

## **Seyedeh Zahra Faritous M.D.**

Assistant Professor of Anesthesiology

### **Academic Address:**

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- **Date of birth:** 29/11/1969
- **Place of birth:** Tehran-Iran
- **Marital Status:** Married

### **Education:**

**General Medical Training:** Kermanshah University of Medical Science (1989-1996)

**Specialty in medicine:** Anesthesiology, Iran University of Medical Science (1996-1999)

**fellowship :** Cardiac Anesthesiology, Iran University of Medical Science Shaheed Rajaei Cardiovascular Medical & research Center(2001-2002)

**Training Course:** Practical training in perioperative bleeding management June 2012,Zurich,Switzerland

### **Fields of Interest:**

- Cardiac Anesthesiology
- Cardiac intensive care
- Coagulation monitoring(Thromboelastography)

### **Professional experiences:**

Internship: Kermanshah Medical Colledge (1995-1996)

Anesthesiology resident and privilege in Shaheed Rajaei Cardiovascular Medical & Research Center (1998-2001)

Anesthesiology fellowship, , Shaheed Rajaei Cardiovascular Medical & Research Center (2001-2002)

Cardiac Anesthesiologist, Shaheed Rajaei Cardiovascular Medical & Research Center (2001- present)

### **Academic and Official appointment:**

Assistant Professor of Anesthesiology, Shaheed Rajaei Cardiovascular Medical & Research Center, Iran University of Medical Sciences (2002-2010)

Assistant Professor of Anesthesiology, Shaheed Rajaei Cardiovascular Medical & Research Center, Tehran University of Medical Science (2010\_ present)

Head of adult cardiac surgery ICU B, Shaheed Rajaei Cardiovascular Medical & Research Center (2005- present)

Head of anesthesiology in pediatric CCU (2006-2012)

Head of anesthesiology in Radiology & CT Scan Ward (2004-2011)

Member of Blood Bank Committee of Rajaei Cardiovascular, Medical and Research Center(2008-present)

Member of Infectious control Committee of Rajaei Cardiovascular, Medical and Research Center(2008-2011)

Member of ICU Committee of Rajaei Cardiovascular, Medical and Research Center(2012-present)

Member of Medical Educational Ethic Committee of Iran University of Medical Science (2010-2011)

Member of innovation and promotion committee of anesthesiology department of Iran University of Medical Science(2010-2011)

Member of Strategy planning Committee of Rajaei Cardiovascular, Medical and Research Center (2008-2011)

Member of research committee of cardiac anesthesiology department of Rajaei Cardiovascular, Medical and Research Center(2004-present)

Member of TEE committee of Iranian Society of Cardiac Anesthesiologists(2007-present)

Member of Educational committee of Iranian Society of Cardiac Anesthesiologists(2007-present)

Member of research committee of Iranian Society of Cardiac Anesthesiologists(2006-present)

Member of executive committee of Iranian Society of Cardiac Anesthesiologists(2006-present)

Member of Pre-Board Certification Examination committee of anesthesiology department (2012)

Member of Examination committee of anesthesiology department of TUMS(2012-2013)

Member of Medical Ethic of Iranian Society of Cardiac Anesthesiologists(2007-present)

Member of national scientific Committee of 2th Iranian congress on cardiothoracic and vascular anesthesia .May.13-15.2009.Yazd.Iran

Member of national scientific Committee of 14th congress of Iranian Heart Association.NOv.23-26.2004.Tehran.Iran

Member of national scientific Committee of 15th congress of Iranian Heart Association.Oct.31-Nov.3,2006,Tehran,Iran

Member of national scientific Committee of 16th congress of Iranian Heart Association.Nov.18-21.2008.Tehran,Iran

Member of national scientific Committee of 17th congress of Iranian Heart Association.May.10-13.2011.Tehran.Iran.

### Associations:

Member of Iranian Society of Cardiac Anesthesiology(I.S.C.A) (2006- present)

Member of Iranian society of Anesthesiology and intensive care(1997-present)

Member of Iranian Heart Association (2002- present)

Member of International Anesthesia Research Society(IARS) (2000- present)

### Presentations and publications

#### A)BOOKS:

Critical care handbook of the Massachusetts general hospital .

**Translated by:**R.Farasatkish,G.Mollasadeghi,N.Aghdaii,Z.Faritous,S.Jalali ISBN:978-964-2787-08-1 Iran University of Medical Science Shaheed Rajaei Cardiovascular Medical & research Center 2008

#### B) Abstracts:

1.Sensitivity and Specificity of malampaty criteria and thyromental distance for predicting difficult intubation.Hasani V,**Faritous Z**.12<sup>th</sup> world congress of anesthesiologists ,Montral,Canada,June 4-9,2000

2. Sensitivity and Specificity of malampaty measurement and thyromental distance for predicting difficult airway .Hasani V,**Faritous Z**.6th congress of anesthesiology and intensive care 2000,Isfahan ,Iran

3. Noninvasive positive pressure ventilation in acute respiratory failure. Molla Sadeghi GA, **Faritous Z**, Yazdanian F, Meraji M. 1st International Congress of Intensive Care Medicine, 22-25 Jan. 2002, Tehran, Iran.

4. Reintubation rate and its predictors after cardiac surgical procedures. Yazdanian F, **Faritous Z**, DJalali Motlagh S, I Azarfarin R, Panahipour A, Molla Sadeghi GA.13<sup>th</sup> congress of Iranian heart association in collaboration with the university of viena .oct.8-11,2002,Tehran,Iran.

5. Reintubation rate and its predictors after cardiac surgical procedures. Yazdanian F, **Faritous Z**, DJalali Motlagh S, I Azarfarin R, Panahipour A, Molla Sadeghi GA. 1st International congress of Anesthesiology & perioperative medicine.&7th Iranian congress of anesthesia and critical care,Shiraz,Iran 2-5 OCT.2002.

6. Comparison of early outcomes of coronary artery bypass grafting surgery between men and women. Yazdanian F, Azarfarin R, **Faritous Z**, Panahipour A, Aghdaii N, Djalali Motlagh S. Third Congress of Iranian Society Of Cardiac Surgeons, 23 – 26 Sep, 2003, Tehran, Iran.

7. Impact of gender on in-hospital mortality and morbidity rate after coronary artery bypass grafting surgery. Yazdanian F, h Panahipour A, Aghdaii N, Azarfarin R, **Faritous Z**, Djalali Motlagh S. Third Iranian Congress of Critical Care, October 2003 - Isfahan, Iran

8. Effect of BMI on early outcomes in adult patients undergoing cardiac surgery during ICU stay. Faritus z, Yazdani F, Mollasadeghi GA, Farasatkish R. 4<sup>th</sup> international congress of ICU, 28-30 September 2005, Tehran, Iran.

9. Effect of pleurotomy during CABG on postoperative complications. Faritous z, Toutounchi Z, Farasatkish R, Aghdaei N, Hoseini S. 3<sup>th</sup> Iranian congress of critical care, 22-24 Oct 2003-Isfahan, Iran.

10. A case report of combined left carotid endarterectomy and CABG in a patient with total right carotid and left vertebral arteries obstruction without using cerebral blood perfusion monitoring; Na thiopental could be protective against neurologic sequel. Faritous Z, Nejat R, Farasatkish R, Nadafnia H. 7<sup>th</sup> National congress on cardiovascular update. 17-20 June 2005, Razi conference Hall, Tehran, IRAN.

11. Renal failure in Intensive Care Unit (ICU). Molla Sadeghi GA, Aghdaii N, Yazdani F, Faritous Z, Sadeghpour A, Babaii T. 4<sup>th</sup> International Congress of Intensive Care Unit, 28-30 Sep 2005, Tehran, Iran.

12. The role of intravenous magnesium sulfate on the postoperative delay time for extubation in adult undergoing CABG. Alavi M, Farasatkish R, Heydarpour A, Dabbagh A, Faritus Z, Farahzadi R, Totonchi. 10<sup>th</sup> International congress of cardiothoracic and vascular anesthesia with industrial exhibit. August 27-30, 2006, Prague, Czech Republic

13. Comparison of the analgesic effects of sufentanil and morphine in patient controlled analgesia method after cardiac surgery. Alavi M, Farasatkish R, Faritous Z, Seddighinejaf A, Heydarpour A, Tarbiat M. Iran J Med Sci June 2008; vol 33 no 2, supplement (first Iranian congress of cardiac anesthesia)

14. Postoperative predictors for prolonged intubation and tracheostomy in women after cardiac surgery. Faritous Z, Aghdaii N, Yazdani F, Molla Sadeghi GA, Alavi SM. 16<sup>th</sup> Congress of Iranian Heart Association, Nov. 18-21, 2008, Tehran, Iran.

15. Preoperative and intraoperative determinants for prolonged mechanical ventilation and tracheostomy in women after cardiac surgery. Faritous Z, Aghdaii N, Azarfarin R, Yazdani F, Farasatkish R, Rezazadeh H. Iran J Med Sci June 2008; Vol 33 No 2, Supplement.

16. Short-term postoperative morbidity in diabetic patients undergoing coronary artery bypass graft surgery. Molla Sadeghi GA, Farasatkish R, Sadeghpour A, Aghdaii N, Yazdani F, Faritous SZ, Panahipour A, Givtaji N. Iranian Heart Journal, Supplement 5, 2006.

17. Does central pre-injection of lidocaine prevent arrhythmia during central venous catheterization in cardiac patients? Yazdani F, Faritous, Alavi, Karegar, Maroufi. The second Biannual international heart failure summit. 13-15<sup>th</sup> May 2009

18. Case report: Neonatal abstinence syndrome. Alavi SM, Shibani S, Yazdani F, Faritous SZ, Shabani S, Saravani N. 2<sup>nd</sup> Iranian Congress on Cardiothoracic and Vascular Anesthesia, 13-15 May 2009, Yazd, Iran. 42.

19. The effect of lidocaine for prevention of arrhythmia during central venous catheter insertion in cardiac patients. Yazdani F, Faritous Z, Aghdaii N, Anvaripour A, Maroufi V. 2<sup>th</sup> Iranian congress on cardiothoracic and vascular anesthesia, 13-15 May, 2009, Iran-Yazd.

20. Comparison of valium, gelatin and ringer solution on patients hemodynamic condition during transport to ICU after surgery. Jerineshin H, Farasatkish R, Alavi M, Faritous Z. 2<sup>th</sup> Iranian congress on cardiothoracic and vascular anesthesia, 13-15 May, 2009, Iran-Yazd.

21. The addition of a tramadol infusion to morphine patient-controlled analgesia after coronary artery bypass graft. Farsad F, Faritous SZ, Alavi M, Motamedkhah M, Abedini A. 2<sup>th</sup> Iranian congress on cardiothoracic and vascular anesthesia, 13-15 May, 2009, Iran-Yazd.

22. The effect of patient's age on postoperative hemorrhage following coronary artery bypass grafting procedures. Yazdani F, Faritous SZ, Alavi SM, Naseh N, Bakhshandeh H. 1<sup>st</sup> International Congress of Iranian Society of Cardiac

Anesthesiologists, 10-13 May 2011, Isfahan, Iran.

23. The comparison of renal function in patients undergoing coronary artery bypass grafting: Intraprime, intermittent and none administration of frusemide. **Faritous Z**, Bayat F, Yazdani F. 1st International Congress of Iranian Society of Cardiac Anesthesiologists, 10-13 May 2011, Isfahan, Iran

24. The single dose muscle relaxant in adult CABG: cisatracurium versus pancuronium. 17th congress of Iranian heart association, **Faritous Z**, Sadeghi A, Naghipour B, Dabagh A. 10-13 May 2011, Tehran, Iran.

25. Impact of metabolic syndrome on surgery complication after CABG. Ardeshiri M, **Faritous Z**, Kargar F. 4th international DIABETES update congress. Feb 29-March 2, 2012. Tehran Imam Khomeini Hospital

26. Comparison of magnesium with lidocaine to control hemodynamic responses to endotracheal intubation in patients undergoing coronary artery bypass grafting. Yazdani F, Aghdai N, **Faritous SZ**, Toutounchi MZ, Mesbah M. Iranian Journal of Cardiac Surgery (supplemental issue) October 2012, Vol. 4, No. 4.

27. Comparison of HbA1c and hyperglycemia for predicting of complication after cardiac surgery. **Faritous SZ**, Yazdani F, Toutounchi MZ, Ardeshiri M, Alavi SM, Shirvani M. Iranian Journal of Cardiac Surgery (supplemental issue) October 2012, Vol. 4, No. 4.

#### B) Articles:

1. Sensitivity and specificity of malampati measurements and thyromental distance for predicting difficult intubation. Hasani V, **Faritous Z**. Hormozgan Medical Journal. 2(3)2000 summer

2. Short-term result of Bentall composite aortic root replacement for ascending aorta aneurysm and dissection in Shahid Rajaie Hospital between 1991 to 2001. **Faritous SZ**, Ghodsi M, Hashemi SM. Journal of Iranian Society of Anaesthesiology & Intensive Care 2,(54)2006

3. Effect of pleurotomy during coronary artery bypass grafting on postoperative complications. **Faritous Z**, Toutounchi MZ, Ferasatkish R, Aghdaee N, Hosseini S, Panahipour A. Journal of Iranian Society of Anaesthesiology & Intensive Care 2004; NO 24(42):54-58.

4. Outcome of anesthesia and open heart surgery in pregnant patients. Mahoori A, Farasatkish R, Aghdaee N, **Faritous Z**, Mollasadeghi A, Kashfi F. J The Univ Heart Ctr(2007)21-24

5. Effect of magnesium sulfate on extubation time and acute pain in coronary artery bypass surgery. Ferasatkish R, Dabagh A, Alavi M, Mollasadeghi GA, Hydarpour E, Moghadam A, **Faritous ZS**, Toutounchi MZ. Acta Anesthesiol Scand 2008;52:1348-1352

6. Impact of body mass index on in-hospital mortality and morbidity after coronary artery bypass grafting surgery. Yazdani F, **Faritous SZ**, Molla sadeghi GA, Farasatkish R, Ghaffari Nejad MH, Khamoushi AJ. J The Univ Heart Ctr 2008;3(1):25-30.

7. Neonatal abstinence syndrome: A case report. Alavi SM, Yazdani F, **Faritous Z**, Shaybani S, Shaybani S. Journal of Iranian Society of Anaesthesiology & Intensive Care 2009;66(2,2):69-73.

8. Acute respiratory distress syndrome: Rapid and significant response to volume-controlled inverse ratio ventilation. Aghdai N, **Faritous SZ**, Yazdani F, Reza Zade H. M.E.J. Anesth 2009;20(3):457-60.

9. Cardiovascular responses to orotracheal intubation in patients undergoing coronary artery grafting surgery. Aghdai N, Azarfarin R, Yazdani F, **Faritous SZ**. M.E.J. Anesth 2010;20(6):833-7.

10. Pancuronium versus cisatracurium on extubation time in adult coronary artery bypass grafting surgery. **Faritous SZ**,

Aghdaii N, Naghipour Basmanj B, Yazdanian F, Dabbagh A. Iranian Heart Journal 2010;11(3):19-23.

11. Anesthetic considerations in propionic academia undergoing open cardiac surgery: A case report. Faritus SZ, Ferasatkish R, Saberi K, Alavi M. Journal of Iranian Society of Anaesthesiology & Intensive Care 2010 ; 2 (1)76-81

12. Perioperative risk factors for prolonged mechanical ventilation and tracheostomy in women undergoing coronary artery bypass graft with cardiopulmonary bypass. Faritous z, Yazdanian F, Azarfarin R, Dabbagh A. Saudi journal of anaesthesi VOL 5. Issue 2 , April-june 2011

13. The efficacy of tramadol used with ketamine or morphine in pain control after coronary artery bypass graft surgery. Ferasatkish R, Alavi M, Faritus Z, Totonchi MZ, Anvaripour M. Iranian journal of cardiac surgery 2011,3 (1),32-36

14. Intraoperative magnesium sulfate can reduce narcotic requirement after coronary bypass surgery. Alavi M, Baharestani B, Farsad B, Bakhshande H, Babaee T, Sadeghpur A, Faritus Z, Golpira R . Iranian Heart Journal 2011,12(1)6-11

15. Relationship between gender and in-hospital morbidity and mortality after coronary artery bypass grafting surgery in an Iranian population. Yazdanian F, Azarfarin R, Aghdaii N, Jalali Motlagh S, Faritous Z, Alavi M, Hoseini M. Research in cardiovascular medicine. 2012,1,(1) 17-22

16. Assessing the effect of eliminating maintenance dose of atracurium during coronary artery bypass graft surgery. Faritus Z, Emami A, AIVI M, Ferasatkish R. Iranian journal of cardiac surgery, .2012,4,(2)&4,(3).

17. The efficacy of dopamine on serum lactate level in cardiac surgery patients with EF  $\leq$ 35% Faritous SZ, Amoozegar MR, ... **Pak Heart J** 2013 Vol. 46 (02): 97 - 102

18. Hyperglycemia or hemoglobin A1C: Which one is more associated with mortality and morbidity after coronary artery bypass graft? Faritous z, Ardeshiri M, Yazdanian F, Jalali A, Tutunchi MZ, Azarfarin R. Ann Thorac cardiovascular surg , Advanced published date, 10 MAY 2013

19. Cardiac variables as main of Predictors of endotracheal reintubation rate after cardiac surgery. Yazdanian F, Azarfarin R Aghdaie N, Faritous Z, Jalali Motlagh S, Panahipour A. J The Heart Ctr 2013;8(1):42-47

20. Impact of metabolic syndrome on the mortality and morbidity after cardiac surgery. Ardeshiri M, Faritous Z, .... IN PRESS

21. Intermittent furosemide therapy as a prophylaxis of acute renal failure in CABG patient :is it effective? In press

22. Effect of low-dose dopamine on lactate level in patients undergoing coronary bypass surgery. M. Azarassa, Z. Faritous, A. Jalali, M. Gholampour, G. Massoumi. Iranian Heart Journal, vol 14, N 2 summer 2013

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