

**Dr. Saeed Khademi, M.D.**

**Associated Professor of**

**Anesthesiology and Critical Care Medicine**

**Cardiac Anesthesiology Fellowship**



## ADDRESS

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## PERSONAL DATA

**Date and Place of Birth:** 8 April 1972, Arsanjan, Iran

**Nationality:** Iranian

**Marital Status:** Married, with two children

**Health Condition:** Good

**Language** Persian; mother tongue

English; good (Reading, Writing, Speaking)

## EDUCATION

1989 High School Diploma: Touhid High School, Shiraz, Fars, Iran

1996 MD (Doctor of Medicine) Shiraz School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran

1999 Certified Iranian Board of Specialty in Anesthesiology

2011 Fellowship of cardiac anesthesia, department of Anesthesia, Shiraz University of Medical Sciences, Shiraz School of Medicine

## ACADEMIC APPOINTMENTS

2002 – 2004 Head of Fasa County Emergency

2004 – 2006 Director of Clinical Education, Fasa, Iran

2006 – 2009 Vice Chancellor for Education, Fasa University of Medical Sciences, Fasa, Iran

2004-2009 Assistant Professor, department of Anesthesia, Fasa University of Medical Sciences, Fasa School of Medicine.

2009 – 2016 Assistant Professor, department of Anesthesia, Shiraz University of Medical Sciences, Shiraz School of Medicine

2014 – 2016 Director of Anesthesiology Training, Khalili Hospital, Shiraz, Iran

2016- continued, Associate Professor, department of Anesthesia, Shiraz University of Medical Sciences, Shiraz School of Medicine

2019 Deputy Director of Anesthesia Department, Shiraz, Iran

## PROFESSIONAL EXPERIENCES

Reviewer, Shiraz E-Medical Journal, 2007 - present

Reviewer, Iranian Journal of Medical Sciences

Member of Editorial Board, IRCHJ, 2008 - 2010

Member of Anesthesiology Research Center, SUMS, Shiraz, Iran, 2016 - Current

Member of the Board & Pre-Board of Directors of the Specialty Degree in Anesthesiology, 2017

## CLINICAL EXPERIENCE

1999-2002                      Staff Anesthesiologist, Emam Khomeini Hospital, Estahban, Iran

2002-2004                      Staff Anesthesiologist, Shariati Hospital, Fasa, Iran

## RESEARCH

1. 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.

2. SMR Hadavi, MA Sahmeddini, **S Khademi**, N Boostani. The Effect of Perioperative Lidocaine during Modified Radical Mastectomy on Postoperative Pain and Immune Response. A randomized clinical trial. Research Square. 2023.
3. **S Khademi**, F Heirany, R Jouybar, L Dehghanpisheh, M Ghazinoor, L Shojaei Mehr. Effect of Albumin Usage during Cardiopulmonary Bypass on Postoperative Acute Kidney Injury in Cardiac Surgery Patients: A Historical Cohort Study. *Ann Card Anaesth*. 2023 Jul-Sep; 26(3):288-294.
4. **S Khademi**, M Zamani Jahromi, M Ghazinoor, AM Farrokhi, MH Bahmani Kazerooni, M Najafi. The effect of pulsatile versus nonpulsatile cardiopulmonary bypass on renal function in patients undergoing coronary artery bypass graft surgery, a randomized controlled trial. medRxiv. February 2023.
5. L Dehghanpisheh, MA Sahmeddini, R Kaboodkhani, K Samadi, **S Khademi**, Z Rafati and et al. Efficacy of Isoflurane-Remifentanil versus Propofol-Remifentanil on Controlled Hypotension and Surgeon Satisfaction in Rhinoplasty: A Single-Blind Clinical Trial Study. *Iran J Med Sci*. In Press. April 2023.
6. R Jouybar, K Zohoori, **S Khademi**, SHA Akhlagh, A Mani, SAR Akhlagh, E Asadpour. The effect of melatonin on cognitive functions following coronary artery bypass grafting: A triple-blind randomized-controlled trial. *J Res Med Sci*. 2023 March 16. 28:14. 1-8.
7. **S Khademi**, R Jouybar, S Ahmadi, N Asmarian, M Ghadimi, M Salari and et al. Hemodynamic Changes After Continuing or Omitting Regular Angiotensin Converting Enzyme Inhibitors Before Cataract Surgery: A Comparative Study. *Curr Hypertens Rev*. 2023 Jan 12.
8. R Jouybar, S Kazemifar, N Asmarian, A Karami, **S Khademi**. Comparison of the effect of melatonin, dexmedetomidine, and gabapentin on reduction of postoperative pain and anxiety following laminectomy: a randomized clinical trial. *BMC Anesthesiology* (2022) 22:318.
9. **S Khademi**, R Jouybar, M Ghadimi, M Razavi, E Shahriary. Effect of Short-Term Use of Sevoflurane on QT Interval in Children Undergoing Eye Surgery. *Sys Rev Pharm* 2022; 13(9): 888-892.
10. **S Khademi**, R Jouybar, M Ghadimi, M Razavi, E Shahriary. Effect of Short-Term Use of Sevoflurane on QT Interval in Children Undergoing Eye Surgery. *Sys Rev Pharm* 2022; 13(9): 888-892.

11. **S Khademi**, M Noorizadeh, N Asmarian, A Akbari, R Jouybar. The Effect of Intraoperative Infusion of Dexmedetomidine on Acute and Chronic Postoperative Pain after Simple Mastectomy: A Randomized Double-Blind Clinical Trial Shiraz E-Med J. In Press (In Press):e118622.
12. **S Khademi**, L Shojaei Mehr, M Janati, R Jouybar, L Dehghanpisheh. Association of urine output during cardiopulmonary bypass and postoperative acute kidney injury in patients undergoing coronary artery bypass graft. *Perfusion*. 2022.
13. R Jouybar, **S Khademi**, S Razmjooie, N Bagheri. Effect of Preoperative Administration of Oral Melatonin on Pneumatic Tourniquet-Induced Ischemia-Reperfusion Injury in Orthopedic Surgery of Lower Extremities: A Randomized Clinical Trial. *Iran J Med Sci*. 2022 Mar; 47(2): 123–130.
14. R Jouybar, M Jannati, **S Khademi**. Pre-surgical use of melatonin and its significance on enhancing prognosis process in patients undergoing cardiopulmonary bypass graft. *Bulletin of Pharmaceutical Sciences*. Assiut. 2021.
15. R Jouybar, M Jannati, **S Khademi**. The effect of melatonin on interleukins 22 and 13 in patients undergoing coronary artery bypass graft surgery with cardiopulmonary bypass: A Clinical Trial. *Research Square*. 2020. In Press.
16. R Jouybar, M Setoodeh, Z Fattahi Saravi, S Ahmadi, A Karami, **S Khademi** and et al. The Effect of Melatonin on the Serum Level of Interleukin 6 and Interleukin 9 in Coronary Artery Bypass Grafting Surgery. *Asian J. Anesthesiol*. 2020. 58(1); 35-44.
17. A Farbood, **S Khademi**, R Tajvidi, M Hooshangi, S Salari, M Ghani and et al. Comparison of Intravenous Regional Anesthesia with Single-Cuff Forearm Tourniquet and Hematoma Block and Traditional Method in Patients with Distal Radius Fractures; A Randomized Clinical Trial *Bull Emerg Trauma*. 2020 Apr; 8(2): 77–82.
18. R Jouybar, S Khademi, S Emami, A Akbari, E Shahriary. Effect of Patient-Physician Communication On Patients' Satisfaction: In A Healthcare Organization In South Of IRAN. *B J Med Heal Sci*. 2020. 2(1); 103-116.
19. **S Khademi**, A Farbood, E Sabokseir, M Ghani. Effect of Pre-operative Oral Gabapentin on Postoperative Pain in Opioiddependent Patients Undergoing Orthopedic Surgeries of the Lower Extremity: A Randomized Double-blind Placebo-controlled Trial. *J Pain Relief*. 2019. 8(1); 1-5.

20. R Jouybar, S Emami, H Kamalipour, **S Khademi**. Effects of pregabalin on postoperative pain and agitation following coronary artery bypass grafting: randomized clinical trial. *Pharmacophore*. 2017. 8(4); 55-61.
21. B Maghsoudi, SMJ Mortazavi, **S Khademi**, P Vatankhah. Evaluation of Radiation Exposure Pattern and Radiation Absorbed Dose Resulting from Occupational Exposure of Anesthesiologists to Ionizing Radiation. *J Biomed Phys Eng*. 2017 Sep; 7(3): 271–78.
22. MR Talebnejad, **S Khademi**, M Ghani, MR Khalili, MH Nowroozzadeh. The Effect of Sub-Tenon's Bupivacaine on Oculocardiac Reflex during Strabismus Surgery and Postoperative Pain: A Randomized Clinical Trial. *J Ophthalmic Vis Res*. 2017 Jul-Sep; 12(3): 296–300.
23. 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*. 2016 Jul; 41(4): 265–274.
24. **S Khademi**, Sh Shahbazi, M Ghazinour, M Rezaee. Relationship between central venous oxygen saturation and post-operative cardiac Troponin I in Coronary Artery Bypass Grafting- Observational prospective study. *Scholar Res Library*. 2016. 8 (20); 151-156.
25. H Kamalipour, A Vafaei, A Parviz Kazemi, **S Khademi**. Comparing the Prevalence of Chronic Pain After Sternotomy in Patients Undergoing Coronary Artery Bypass Grafting Using the Internal Mammary Artery and Other Open-Heart Surgeries. *Anesth Pain Med*. 2014 Aug; 4(3): e17969.
26. S Azemati, A Gholami Dokouhaki, AR 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); 139-143.
27. Sh Shahbazi, **S Khademi**, M Shafa, Ra Joybar, M Hadibarhaghtalab, MA Sahmeddini. Serum Lactate is not Correlated with Mixed or Central Venous Oxygen Saturation for Detecting Tissue Hypo Perfusion During Coronary Artery Bypass Graft Surgery: A Prospective Observational Study. *Int Cardiovasc Res J*. 2013 Dec. 7(4); 130–134.
28. R Jouybar, H Kabgani, H Kamalipour, Sh Shahbazi, E Allahyary, M Rasouli, SH Akhlagh, M Shafa, M Ghazinoor, MT Moeinvaziri, **S Khademi**. The Perioperative Effect of Ascorbic Acid on Inflammatory Response in Coronary Artery Bypass Graft Surgery; A Randomized Controlled Trial Coronary Artery Bypass Graft Surgery. *Int Cardiovasc Res J*. 2012;6(1)13-17.

29. 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. 2012. 13(1); 5-12.
30. **S Khademi**, F Ghaffarpassand, HR Heiran, A Asefi. Effects of Preoperative Gabapentin on Postoperative Nausea and Vomiting after Open Cholecystectomy: A Prospective Randomized Double-Blind Placebo-Controlled Study. Med Princ Pract 2010; 19:57–60.
31. **S Khademi**, F Ghaffarpassand, HR Heiran, MJ Yavari, S Motazedian, M Dehghankhalili. Intravenous and Peritonsillar Infiltration of Ketamine for Postoperative Pain after Adenotonsillectomy: A Randomized Placebo-Controlled Clinical Trial. Med Princ Pract 2011; 20:433–437.
32. **S Khademi**, MA Sahmeddini, R Nikandish, F Ghaffarpassand. Effect of intravenous midazolam premedication on postoperative nausea and vomiting after cataract surgery under general anesthesia. Annals Milit Health Sci Res. 2010. 8(1); 11-15.
33. MA Sahmeddini, **S Khademi**, F Majidi. Comparison of effect of Meperidine and Tramadol Treatment on Postoperative Shivering in Elective Cesarean Section. Razi J Med Sci. 2008. 14(57); 83-90.
34. R Nikandish, B Maghsoudi, **S Khademi**, S Motazedian, R Kaboodkhani. Peritonsillar infiltration with bupivacaine and pethidine for relief of post-tonsillectomy pain: a randomised double-blind study. 2008. 63(1); 20-25.
35. R Nikandish, MA Sahmeddini, **S Khademi**, F Ganji, Soleymanzade S, Habibi N. chronic incisional pain after open appendectomy. J Isf Med Sch. 2007. 24(83); 63-71.
36. Nikandish R, Sahmeddini MA, Khademi S, Avand AQ, Tabatabaee HR. The impact of music on postoperative pain and anxiety following cesarean section. Middle East J Anesthesiol. 2007. 19 (3); 573-586.
37. R Nikandish, **S Khademi**, MA Sahmeddini. Prophylactic effect of low dose dexamethasone on postoperative nausea and vomiting in women undergoing anterior & posterior colporrhaphy (APR): a comparison with saline. J Iran Soc Anaesth Intens Care. 2004. 26(48); 59-63.
38. R Nikandish., M Shamsaldini, **S Khademi**, N Ashkan. A retrospective study of chronic pain after cesarean section. J Iran Soc Anaesth Intens Care. 2005. 27(52); 46-52.
39. R Nikandish, MA Sahmeddini, **S Khademi**. effect of exposure to music on postoperative pain and anxiety after cesarean section under general anesthesia: a double blind

randomized placebo-controlled trial. J Iran Soc Anaesth Intens Care. 2006. 28(53); 50-59.

## **PARTICIPATION IN MEDICAL CONFERENCE & CONGRESSES**

- ✓ The First Iranian workshop of pediatric laparoscopic surgery. On February 23-25, 2011, Shiraz, Iran.
- ✓ A Formative and Collaboration stage with research group of BIO-Engineering, Fetal Surgery and Congenital Malformation in Vall d' Hebron Hospital on September 3-10, 2012 Barcelona, Spain.

## **MEMBERSHIPS**

- Member, Iranian Society of Anesthesia & Critical Care.
- Member, Iranian Medical Council 1994-continued.
- Member, World federation of Society of Anesthesiologist, (W.F.S.A) 2009 - continued.
- Member of the Board of Directors of Shiraz Medical System 2016 – continued

## **INTERESTS**

Volleyball, Internet, Revolution (walking)