi S, Ghaderi F, Vakilazad Z, Ghojazadeh M. The effect of pelvic floor physical therapy on sexual

function in women complaining dyspareunia. Tehran University Medical Journal. 2016; 74(7):500-8.

30. **Parvin Bastani**, Homayouni A, Norouzi-Panahi L, Tondhoush A, Norouzi S, Mehrabany E, Kasaie Z. The mechanisms of immune system regulation by probiotics in immune-related diseases. Journal of Pharmacy and Nutrition Sciences. 2016; 6(3):105-11.
31. H Rad A, Abbasalizadeh S, Vazifekhah S, Abbasalizadeh F, Hassanalilou T, **Parvin Bastani**, Ejtahed HS, Soroush AR, Javadi M, Mortazavian A, Khalili L. The future of diabetes management by healthy probiotic microorganisms. Current diabetes reviews. 2017 Dec 1; 13(6):582-9.
32. Hakimi S, Hajebrahimi S, **Parvin Bastani**, Aminian E, Ghana S, Mohammadi M. Translation and validation of the pelvic floor distress inventory short form (pfdi-20), Iranian version. BMJ Open. 2017 Feb 1; 7(Suppl 1).
33. Farajzadeh F, Ghaderi F, **Parvin Bastani**. Treatment of polycystic ovarian syndrome using electroacupuncture: A case report. International journal of womens health and reproduction sciences. 2017 Jan 1; 5(1):76-9.
34. **Parvin Bastani**, Hajebrahimi S, Mallah F, Ghaderi F, Rasouli L. 170: development of pelvic organ prolapse guidelines. BMJ open. 2017 Feb 1; 7(Suppl 1).
35. Hakimi S, Aminian E, Alizadeh Charandabi SM, **Parvin Bastani**, Mohammadi M. Risk factors of overactive bladder syndrome and its relation to sexual function in menopausal women. Urologia Journal. 2018 Feb; 85(1):10-4.

36. **Parvin Bastani**, Mallah F, Fard LR. Adaptation of Pelvic Organ Prolapse Guideline in Iranian Adult Women. *Advances in Bioscience and Clinical Medicine*. 2018 Feb 13; 6(1):6-10.
37. Ghaderi F, **Parvin Bastani**, Hajebrahimi S, Jafarabadi MA, Berghmans B. Pelvic floor rehabilitation in the treatment of women with dyspareunia: a randomized controlled clinical trial. *International urogynecology journal*. 2019 Nov 1; 30(11):1849-55.
38. Aniseh PM, Abdekhoda M, **Parvin Bastani**. Effectiveness of Information Counseling on Delivery Method Decisions in Primiparous Women. *International Journal of Childbirth Education*. 2019 Jan 1; 34(1):38-44.
39. Farhang F, **Parvin Bastani**, Khamnian Z, Pourbarghi M, Mallah F. The Comparison of Sexual Function before and After Pessary Placement in Women with Pelvic Floor Disorders. *J. Evolution Med. Dent. Sci*. 2019; 8(34):2694-2697.
40. Osgui ND, **Parvin Bastani**. Improvement of concomitant symptoms of pelvic organ prolapsed with applied pessary. *Clinical and Experimental Obstetrics & Gynecology*. 2019 Feb 10; 46(1):42-4.
41. Kamalifard M, Abbasalizadeh S, Mirghafourvand M, **Parvin Bastani**, Gholizadeh Shamasbi S, Khodaei L, Gholizadeh G. The effect of *Seidlitzia rosmarinus* (eshnan) on the prevention of recurrent cystitis in women of reproductive age: A randomized, controlled, clinical trial. *Phytotherapy Research*. 2020 Feb; 34(2):418-27.
42. Khorasani F, Ghaderi F, **Parvin Bastani**, Sarbakhsh P, Berghmans B. The Effects of home-based stabilization exercises focusing on the pelvic floor on postnatal stress urinary incontinence and low back pain: a randomized controlled trial. *International Urogynecology Journal*. 2020 Apr 10:1-7.

43. Hakimi S, Aminian E, Mohammadi M, Alizadeh SM, **Parvin Bastani**, Houshmandi S. Prevalence and Risk Factors of Urinary/Anal Incontinence and Pelvic Organ Prolapse in Healthy Middle-Aged Iranian Women. *Journal of Menopausal Medicine*. 2020 Apr; 26(1):24.
44. **Parvin Bastani**, Hajebrahimi S, Mallah F, Chaichi P, Ghiasi FS. Long-term outcome of synthetic mesh use in Iranian women with genital prolapse. *Urology Journal*. 2020 Jan 26; 17(1):73-7.
45. Sahar T, Fatemeh M, **Parvin Bastani**, Reza SM. The Comparison of the Effects of Pessary, Pelvic Floor Physiotherapy, and Corrective Surgery Methods in Correction of Vaginal Sound in Patients with Pelvic Floor Disorders.
46. Aboualsoltani F, **Parvin Bastani**, Khodaie L, Fazljou SM. Non-Pharmacological Treatments of Primary Dysmenorrhea: A systematic Review. *Archives of Pharmacy Practice*. 2020; 1:136.
47. Aboualsoltani F, **Parvin Bastani**, Khodaie L, Fazljou SM. Therapeutic Effects of Citrus aurantium Components on Psychological States: A Systematic Review. *Crescent Journal of Medical and Biological Sciences*. 7(4).
48. Pourrasmi Mamaghani A, Abdekhoda M, **Parvin Bastani**, Mohammadi M. The Effectiveness of Information Counseling on Decision-Making about Delivery Method in Primiparous Women Referred to Healthcare Centers of Tabriz-Iran. *Journal of Research Development in Nursing & Midwifery*. 2020 Apr 10; 17:0-.

۱. نوالی ن، **باستانی پروین**، نجف نژاد ب، ملاح ف. مقایسه اثر برداشتن لایه ای از جلد و زیر جلد در محل برش جراحی در جراحی های متداول و کاهش میزان عفونت و باز شدن زخم های

جراحی در بیماران پرخطر جراحی های زنان و مامایی. مجله زنان مامایی و نازایی ایران: هفته چهارم تیر ۱۳۹۲، ۱۶(۵۸):۱-۷.

۲. **باستانی پروین**، حاج ابراهیمی س، همدانی ر، پرسوزاسکویی آ. عملکرد جنسی زنان پس از جراحی ترمیمی پرولاپس احشاء لگن با حفظ مخاط واژن. مجله پزشکی دانشگاه علوم پزشکی تبریز: فروردین و اردیبهشت ۱۳۹۱؛ ۳۴(۱): ۱۳-۱۶.

۳. حاج ابراهیمی س، **باستانی پروین**، همدانی ر، بدیعی س. ارزیابی قابلیت پیشگویی هم‌چوری حین عمل جراحی اسلینگ ساب اورتال برای پارگی دیواره مثانه در زنان با بی اختیاری ادراری. علوم پزشکی رازی (مجله دانشگاه علوم پزشکی ایران): خرداد ۱۳۸۹؛ ۱۷(۷۲): ۲۵-۳۰.

۴. **حمدی ک**، **باستانی پروین**، هاشمی ح، پورابوالقاسم ش، فتاحی ک. بررسی فراوانی سندرم روده تحریک پذیر در بیماران با زایمان زودرس. پژوهش در پزشکی. ۱۳۸۷؛ ۳۲(۲): ۱۶۵-۱۶۸.

### **C) Conference Presentations**

1. Study of relation between feeling of fetal movement decreasing and Biophysical profile results in women with term pregnancy. 8th International congress of obs & Gyn. 4-8 Oct 2003, Tehran, Iran.
2. Comparison of maternal and fetal complication of conservative management with delivery of severe pre-eclamptic women with preterm fetus. 8th international congress of obs and gyn. 4-8 Oct 2003, Tehran, Iran.

3. Study on demographic factors influencing pregnancy outcome in twin gestations.9th international congress of obs and gyn. 21-25 Nov 2004, Tehran, Iran.
4. A survey of prevalence of asymptomatic bacteriuria in preterm labor.9th international congress of obs and gyn. 21-25 Nov 2004, Tehran, Iran.
5. Relation between gender and preterm birth. 6th international Congress on obstetrics and Gynecology, 25-29 Nov 2005-Tehran, Iran.
6. Advanced abdominal pregnancy. (Case report).6th international congress on obstetrics and Gynecology, 25-29 Nov 2005-Tehran, Iran.
7. A woman with Molar pregnancy and a live fetus.9th international congress of obs and Gyn. 21-25 Nov 2004. Tehran, Iran.
8. Survey of Correlation between maternal age and obstetric. Interventions in primigravide women.10th international Congress of obs and Gyn. 18-22 Nov 2006. Tehran, Iran.
9. Study on prevalence of Irritable Bowel syndrome in patients with preterm labor.10th international congress of Gyn and obs. 18-22 Nov2006. Tehran, Iran.
10. Screening of gestational diabetes rate in pregnant women in 24-28 weeks of pregnancy. 10th international congress of Gyn and obs. 18-22 Nov 2006. Tehran, Iran.
11. Iron Deficiency anemia and preterm labor .10th international Congress of Gyn and obs. 18-22 Nov 2006. Tehran, Iran.
12. Study on patients' survival after radical hysterectomy. 2th international congress of oncology. 19-22 may 2004. Isfahan, Iran.