

Curriculum Vitae



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Sex and Marital Status: Male, Married.

Birth Date: March 21, 1971- Tabriz-Iran.

CV last edited on: **Jan 1, 2016**

Education:

- 2010-2011** Fellowship certified in Perioperative Echocardiography, Rajaei Cardiovascular Medical & Research Center, Iran University of Medical Sciences, Tehran – IRAN.
- 2002-2003** Fellowship certified in cardiac anesthesia, Rajaei Cardiovascular Medical & Research Center, Iran University of Medical Sciences, Tehran – IRAN.
- 1996-1999** Board certified in anesthesiology, Tabriz University of Medical Sciences, Tabriz-IRAN.
- 1989-1996** General medicine, Tabriz University of Medical Sciences, Tabriz –IRAN.

Licensure:

May 1997 Iranian Permanent Medical Certification License.

Honors/Awards/Grants:

- Fellowship of American College of Cardiology (FACC) from Feb 1, 2013.
- Affiliate member of American Society of Anesthesiologists (ASA) from June 2012.
- Ranked 4th researcher (in surgical science field) in 17th RAZI FESTIVAL with 100,000,000 IRR (8200 US\$) grant (funded by Deputy of Research and Technology, Ministry of Health and Medical Education, Iran) in January 2012.(700/6728, 1391/1/29).
- The selected translation of **the festival of student book of the year** and receiving a commendation tabula from the Islamic parliament speaker, Dr. Haddad Adel (Oct 2004; Azar 1383).
- Ranked 3rd, Written National Exam of Pre-board of Anesthesiology (Iran) in July 1999.

- A patent entitled “Specialized echocardiography probe for Continuous cardiovascular monitoring” registered in **Registration Organization of Deeds and Property of IR Iran** with registration ID: 13915014000304509 on August 21, 2012.

Academic Positions:

- Professor of anesthesiology, Department of anesthesiology, Tabriz University of Medical Sciences, IRAN, July 2013 to present.
- Associate professor of anesthesiology, Department of anesthesiology, Tabriz University of Medical Sciences, IRAN, Feb 2008- June 2013.
- Assistant professor of anesthesiology, Department of anesthesiology, Tabriz University of Medical Sciences, IRAN, 2002- Feb 2008.

Teaching Experiences:

1. Medical students, Faculty of Medicine, Tabriz University of Medical Sciences, Iran. (2003-2012)
2. Anesthesiology residents, Faculty of Medicine, Tabriz University of Medical Sciences, Tabriz, Iran. (2003-2012)
3. Anesthesiology technicians, Faculty of Paramedics, Tabriz University of Medical Sciences, Iran. (2003-2012)
4. Critical care nursing-Master of science-, Rajaei Cardiovascular Medical & Research Center, Iran University of Medical Sciences, Tehran – IRAN. (2012 to present)
5. Extracorporeal perfusion medicine- Master of science-, Rajaei Cardiovascular Medical & Research Center, Iran University of Medical Sciences, Tehran – IRAN. (2012 to present)
6. Anesthesiology residents, Faculty of Medicine, Iran University of Medical Sciences, Tehran, Iran.
7. **Fellowships of cardiac anesthesia, Rajaei Cardiovascular Medical & Research Center, Iran University of Medical Sciences, Tehran – IRAN. (2012 to present)**

Administrative Experiences:

1. Head of Respiratory section, Rajaei Cardiovascular Medical & Research Center, Iran University of Medical Sciences, Tehran – Iran. (Nov, 2014 to present).
2. Deputy of Research, Anesthesiology Department, Faculty of Medicine, Tabriz University of Medical Sciences; from March 15, 2012 to present.
3. **Director of Research Programs, Tabriz University of Medical Sciences. From July 31, 2007- April 20, 2009.**
4. Deputy of Research, Anesthesiology Department, Faculty of Medicine, Tabriz University of Medical Sciences; from Dec 23, 2004 to July 31, 2007.

Editorial Positions:

1. **Associate Editor of "Iranian Heart Journal ". From Nov 2014 to present. (Scopus)**
2. **Associate Editor of journal of "Anesthesiology and Pain Medicine". From January 2013 to present.(PubMed)**
3. **Associate Editor of journal of "Research in Cardiovascular Medicine". From January 2012 to present. (PubMed)**
4. **Associate Editor of "Journal of Cardiovascular and Thoracic Research" From March 2009 to present. (PubMed)**
5. **Member of editorial board in “Archives of Cardiovascular Imaging” journal. From March 2013 to present.**

Refereed Journal Articles:

1. Anatolian Journal of Cardiology (PubMed-ISI)
2. Saudi Medical Journal (PubMed-ISI)
3. Medical Journal of Tabriz University of Medical Sciences
4. Medical Journal of Urmieh University of Medical Sciences
5. Research in Cardiovascular Medicine (PubMed)
6. Journal of Cardiovascular and Thoracic Research (PubMed)
7. Archives of Cardiovascular Imaging
8. Iranian Red Crescent Medical Journal (PubMed-ISI)

9. Journal of Comprehensive Pediatrics
10. Iranian Heart Journal (Scopus)
11. Anesthesiology and Pain Medicine (PubMed)
12. Journal of Research in Medical Sciences (PubMed-ISI)

Research Interest:

Cardiac Anesthesia, Peri-operative Echocardiography, Intensive Care, Acute Pain Management, Anesthesia for Interventional Cardiology and Electrophysiology and enhanced recovery after surgery (ERAS) in which I am highly interested in.

References:

Publications Overview:

- **h-Index = 7 (from 119 citations to my 50 published articles) in SCOPUS citation tracking system.**
(available in URL: <http://www.scopus.com/authid/detail.url?authorId=15764387800>)
- **h-Index = 9 (from 299 citations to my 129 published articles) in Google Scholar citation tracking system**
(available in URL: <https://scholar.google.com/citations?user=GU2h6CYAAAAJ&hl=en&cstart=0&pagesize=20>).

Published Books or Chapters:

1. **Azarfarin R. Anesthesia in Adults with Congenital Heart Disease In: Sadeghpour A, Kyavar M , Alizadehasl A. Comprehensive Approach to Adult Congenital Heart Disease 2014 Springer London pp: 141-147. (ISBN 978-1-4471-6383-1).**

Publications in Peer-reviewed Journals:

1. Heidarnazhad H, Somi MH, **Azarfarin R**, Charsouei S, Akbari M. Prevalence of asthma and atopic states-related symptoms in school, high school and children in Tabriz (ISAAC). Eur Respiratory J 2001; 18: 330-68.
2. Samadikhah J, , Hakim S.H, Aliazdeh Asl A, **Azarfarin R**. Study of the association between activity level at onset of symptoms and patient outcome of first acute myocardial infarction. Medical Journal of the Islamic Republic of Iran; Vol.18, No.4, Winter 1383, Feb 2005: 293-296.
3. ATASHKHOI, S, JAFARI SHOBEIRI M, **AZARFARIN R**. INTRAPERITONEAL AND INCISIONAL BUPIVACAINE ANALGESIA FOR MAJOR ABDOMINAL/GYNECOLOGIC SURGERY: A PLACEBO-CONTROLLED TRIAL. Medical Journal of The Islamic Republic of Iran, Vol. 20, No. 1, 2006, pp. 19-22.
4. Rasooli S, Moslemi F, Parish M, **Azarfarin R**, Fatholahzadeh N. MINIDOSE BUPIVACAINE - FENTANYL SPINAL ANESTHESIA FOR CESAREAN SECTION IN PREECLAMPTIC PARTURIENTS. Medical Journal of the Islamic Republic of Iran , Vol. 20, No. 2, July, 2006, pp. 94-97. (Pubmed)
5. Parvizi R, **Azarfarin R**, Hasanzadeh S. Ultra-low dose aprotinin Effects on reducing the need for blood transfusion in cardiac surgery. Saudi Med J 2007;Vol. 28(1):49-53.(ISI)
6. Ghaffari S, Rajabi N, Alizadeh A, **Azarfarin R**. Predictors of ventricular dysfunction and coronary artery disease in Iranian patients with left bundle branch block. Int J Cardiol. 2008 Nov 12;130(2):291-3 (ISI IF=4.2)
7. Mirinejad Moosa, **Azarfarin Rasoul**, Alizadeh Asl Azin. Cisatracurium in cardiac surgery- continuous infusion vs. bolus administration. Middle East J Anesthesiol. 2007 Oct; 19(3):563-72.(Indexed in Pubmed)
8. Toufan M, Samadikhah J, Alizadeh-Asl A, **Azarfarin R*** , Hakim SH, Yaghoubi A, Farzam S. Measurement of coronary sinus blood flow after first anterior myocardial infarction with transthoracic echocardiography and its correlation with wall motion scoring index. Saudi Med J. 2007 Oct; 28(10):1545-9.(ISI)* Corresponding Author
9. Jahanbakhsh Samadikhah, Seyed Hadi Hakim, Azin Alizadeh Asl, **Rasoul Azarfarin***, Simin Ghaffari, Ahmadali Khalili. Arrhythmia and conduction disorders in acute inferior myocardial infarction with right ventricular involvement. Rawal Med J Dec 2007; 32(2):135-8.* Corresponding Author

10. **Rasoul Azarfarin**, Jahanbakhsh Samadikhah, Azin Alizadeh Asl, Eisa Bilehjani. Preinfarction angina associates with absence of right ventricular infarction after first acute inferior myocardial infarction. *Rawal Med J Jun 2008*; 33(1):43-6.
11. Azin Alizadeh Asl, Rasoul Azarfarin, Azin Alizadehasl, Rezayat Parvizi, Farnaz Sepasi, Shamsi Ghaffari. Surgical management of active infective endocarditis during 1996-2006 in Tabriz, Northwestern Iran. *Iranian Cardiovascular Research Journal 2008 Vol. 1 (3)*: 154-9. (Indexed in Scopus).
12. Ahmad Ali Khalili, Ali Reza Yaghoobi, Rezvanieh Salehi, **Rasoul Azarfarin**. Association between overweight and increased risk of acute Myocardial Infarction *Rawal Med J Jun 2008*; 33(1):25-8.
13. Jahanbakhsh Samadikhah, Seyed Hadi Hakim, Ali Reza Yaghoobi, Rezvanieh Salehi, Azin Alizadeh Asl, **Rasoul Azarfarin**. Effects of Diabetes Mellitus on outcome of patients with first acute Myocardial Infarction. *Rawal Med J Dec 2007*; 32(2):131-4.
14. Salehi R, Alizadehasl A, Alizadeh M, Sayyahmelli M, **Azarfarin R**. Comparison of antiphospholipid antibodies in hypertensive with normotensive pregnant women. *Rawal Med J Dec 2007*; 32(2):173-5.
15. Azin Alizadehasl, **Rasoul Azarfarin**, Farnaz Sepasi. Hypokalemia, arrhythmias and early outcome in acute myocardial infarction. *Research Journal of biological Sciences 2008 3 (9)*: 1130-1132.
16. Azin Alizadehasl, **Rasoul Azarfarin**, Farnaz Sepasi and Shamsi Ghaffari. Clinical and Microbiological Characteristics of Infective Endocarditis. *Research Journal of Biological Sciences 2008 3 (9)*: 1037-1041.
17. Farnaz Sepasi, Azin Alizadehasl, **Rasoul Azarfarin**. Relation between ABO blood groups, cardiovascular risk factors and acute myocardial infarction. *Research Journal of Biological Sciences 2008 3 (9)*: 1060-1062.
18. **Rasoul Azarfarin**, Azin Alizadeh Asl. Arrhythmia in Acute right ventricular Infarction (Letter to Editor). *J Teh Univ Heart Ctr 4 (2007)*: 237. (Indexed in PubMed)
19. Mehrnoush Toufan, Jahanbakhsh Samadikhah, Azin Alizadehasl, **Rasoul Azarfarin**, Seyed Hadi Hakim. Non Invasive Assessment of Myocardial Perfusion after First Myocardial Infarction with Transthoracic Echocardiography. *J Teh Univ Heart Ctr 2 (2007)* 101-104. (Indexed in PubMed)
20. Amir-Abbas Kianfar, Masoud Parish, Jafar Rahimi Panahi, Kamran Shadvar, Isa Bilejani and **Rasoul Azarfarin**. Low-Dose Ketamine for Postoperative Analgesia in Elective Open Cholecystectomy. *Research Journal of Biological Sciences 2008 3 (2)*: 201-205.
21. **Rasoul Azarfarin**, Jahanbakhsh Samadikhah, Azin Alizadeh Asl, Eisa Bilehjani. Preinfarction angina associates with absence of right ventricular infarction after first acute inferior myocardial infarction. *Rawal Med J Jun 2008*; 33(1):43-6.
22. **Azarfarin R**, Alizadeh Asl A. Prevalence and intensity of hyperglycemia in non diabetic patients undergoing off-pump or on – pump coronary artery bypass grafting surgery. *Saudi Medical Journal 2008 Sep;29(9)*:1294-8. (Indexed in PubMed & ISI).
23. **Azarfarin R**, Alizadehasl A. Management of A2B blood group in a patient for hypothermic cardiopulmonary bypass surgery--a case report. *Middle East Journal of Anesthesiology 2009 Feb;20(1)*:101-3. (PubMed)
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25. Azarassa M, **Azarfarin R**, Changizi A, Alizadeh Asl A. Substance use among Iranian patients undergoing cardiac surgery. *Anesthesia & Analgesia.2009 Nov;109(5)*:1553-9. (PubMed & ISI, IF=3.24)
26. Fakhari S, Bilehjani E, **Azarfarin R**, Kianfar AA, Mirinazhad M, Negargar S. Anesthesia in adult cardiac surgery without maintenance of muscle relaxants: a randomized clinical trial. *Pak J Biol Sci. 2009 Aug 15;12(16)*:1111-8. (Pubmed)
27. Hakim SH, Samadikhah J, Alizadehasl A, **Azarfarin R**. Chronobiological rhythms in onset of massive pulmonary embolism. *Middle East Journal of Anesthesiology. 2009 Oct. Vol 20, No. 3*: 369-376. (Pubmed)

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29. Soltani Z, Samadikhah J, **Azarfarin R**, Hashemi B, Nezami N. Effects of glucose-insulin-potassium solution on acute myocardial infarction outcome in patients received streptokinase according to Killip classes. *Anadolu Kardiyol Derg.* 2010;10(4):372-5. doi: 10.5152/akd.2010.098. (PubMed & ISI)
30. Aghdaii N, **Azarfarin R***, Yazdanian F, Faritus SZ. Cardiovascular responses to orotracheal intubation in patients undergoing coronary artery bypass grafting surgery. Comparing fiberoptic bronchoscopy with direct laryngoscopy. *Middle East J Anesthesiol.* 2010 Oct;20(6):833-8.*Corresponding author (Indexed in Pubmed)
31. Mahin Seyedhejazi, **Rasoul Azarfarin***, Fahime Kazemi, Maryam Amiri. Comparing caudal and penile nerve blockade using bupivacaine in hypospadias repair surgeries in children. *African Journal of Paediatric Surgery* 2011(8)3: 294-297 *Corresponding author. (Pubmed)
32. **Azarfarin R**, Sheikhzadeh D, Mirinazhad M, Bilehjani E, Alizadehasl A. Do nondiabetic patients undergoing coronary artery bypass grafting surgery require intraoperative management of hyperglycemia? *Acta Anaesthesiol Taiwan.* 2011 Jun;49(2):41-5. Epub 2011 Jun 24.
33. Azin Alizadehasl, Zahra Golmohammadi, Laleh Panjavi, Mahmood Moradi, **Rasoul Azarfarin**, The Incidence of Anemia in Adult Patients With Cardiovascular Diseases in Northwest Iran. *J Pak Med Assoc.* 2011 Nov;61(11):1091-5.
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37. Alizadehasl A, **Azarfarin R**, Sadeghpour A, Maleki M. Sex proportion of offspring in mothers with cardiac disease. *Anadolu Kardiyol Derg.* 2012 Apr 13. doi: 10.5152/akd. 2012.109. (PubMed).
38. Ziyaeifard M, **Azarfarin R***, Massoumi GR. A Comparison of Intraocular Pressure and Haemodynamic Responses to Insertion of Laryngeal Mask Airway or Endotracheal Tube Using Anaesthesia with Propofol and Remifentanyl in Cataract Surgery. *Journal of Research in Medical Sciences* 2012 Vol 17, No 6:503-507. (Indexed in ISI). *Corresponding author
39. Alireza Yaghoubi, Zahra Golmohamadi, Azin Alizadehasl, **Rasoul Azarfarin**. Role of platelet parameters and haematological indices in myocardial infarction and unstable angina. *J Pak Med Assc* Vol. 63, No. 9, September 2013: 1133-1138. [PubMed]
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41. Samadikhah J, Broomandan F, Aliazdeh Asl A, Hakim S.H, **Azarfarin R**, Prognostic significance of atrial fibrillation after first acute myocardial infarction, *Iranian Heart Journal*, 2002; Vol3, No.2&3: 44-48. (Scopus)
42. **Azarfarin R**, Bilejani I, Farasat-Kish R, Heydarpur A, Mollasadeghi G, Fluid balance and weight change after open heart surgery. *Iranian Journal of anesthesiology and Intensive care*, 2003; Vol.22, No.40: 24-32.
43. Aghdaii N, Farasatkish R, **Azarfarin R**, Mollasadeghi G Which anesthetic drug regimen is suitable for CABG surgery: Propofol-atracurium or propofol-pancuronium? *Iranian Heart Journal* 2003, 3(4) & 4(1): 25-28.

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45. Moslemi Tabrizi F, Rassooli S, Atash Khoii S, **Azarfarin R**. The effect of intravenous nitroglycerin on uterine relaxation in emergency cesarean section. *Research & Scientific Journal of Ardabil University of Medical Sciences & Health Services*. Jun-Sep 2004 ; Vol.3, No.12:41-47.
46. Rahimi Panahi J.R. Mahmoodpur A, Negargar S, **Azarfarin R**. The effect of order of injection of propofol and remifentanyl on hemodynamic changes during induction of anesthesia .*Research & Scientific Journal of Ardabil University of Medical Sciences*. Summer 2005, Vol.5, No.2: 142-5.
47. Mirinejad M, Jodatti A, Saffaie N, **Azarfarin R**, Bilejani I. Early extubation following coronary artery bypass graft surgery propofol versus midazolam. *Medical Journal of Tabriz University of Medical Sciences & Health Services*; Vol. 27 No. 2, Summer 2005: 77-81.
48. Barzegar M, Jafari Roohi A, **Azarfarin R**. Childhood status epilepticus: a study on its etiology, management and early outcome. *Medical Journal of Tabriz University of Medical Sciences* Winter 2006 27(2): 23-27.
49. Atashkhooii S, **Azarfarin R**, Fardiazar Z. The Effect of Succinylcholine dosage on the Rate and Postoperative Severity of Postoperative Muscular Fasciculation and Pain. *Research & Scientific Journal of Ardabil University of Medical Sciences*. Autumn 2007, Vol.7, No.3: 142-5.
50. Atashkhooii S, **Azarfarin R**, Mostafa Gharebaghi P. Effects of spinal anesthesia with low dose of lidocaine plus fentanyl on maternal hemodynamic stte in severe pre-eclampti patients undergoing cesarean section. *The Iranian Journal of Obstetric Gynecology and Infertility* Vol. 11, No.1 Spring 2008: 1-5.
51. Kiani A, Aghdaii N, **Azarfarin R**, Farasatkish R, Naddafnia M. Evaluation of prolong effect of opium on cardiac function in coronary artery bypass graft surgery. *Journal of Iranian Society of Anaesthesiology & Intensive Care*. 2008, Vol. 28. No.60: 60-64.
52. Sosan Rasooli, Farnaz Moslemi Tabrizi, Masud Parish, **Rasoul Azarfarin**. Comparison of Hemodynamic Changes in Healthy Parturients and Preeclamptic Patients Undergoing Cesarean Section with Spinal Anesthesia. *Medical Journal of Tabriz University of Medical Sciences & Health Services*; 30(4) 2008: 37-42.
53. Rezvaniyeh Salehi, Azin Alizadeh Asl, Aliraza Salehi, **Rasoul Azarfarin**. The changes of cardiac troponin I and creatine kinase MB isoenzyme after percutaneous transluminal coronary angioplasty. *Journal of Cardiovascular and Thoracic research*. 2009 Vol. 1 (1): 11-15.
54. Solmaz Fakhari ,Eisa Bilehjani, Sohrab Negargar, Moussa Mirinazhad, **Rasoul Azarfarin**. Split Endotracheal Tube as a Guide Tube for Gastric Tube Insertion in Anesthetized Patients: A Randomized Clinical Trial. *Journal of Cardiovascular and Thoracic research*. 2009 Vol. 1 (1): 17-22. (PubMed)
55. **Rasoul Azarfarin**, Azin Alizadeh Asl, Amir Abbas Kianfar, Moosa Mirinejad, Eisa Bilejani. Diagnostic value of "base deficit" in arterial blood gas analysis in comparison with hyperlactatemia as an indicator of tissue hypoperfusion in cardiac surgery. *Iranian South Medical Journal*. September 2009, Vol. 12, No. 2: 119-125.
56. Yaghoubi A, Farzam S , Pezeshkian M , Golmohammadi Z ,Babak Nasiri ,**Rasoul Azarfarin**, Nouri M,Naser Safaie ,Azin Alizadehasl. Comparison of Oxidative Stress Content During On-pump and Off-pump Coronary Artery Bypass Surgery. *Journal of Cardiovascular and Thoracic research*. 2009 1 (3):29-34. (PubMed)
57. Mirinazhad M, **Azarfarin R** , Bilehjani E. The Effect of Acute Normovlumi Hemodilution in Reducing Allogenic Red Blood Cell Transfusion During and After Cardiac Surgery *J Cardiovasc Thorac Res* 2009 Vol. 1 (3): 35-42. (PubMed)
58. Yaghoubi A, Khalili Aa, Imani Sh, Akbarzadeh F, **Azarfarin R**, Pezeshkian M, Safaei N.,Rostamzadeh M. Pregnancy And Bioprosthetic Valve Survival: Concerns About Birth Defects. *J Cardiovasc Thorac Res* 2009; 1(1):23-27. (PubMed)
59. Alizadehasl A, Yagoubi A, **Azarfarin R***, Golmohamadi Z. Serum Levels of Copper and Zinc in Patients with Acute Coronary Syndrome. *J Cardiovasc Thorac Res* 2010; Vol.2 (3):1- 4. (PubMed) *Corresponding author

60. Azin Alizadehasl, Jahanbakhsh Samadikhah, Zahra Golmohammadi, **Rasoul Azarfarin**. Comparison of serum Homocysteine concentrations between smoker and nonsmoker patients with acute coronary syndrome in Tabriz, Madani Hospital during 2008-2009. *J Cardiovasc Thorac Res* 2011; Vol.2 (4): 27-30.
61. Jahanbakhsh Samadikhah, Rezvanieh Salehi, **Rasoul Azarfarin***, Haleh Salehi Pourmehr. The Effect of Left Atrium Size on Patients' Outcome after Acute Myocardial Infarction. *Medical Journal of Tabriz University of Medical Sciences & Health Services*; Vol. 33 No. 1, Spring 2011:32-36.*Corresponding author
62. Azin Alizadehasl, Bahram Mohebbi, Mehrnoush Toufan, Maryam Esmaeilzadeh, Ali Hosseinsabet, **Rasoul Azarfarin**, Arash Hashemi Fragmented Qrs Complex In Acute Anterior Myocardial Infarction And Coronary Sinus Blood Flow: Is There Any Relevance? *Iranian Heart Journal* 2011; 12 (2):23-25. (Scopus)
63. Nasser Safaei, Hossein Montazerghaem, **Rasoul Azarfarin**, Azin Alizadehasl3 and Hossein Alikhah. Radiofrequency Ablation for Treatment of Atrial Fibrillation. *BiolImpacts*, 2011, 1(3), 171-177. (PubMed)
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65. Azin Alizadehasl, **Rasoul Azarfarin***, Arash Hashemi, Fa'egheh Tajallaei. New Aspects of Family History of Heart Disease as a Risk Factor for Coronary Artery Disease in Patients with Acute Myocardial Infarction. *Iranian Heart Journal* 2011; 12 (3):6-11.*Corresponding author (Scopus)
66. Bahman Naghipour, **Rasoul Azarfarin***, Samad Golzari, Moussa Mirinazhad, Eissa Bilehjani, Negargar S. Cost-Effectiveness of Intraoperative Transesophageal Echocardiography in Cardiac Valve Surgery. *Journal of Cardiovascular and Thoracic Research*, 2011, 3(3), 79-81. (PubMed) *Corresponding author
67. Rasooli S, Farnaz Moslemi ,Seddighe Abdolahi, Hamzeh Hoseinzadeh, **Rasoul zarfarin**. The Comparative Study between the Classic Laryngeal Mask Airway and the Endotracheal tube for Diagnostic Gynecologic Laparoscopy. *Medical Journal of Tabriz University of Medical Sciences* 2012 Vol.33, No.6 :56-61.
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70. **Azarfarin R**, Samadikhah J, Shahvalizadeh R, Golzari SEJ. Evaluation of anthropometric indices on left ventricular dysfunction following acute anterior myocardial infarction. *J Cardiovasc Thorac Res* 2012; (4)1:11-15. (PubMed)
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Research Projects:

1. Atash Khoie Simin, **Azarfarin Rasoul**. Effect of N2O on hypercarbia enhancement during laparoscopy, and increasing of nausea and vomiting after gynecologic laparoscopy. TBZ UMS
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Books Translated (English to Persian):

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Supervision of Thesis:

1. The effect of blood glucose control with insulin on hyperglycemia during and after coronary artery bypass surgery in non-diabetic patients. By **Daryoush Sheikhzadeh MD**. 2009 (For Specialty Degree in Anesthesiology) Thesis No: 86/3-6/7
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3. Effectiveness of nursing training on preoperative care in terms of level of anxiety, quality of sleep, fasting time and continuing of cardiac medication the night before cardiac surgery. By **Hoda Jorfi BS**. Feb 2014 (For Master of Science Degree in Critical Care Nursing) Thesis No: پ/۹۳/۲
4. Determination of Factors Influencing Prolonged ICU Stay (more than 4 days) After adult cardiac Surgery. By **Nasibeh Ashouri BS**. May 2014 (For Master of Science Degree in Critical Care Nursing) Thesis No: پ/۹۲/۲۶

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Advisor of Thesis:

1. Comparison between the continuous infusion and intermittent administration of cisatracurium in cardiac surgery for determination of total intraoperative dose and recovery time. By **Kamal Hejazi MD** 2004. (For Specialty Degree in Anesthesiology)
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3. Measurement of coronary sinus blood flow after first anterior myocardial infarction with transthoracic echocardiography and study of its association with wall motion scoring index. By **Azin Alizadehasl MD** 2005. (For Specialty Degree in Cardiology)
4. Studying of correlation between cerebral oxygen saturation changes during cardiac surgery and postoperative neurologic complications. By **Reza Taheri MD** 2005. (For Specialty Degree in Anesthesiology)
5. Comparison of myocardial protection of antegrade and retrograde cardioplegin injection in cardiac surgery. By **Ahmad Ali Khalili MD** 2005. (For Subspecialty Degree in Cardiac Surgery)
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9. Association between diabetic retinopathy and left ventricular dysfunction in diabetic patients with unstable angina. By **Snaz Nematzadeh Pakdel MD**. 2011 (For Specialty Degree in Cardiology) Thesis No: 88/3-2/12
10. Comparing the efficacy of bupivacain and fentanyl in preemptive with preventive epidural anesthesia in patients undergoing major gynecologic abdominal surgeries. By **Alireza Azari Kalajahi MD**. 2012 (For Specialty Degree in Anesthesiology) Thesis No: 89/3-7/4
11. Evaluation of anthropometric indexes on left ventricular dysfunction following first acute anterior myocardial infarction. By **Roya Shahvalizadeh MD**. 2012 (For Specialty Degree in Cardiology) Thesis No:89/3-4/3
12. Relationship of epicardial adipose tissue by echocardiography and coronary artery disease. By **Boshra Sadati MD**. 2012 (For Specialty Degree in Cardiology) Thesis No: 89/3-2/4
13. Effect of premedication with midazolam and ketamine on success rate of caudal block in neonates undergoing lower abdominal surgery. By **Majed Mashhori MD** 2015 (For Specialty Degree in Anesthesiology) Thesis No: 94/3-7/4
14. Relationship between level of stressors with coping responses in the cardiac intensive care nurses in Rajaei cardiovascular medical and research center. By Maryam **Barzegar Shalimaki BS**. Feb 2014 (For Master of Science Degree in Critical Care Nursing) Thesis No: 31/92۳۳
15. Comparison of efficacy of normal saline with heparinized saline in maintaining patency of arterial and central venous catheters after cardiac surgery. By **Ghodrat Gholbargian BS** Feb 2015 (For Master of Science Degree in Critical Care Nursing) Thesis No: 10/93۳۳
16. The effect of white noise on stress and anxiety in patients admitted to the CCU in Rajaei cardiovascular center. By **Azam Mahmoudi BS** Feb 2015 (For Master of Science Degree in Critical Care Nursing)Thesis No: 11/93۳۳

17. Assessment of nursing practice in following standards of storage, preparation and administration of blood in open heart ICU of Rajaei hospital. By **Manijeh Ahani BS** March 2015 (For Master of Science Degree in Critical Care Nursing) Thesis No: 7/93 پ پ
18. Comparing bispectral index monitoring (BIS) with critical care pain observation tool (CPOT) and vital signs changes in pain assessment in intubated patients. By **Arvin Barzani BS** March 2015 (For Master of Science Degree in Critical Care Nursing) Thesis No: 5/93 پ پ
19. Effect of preferred music listening on pain reduction in mechanically ventilated patients after coronary bypass surgery in Rajaei hospital, Tehran. By **Somayeh Karkhaneh BS** Jul 2015 (For Master of Science Degree in Critical Care Nursing) Thesis No: 22/93 پ پ

Skills:

SPSS 22.0 for Windows statistical package.

ICDL Certificate in:

Microsoft Excel;

Microsoft PowerPoint;

Microsoft Word.

Member of Associations:

American Society of Anesthesiologists (ASA)

American College of Cardiology (ACC)

World Federation of Anesthesiology Societies.

Iranian Society of Anesthesiology & Intensive Care.

Iranian Society of Cardiac Anesthesiologists (A member of the board of directors of) (2005).

Iranian Center of Evidence Based Medicine

Iranian Heart Association

Iranian Society of Echocardiologists