

Dr. Simin Azemati, M.D.



**Associated Professor of Anesthesiology and
Critical Care Medicine
Fellowship Cardiac Anesthesiology**

ADDRESS

Present mailing address: Department of Anesthesia, Nemazee Hospital, Nemazee Square.

71345-11351, Shiraz, Iran

Tel. & Fax: +987136474270

E-mail: azamatis@yahoo.com & azemati@sums.ac.ir

PERSONAL DATA

Date and Place of Birth: 8/2/1962, Abadan

Nationality: Iranian

Marital status: Married

Health condition: Good

Language: Persian; Mother Tongue

English; good (Reading, Writing, Speaking)

French (Reading, Writing)

EDUCATION

1980 High School Diploma; Roya High School, Abadan, Iran

1984 - 1991 MD (Doctor of Medicine) Shiraz School of Medicine; Shiraz University of
Medical Sciences, Shiraz, Iran

1996 Certified in Iranian Board of Specialty in Anesthesiology

2012 Fellowship of Cardiac Anesthesiology

FACULTY APPOINTMENT

1998 – 2008 Assistant Professor, Department of Anesthesia, Shiraz University of Medical Sciences, Shiraz, Iran

2008 – Present Associate Professor, Department of Anesthesia, Shiraz University of Medical Sciences, Shiraz, Iran

ACADEMIC APPOINTMENT

Deputy of Research in department of Anesthesia and Critical Care, Shiraz University of Medical Sciences, Shiraz, Iran 2007 - present

CLINICAL EXPERIENCE

1995 – 1997 Staff Anesthesiologist, Norabad, Fars, Iran

1997 – 1998 Staff Anesthesiologist, Raeisi Hospital, Sepidan, Fars, Iran

1998 – Present Faculty of department of Anesthesia, Shiraz University of Medical Sciences, Shiraz, Iran

RESEARCH

1. **S Azemati**, M Keihani, MA Sahmeddini, F Kanaani Nejad, L Dehghanpisheh, MB Khosravi and et al. Comparing the Sedative Effects of Intranasal Dexmedetomidine, Midazolam, and Ketamine in Outpatient Pediatric Surgeries: A Randomized Clinical Trial. In Press. 21 February 2024.
2. **S Azemati**, L Dehghanpisheh, P Vatankhah, S Khademi, M Ghazinour, S Eghdami. Evaluation of the effect of small single intravenous dose of amiodarone on the prevention of arrhythmias in patients who underwent coronary artery bypass graft surgery: A randomized controlled trial. *Journal of Arrhythmia*. 2024; 1–7.

3. G Sabetian , M Ostovan, **S Azemati**, N Asmarian , S Azadikhah, V Naderi-boldaji . The Effect of Patients' Position on Arterial Oxygenation during One-Lung and Two-Lung Ventilation in Thoracic Surgery: Smoker vs. Nonsmoker Patients (A Pilot Study) .Mod Care J. 2024 January; 21(1):e138261.
4. AA Khosravi, **S Azemati**, G Gharaati, M Shirazi, L Dehghanpisheh, N Asmarian. Efficacy of adjuvant dexmedetomidine on penile block for pediatric hypospadias repair. J Pediatr Urol. 2023 Nov 20:S1477-5131(23)00508-9.
5. B Ghasemzade, **S Azemati**, M Jannati, R Asgari. Changes in Arterial-Alveoli Oxygen Gradient during and after Cardiac Surgery in Patients with Congenital Heart Disease. Medical Journal of Dr. D.Y. Patil Vidyapeeth (): June 02, 2023.
6. Z Fattahi-Saravi, V Naderi-Boldaji, A Azizollahi, **S Azemati**, N Asmarian, MB Khosravi. Adequate Anesthesia and More Effective Analgesia by Adjusted Doses of Bupivacaine during Cesarean Section: A Randomized Double-blind Clinical Trial. Iran J Med Sci. In Press. January 2023.
7. **S Azemati**, A Zarghami, R Jouybar, V Naderi-boldaji. Analgesic Characteristics of Bupivacaine Alone and in Combination with Dexmedetomidine or Meperidine in Spinal Anesthesia during Cesarean Section: A Double-Blind Randomized Clinical Trial Study. Pain Research and Management. Vol 2022; Article ID 5111214. 1-7.
8. M Bastani, MB Khosravi, M Shafa, **S Azemati**, B Maghsoodi, E Asadpour. Evaluation of High-Dose Atorvastatin Pretreatment Influence in Patients Preconditioning of Post Coronary Artery Bypass Graft Surgery: A Prospective Triple Blind Randomized Clinical Trial. Ann Card Anaesth. 2021 Apr-Jun; 24(2): 209–216.
9. L Dehghanpisheh, **S Azemati**, M Hamed, Z Fattahisaravi. The effect of 1-mg versus 3-mg granisetron on shivering and nausea in cesarean section: a randomized, controlled, triple-blind, clinical trial. Brazilian Journal of Anesthesiology. Available online 2 April 2021. In Press.
10. L Dehghanpisheh, **S Azemati**, F Feiz, MY Karami. Pre-emptive intravenous paracetamol vs. ketorolac for shoulder pain in cesarean section under spinal

- anesthesia: A randomized double-blind placebo-controlled trial. *Anaesthesia, Pain & Intensive Care*. 2021. 25 (3). 359-366.
- 11.B Ghasemzadeh, B Azizi, **S Azemati**, M Bagherinasab. The effects of dexmedetomidine prescription in paediatric patients with pulmonary hypertension under congenital heart surgery. *Acta Medica Iranica*. 2020; 58(4): 171 – 176.
- 12.**S Azemati**, A Pourali, S Aghazadeh .Effects of adding dexmedetomidine to local infiltration of bupivacaine on postoperative pain in pediatric herniorrhaphy: a randomized clinical trial .*Korean J Anesthesiol*. 2020 Jun; 73(3):212-8.
- 13.F Javaherforoosh zadeh, **S Azemati**. Adjusted tight control blood glucose management in diabetic patients undergoing on pump coronary artery bypass graft. A randomized clinical trial. *J Diabetes Metab Disord*. Published online January 2020.
- 14.F Javaherforoosh Zadeh, **S Azemati**. Correction to: Adjusted tight control blood glucose management in diabetic patients undergoing on pump coronary artery bypass graft. A randomized clinical trial. *J Diabetes Metab Disord*. Published Online: February 2020.
- 15.L Dehghanpisheh, S Bayani, **S Azemati**, M Rakhshan. The effect of intravenous administration of ondansetron compared to aminophylline on incidence and severity of post-dural puncture headache (PDPH) in cesarean section surgeries. *Biomed Res*. **2019; 30. 1-6**
- 16.MR Hadavi, M Beihaghi, F Zand, G Sabetian, **S Azemati**, E Asadpour. A Comparison Between Thiopental Sodium and Propofol for Induction of Anesthesia in Elective Cesarean Section Using Bispectral Index and Isolated Forearm Technique: A Randomized, Double-Blind Study. *Asian J Anesthesiol*. Sep 2019, 57(3):93-100.
- 17.MB Khosravi, **S Azemati**, MA Sahmeddini. Gabapentin versus naproxen in the management of failed back surgery syndrome; a randomized controlled trial. *Acta Anaesthesiol Belg*. 2014; 65(1):31-7.
- 18.A Karami, MB Khosravi, M Shafa, **S Azemati**, S Khademi, SH Akhlagh and et al. Cardioprotective effect of extended remote ischemic preconditioning in patients

- undergoing coronary artery bypass grafting: A randomized clinical trial. Iran J Med Sci. July 2016. 41(4): 265-74.
19. MA Sahmeddini, **S Azemati**, E Masoudi Motlagh. Local infiltration of tramadol versus bupivacaine for post cesarean section pain control: A double-blind randomized study. Iran J Med Sci. May 2017. 42(3); 235-41.
20. F Arbabi Kalati, V Alavi, E Allahyari, B Maghsoodi, **S Azemati**, A Alipour and et al. Frequency of oral mucosal disease in referral patients to dental faculty of Tabriz in 2007. Iran J Epidemiology. 2010. 6(3): 50-6.
21. SH Akhlagh, D Zeighami, MB Khosravi, B Maghsoodi, **S Azemati**, A Alipour. The effect of low-dose of ketamine infusion on stress responses in coronary artery bypass graft surgery. Iranian Cardiovasc Res J. 4(1):2010. 28-32.
22. B Maghsoudi, S Khademi, SH Akhlagh, MB Khosravi, **S Azemati**. Effect of opium addiction on perioperative needs to inotropic agents in coronary artery bypass surgery: A Case-control study. Shiraz E Med J. 13(1):2012. 5-12.
23. **S Azemati**, M Savai, MB Khosravi, E Allahyari, F Jahanmiri. Combination of remifentanyl with isoflurane or propofol: effect on the surgical stress response. Acta Anaesthesiol Belg. 2013; 64(1):25-31.
24. E Allahyari, SR Ghaemei, **S Azemati**. Comparison of six methods for predicting difficult intubation in obstetric patients. Iran Red Crescent Med J. 2008; 10(3):197-204.
25. **S Azemati**, A Gholami Dokouhaki, A Talei, S Khademi, N Moin-Vaziri. Evaluation of the Effect of a Preoperative Single Dose of Gabapentin on Emergence Agitation in Patients Undergoing Breast Cancer Surgery. Middle East J Cancer. 2013; 4(4): 145-51.
26. **S Azemati**, MB Khosravi, A Eghbali. Comparison of the analgesic effect of two drugs indomethacine and Celebrex after transureteral lithotripsy (TUL). J Iran Soc Anaesth Intens Care 2007. 29(57); 44-51.

27. MB Khosravi, M Lahsae, **S Azemati**, MH Eghbal. Intraocular pressure changes after succinylcholine and endotracheal intubation: a comparison of thiopental and propofol on IOP. *Indian J Ophthalmol.* Mar-Apr 2007; 55(2):164.
28. MB Khosravi, S Khezri, **S Azemati**. Tramadol for pain relief in children undergoing herniotomy: a comparison with ilioinguinal and iliohypogastric blocks. *Paediatr Anaesth.* 2006 Jan; 16(1):54-8.
29. **S Azemati**, MB Khosravi. An assessment of the value of rectus sheath block for postlaparoscopic pain in gynecologic surgery. *J Minim Invasive Gynecol.* January 2005. 12(1): 12-15.
30. MB Khosravi, **S Azemati**, N Sheybani. A Comparison of Mg Sulfate, Fentanyl and Lidocain in Attenuating Hemodynamic Responses to Laryngoscopy in Patients with Coronary Artery Disease. *J Guilan University Med Sci.* 2005. 13(52): 1-8.
31. MB Khosravi, M Lahsae, **S Azemati**, MH Eghbal. Comparison of the Effect of Propofol & Thiopental in Prevention of Increased IOP after Endotracheal Intubation. 2004. *Anesthesiology.* 7(21): 191-94.
32. MB Khosravi, **S Azemati**, M Azemati, A Khosravi. The effect of ketamine and fentanyl in reducing the pain of diazepam injection. *Middle East J Anaesthesiol.* 2004 Oct; 17(6):1093-8.
33. **S Azemati**, MB Khosravi, M Ghanei. Comparison of Incidence of Awareness during General Anesthesia with Propofol and Thiopental-Halotan in Cesarean Section Surgeries. *Armaghane Danesh.* 2004, 9(1): 11-8.
34. **S Azemati**, MB Khosravi. **Evaluation of preoperative electrocardiography of patients older than 55 years of age in the year of 2000-2001 in a hospital of orthopedic center A-38.** *Eur J Anaesthesiol:* June 2004. 21(32): 10.
35. F Zand, MR Razavizadeh, **S Azemati**. Comparative study of onset and duration of action of 0.5% bupivacain and a mixture of 0.5% bupivacaine and 2% Iodicaine for epidural anesthesia. *Acta Med Iran.* 2004; 42(4): 256-8.

PARTICIPATION IN MEDICAL CONFERENCES & CONGRESSES

1. Sudden Cardiac Arrest Following Hysteroscopy. The 6th Iranian Congress of Anesthesia and Critical care, 3-5 May 2000.
2. Effect of High Dose of Epinephrine in Cardiac Arrest of Aminotic fluid Embolism. The 6th Iranian Congress of Anesthesia and Critical care, 3-5 May 2000.
3. Comparison of the Effect of Ketamine and fentanyl on pain of Intravenous Diazepam. The 6th Iranian Congress of Anesthesia and Critical care, May 3-5, 2000.
4. Gabapentine in failed back surgery syndrome 7th Asian & Oceanic Society of regional Anesthesia & Pain medicine .5-8 Nov. 2003 Bangkok Thailand. (Poster presentation).
5. Comparison of the effect of Propofol and Thiopental in prevention of increase IOP after Endotracheal intubation .American society of Anesthesiology. 23-27 Sep.2004. (Poster presentation).

MEMBERSHIPS

- ✓ Member, Iranian Society of Anesthesia & Critical Care
- ✓ Member of Board of Anesthesia for Approval of Eligibility in Anesthesia Practice, Shiraz, Iran

AWARDS

Elected as the Best Tutor, Department of Anesthesiology, Shiraz University of Medical Sciences, 2017.

One of the best deputy of research in Shiraz School of Medicine, 2010.