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**Associate Professor of
Anesthesiology**



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Educatin:

Tehran University , Tehran, Iran (1983-1990), Medicine
Affiliated hospitals of Tehran University (1988-1990), Internship
Anesthesiology : Affiliated hospitals of Tehran University, Tehran, Iran (1990-1993),
Residency
Board in Anesthesiology (1994), Board Certification

Professional Employment:

- Assistant Professor of Anesthesiology, Iran University of Medical Sciences, 1996-2004
- Associated Professor of Anesthesiology, Iran University of Medical Sciences 2004- present
- Member of Anesthesiology Committee in Legal Medicine Organization, Islamic Republic of Iran 2002- present
- Member of Mortality Morbidity Committee of Shahid Rajaii Center 1998- present
- Member of Iranian Society of Anesthesiology& Intensive Care 2000- present
- Member of Iranian Heart Association 1998- present
- Member of Iranian Society of Cardiac Anesthesiology (I.S.C.A) 2007- present
- Member of Cardiovascular Research Department of Shahid Rajaie Heart Center 2007-2010
- Member of the Examination and Assessment Board for Anesthesia 2006-present
- Head of ICU, Shahid Rajaie Heart Center 2007-2010

- Responsible of fellowship training in charge of cardiac anesthesia 2010- 2013
- Head of operating room 2011- 2013
- Member of the committee on administrative offenses shahid Rajai Heart Center 2014-Present.

Fields of Interest:

Cardiac Anesthesiology

Publications (Books and Papers)

A) Abstracts:

1. N.Aghdaii, E.Heydarpour, A.Dabbagh, Methadone: A Safe Effective Drug in Addict CABG cases, Supplement Iranian Heart Journal 12th Congress of Iranian Heart Association ,Oct 2000.
2. N.Aghdaii, A.Shahmohamady, R.Farasatkish, Accuracy of Pulse Oxymetry in Children with Cyanotic Congenital Heart Disease, MINERVA ANESTESIOLOGICA, 11th European Congress of Anesthesiology (CENSA), 5-9 June.
3. Mollasadeghi, R.Farasatkish, E.Heydarpour, N.Aghdaii, Study of Infection in Chronic Ventilator Dependent Patients in Shahid Rajaii Heart Hospital GA, The First Iranian Congress of Critical Care, Feb 2001; 19.
4. Mollasadeghi, R.Farasatkish, N.Aghdaii, E.Heydarpour, CABG in Kidney Transplanted Spinal Cord Injured Handicapped Patients GA. International Conference Kuwait University Faculty of Medicine, March 2001.
5. R.Farasatkish, E.Heydarpour, N.Aghdaii, GA.Mollasadeghi, Valvular Heart Disease and General Anesthesia, MINERVA ANESTESIOLOGICA 11th European Congress of Anesthesiology (CENSA), June 2001.
6. E.Heydarpour, GA.Mollasadeghi, R.Farasatkish, N.Aghdaii, Post Cardiac Surgery ICU Management (PCSICU), The First Iranian Congress of Critical Care, Feb 2001; 202.
7. GA.Mollasadeghi, R.Farasatkish, N.Aghdaii, E.Heydarpour, Study of Infections Associated With Cardiac Surgical ICUs, 11th European Congress of Anesthesiology (CENSA), June 2001.
8. GA.Mollasadeghi, R.Farasatkish, E.Heydarpour, M.Meraji, N.Aghdaii, Comparison Between IV Anesthesia Techniques in Pediatric Artery Closure, Iranian Heart Journal, 13th Congress of Iranian Heart Association, Oct 2002; 160.
9. R.Farasatkish, GA.Mollasadeghi, N.Aghdaii, How We Manage Smoke Inhalation Patients? Iranian Burn Congress, 2002.
10. N.Aghdaii, R.Farasatkish, GA.Mollasadeghi, E.Heydarpour, Comparison of Inotropic Requirements for Patients Under Open Heart Surgery with Two Different Anesthetic Drugs, Iranian Heart Journal, 13th Congress of Iranian Heart Association, Oct.2002. International Congress of Anesthesiology & Perioperative Medicine, Oct 2002.
11. F.Yazdani, A.Panahipour, E.Heydarpour, N.Aghdaii, GR.Omrani, Early Extubation After CABG Improves Morbidity but Not LOS and Mortality, Iranian Heart Journal, 13th Congress of Iranian Heart Association, Oct 2002. International Congress of Anesthesiology & Perioperative Medicine, Oct 2002.
12. MS.Ghiasi, R.Farasatkish, N.Aghdaii, E.Heydarpour, Comparison Bleeding in Normothermic-Normotensive and Hypothermic-Hypotensive Patients After CABG Surgery . International Congress of Anesthesiology & Perioperative Medicine, Oct 2002.

13. Z.Faritus, Z.Totonchi, R.Farasatkish, N.Aghdaii, S.Hoseini, A.Panahipour, Effects of Pleurotomy during CABG on Post-Operative Complications, Third Iranian Congress of Critical Care, Oct 2003.
14. GA.Mollasadeghi, R.Farasatkish, F.Yazdani, N.Aghdaii, Causes of Re-Admission of Patients after Open Heart Surgery in Shahid Rajaii Heart ICU in, 2002.
15. F.Yazdani, R.Azarfarin, Z.Faritus, A.Panahipour, N.Aghdaii, Comparison of Early Outcomes of CABG Surgeries in Males and Females, 3th Congress of Iranian Society of Cardiac Surgeons, Oct 2003.
16. F.Yazdani, A.Panahipour, N.Aghdaii, R.Azarfarin, Z.Faritus, S.Djalali Motlagh, Impact of Gender on In-hospital Mortality and Morbidity Rate after CABG Surgery, 3th Iranian Congress of Critical Care, Oct 2003: 139.
17. N.Aghdaii, R.Farasatkish, F.Yazdani, Is Propofol Effective on Post Operative Analgesic Requirement of Patients under CABG in ICU?, 3th Iranian Congress of Critical Care, Oct 2003;133.
18. GA.Mollasadeghi, R.Farasatkish, F.Yazdani, N.Aghdaii, A.Sadeghpour, Survey of Causes of Re-Admission to the ICU after Cardiac Operation during The Same Hospitalization during 1381, 3th Iranian Congress of Critical Care, Oct 2003; 4.
19. AH.Zokaii, R.Farasatkish, E.Heydarpour, N.Aghdaii, Comparative Study Between Propofol and Midazolam in Cardiac Anesthesia for Patients under CABG Surgery , 3th Iranian Congress of Critical Care, Oct 2003 ; 55.
20. AR.Mahouri, N.Aghdaii, Z.Faritus, R.Farasatkish, Anesthesia in Open Heart Surgery during Pregnancy and It's Complications, 6th National Congress on Cardiovascular Update, June 2004 ; 4.
21. GH.Mollasadeghi, M.Meraji, R.Farasatkish, N.Aghdaii, A.R.Mahoori, A.Sadeghpour, Monitored Anesthesia care for Transcatheter Closure of ASD Using The Amplatzer Septal Occluder, 14th Congress of Iranian Heart Association Nov 2004. Tehran, Iran.
22. R. Farasatkish, KH.Heidari, A.Hemmat, N.Aghdaii, GH.Mollasadeghi, Suitable Time of Tracheal Intubation after Neuromuscular Injection, 2nd International Congress of Anesthesiology & Intensive Care, Feb 2005,Tehran-Iran.
23. N.Aghdaii, R.Farasatkish, R.Azarfarin, GH.Mollasadeghi, Can Preoperative Anesthesia Consultation Clinic Help to Reduce OR Cancellation Rate on the Day of Surgery, 2nd International Congress of Anesthesiology & Intensive Care, Feb 2005,Tehran-Iran.
24. GH.Mollasadeghi, R.Farasatkish, A.Sadeghpour, M.Meraji, N.Aghdaii, Survey of Immediate Body Temperature upon Arrival in the Cardiac Surgery ICU, 2nd International Congress of Anesthesiology & Intensive Care, Feb 2005,Tehran-Iran.
25. AR.Mahouri, N.Aghdaii, Z.Faritus, R.Farasatkish, Anesthesia in Open Heart Surgery during Pregnancy and It's Complications, 2nd International Congress of Anesthesiology & Intensive Care, Feb 2005,Tehran-Iran.
26. GH.Mollasadeghi, N.Aghdaii, F.Yazdani, Z.Faritus, A.sadeghpour, T.Babaii, Renal Failure in Cardiac Surgery Intensive Care Unit (ICU), 4th International Congress of Intensive Care Medicine, Sept 2005, Tehran, Iran.
27. GH.Mollasadeghi, R.Farasatkish, A.Sadeghpour, N.Aghdaii, F.Yazdani, S.Z.Faritus, A.Panahipour, N.Givtaji, Short-Term Postoperative Morbidity in Diabetic Patients Undergoing CABG Surgery, 15th Congress of Iranian Heart Association, Oct / Nov 2006, Tehran, Iran.
28. F.Yazdani, N.Aghdaii, C.Shadvar, A.A.Kianfar, Management of an Unusual Complication with Central Venous Catheter after an Open Heart Surgery, 5th International Congress of the Society of Cardiac Surgeons, Nov 2007, Tehran, Iran.
29. R. Farasatkish ,N. Aghdaii, H. Jarineshin, A. Sedighinejad, M.Kabiri, M. Hasanpourdargah, Changes in blood lactate and glucose levels during CPB in patients undergoing CABG surgery, First Iranian Congress of Cardiac Anesthesia, May 2008, Shiraz, Iran.
30. Z.Faritus, N.Aghdaii, R.Azarfarin, F.Yazdani, R.Farasatkish, Preoperative and intraoperative predictors for prolonged intubation and tracheostomy in women after cardiac surgery, First Iranian Congress of Cardiac Anesthesia, May 2008, Shiraz, Iran.

31. Z.Faritus, N.Aghdaii, F.Yazdani, A.Mollasadeghi, S.M.Alavi, Postoperative predictors for prolonged intubation and tracheostomy in women after cardiac surgery, 16th Congress of Iranian Heart Association, Nov 2008, Tehran, Iran.
32. . F.Yazdani, Z.Faritus, N.Aghdaii, A.Anvaripour, V.Maroufi, The effect of lidocaine for prevention Arrhythmia during central venous catheter insertion in cardiac patients, 2nd Iranian Congress on Cardiothoracic and Vascular Anesthesia, May 2009, Yazd, Iran.
33. M.Kabiri, N.Aghdaii, H.Jarineshin, M.H.Ghafarinejad, Role of cell saver blood on coagulation and blood loss after cardiac surgery, 2nd Iranian Congress on Cardiothoracic and Vascular Anesthesia, May 2009, Yazd, Iran.
34. F.Bayat, N.Aghdaii, F.Yazdani, H.Bakhshande, K.Raissi, N.Samiei, Does severe pulmonary hypertension before mitral valve replacement increase hemodynamic instability and intubation time after operation? 1st International Congress of Iranian Society of Cardiac Anesthesiologists, May 2011, Isfahan, Iran.
35. F.Yazdani, N.Aghdaii, M.Toutounchi, N.Naseh, Preoperative clopidogrel exposure and postoperative bleeding after coronary artery bypass grafting, 1st International Congress of Iranian Society of Cardiac Anesthesiologists, May 2011, Isfahan, Iran.
36. K.Saberi, Z.Faritus, R.Farasatkish, M.Alavi, N.Aghdaii, GH.R.Massoumi, A case study and anesthetic implication of propionic acidemia, 1st International Congress of Iranian Society of Cardiac Anesthesiologists, May 2011, Isfahan, Iran.
37. F.Yazdani, N.Aghdaii, I.Ghandi, M.Ghoreishi, M.Ghorbanloo, Comparison of dexamethasone alone with dexamethasone plus midazolam for the prevention of postoperative nausea and vomiting in adult patient undergoing coronary artery surgery, 1st International Congress of Iranian Society of Cardiac Anesthesiologists, May 2011, Isfahan, Iran.
38. N.Aghdaii, F.Yazdani, Seyedeh Zahra Faritus, Is propofol effective on postoperative analgesic requirement of patients intubated/ ventilated after CABG? Comparison with midazolam, 5th International Congress of Interventional Pain Medicine. 7th Annual ISRAPM Congress, Oct 2014, Tehran, Iran.

B) Articles:

1. GA.Mollasadeghi, R.Farasatkish, N.Aghdaii. Cardiac Tamponad after Insertion of Central Venous Catheter during Surgery. Iranian Journal of Anesthesiology & Intensive Care. 1999; 20:3.
2. N.Aghdaii, A.Mahfouzi, Z.Hussainkhan, K.Ghazi Saidi. The Effect of Anesthetics on Blood Glucose Concentration during CPB. Journal of Medical Council of Islamic Republic of Iran. 2000; 17(4): 291.
3. GA.Mollasadeghi, E.Heydarpour, R.Farasatkish, N.Aghdaii. Effect of Apnea and Head Position on the Location of Catheters Inserted Via Basilic Veins. Iranian Heart Journal. 2000; 1(2).
4. GA.Mollasadeghi, R.Farasatkish, N.Aghdaii. Can You Get Hemodynamic Stability with Total Intra Venous Anesthesia for CABGSurgery?. Journal of Iran University of Medical Sciences. 2001;7(22):310.
5. GA.Mollasadeghi, R.Farasatkish, E.Heydarpour, N.Aghdaii, A.Shahmohamadi. Study of Infection in Chronic Ventilator Dependent Patients in Shahid Rajaii Heart Hospital. Iranian Journal of Anesthesiology & Intensive Care. 2001; 21(33):30.
6. GA.Mollasadeghi, R.Farasatkish, M.Habibi, N.Aghdaii, E.Heydarpour. Determination of a Standard Curve for Blood Glucose Levels during CPB. Journal of Iranian Society of Anesthesiology & Intensive Care. 2002;22(40): 69.
7. N.Aghdaii, R.Farasatkish, GA.Mollasadeghi, E.Heydarpour. Methadone: A Safe Effective Drug in Opium Addict CABG Cases. Journal of Iran University of Medical Sciences. 2003;9(31):545.

8. N.Aghdaii, R.Farasatkish, R.Azarfarin, GA.Mollasadeghi. Which Anesthetic Drug Regimen is Suitable for CABG Surgery: Propofol-Atracurium or Propofol-Pancuronium?. Iranian Heart Journal. 2003;4(1).
9. N.Aghdaii, R.Farasatkish, F.Yazdani, R.Azarfarin. Comparison of Hemodynamic Changes due to Tracheal Intubation with Laryngoscope and Fiberoptic in Patients under Open Heart Surgery. Journal of Iranian Society of Anesthesiology & Intensive Care. 2003;24(43).
10. Z.Faritus, Z.Totonchi, R.Farasatkish, N.Aghdaii. Effects of Pleurotomy during CABG on Post-Operative Complications. Journal of Iranian Society of Anesthesiology & Intensive Care. 2004;24(42).
11. N.Aghdaii, R.Farasatkish. Case Report: Report of Coma after Open Heart Surgery in ICU. Journal of Cardiovascular Diseases.1996;7(24).
12. N.Aghdaii, R.Farasatkish, E.Heidarpour, GH.Mollasadeghi.Comparison of Inotropic Requirement of Patients under CABG with Two Different Anesthetic Drugs. Journal of Iran University of Medical Sciences. 2004;11(39).
13. N.Aghdaii, R.Farasatkish, E.Heidarpour, GH.Mollasadeghi. Is the Propofol Effective on Postoperative Analgesic Requirement of the Patients Under CABG in ICU?. Journal of Iranian Society of Anesthesiology & Intensive Care. 2005;2(50).
14. A.R.Mahoori, R.Farasatkish, N.Aghdaii, Z.Faritus, GH.Mollasadeghi, F.Kashfi. Outcome of Anesthesia and Open Heart Surgery in Pregnant Patients. The Journal of Tehran University Heart Center. 2007;2(1).
15. N.Aghdaii, S.H.R.Faiz. With which anesthetic regimen, the hemodynamic status of patients undergoing coronary artery bypass graft surgery while on β .blocker usage, is more stable? Sufentanil- Cis atracurium or Sufentanil- Pancuronium?. Journal of Iran University of Medical Sciences. 2009/2008;15(60-61).
16. Farasatkish, N.Aghdaii, R.Azarfarin, F.Yazdani. Can preoperative anesthesia consultation clinic help to reduce operating room cancellation rate of cardiac surgery on the day of surgery?. Middle East Journal of Anesthesiology (MEJA). 2009;20(20):1.
17. N.Aghdaii, Z.Faritus, F.Yazdani, H.Rezazade. Acute respiratory distress syndrome: Rapid and Significant Response to Volume-Controlled Inverse Ratio Ventilation. Middle East Journal of Anesth (MEJA). 2009;20(3).
18. Z.Faritus, N.Aghdaii, B.Naghipour, F.Yazdani, A.Dabbagh. Pancuronium versus Cisatracurium on Extubation time in adult coronary artery bypass grafting surgery. Iranian Heart Journal. 2010;11(3).
19. N.Aghdaii, R.Azarfarin, F.Yazdani, SZ.Faritous. Cardiovascular responses to orotracheal intubation in patients undergoing coronary artery bypass grafting surgery. Middle East Journal of Anesth (MEJA). 2010;20(6).
20. Z.Fritous, N.Aghdaii, F.Yazdani, R.Azarfarin, A.Dabbagh. Perioperative risk factors for prolonged mechanical ventilation and tracheostomy in women undergoing coronary artery bypass graft with cardiopulmonary bypass. Saudi Journal of Anaesthesia. 2011;5(2).
21. F.Bayat, N.Aghdaii, F.Farrivar, A.Bayat, A.Kord Valeshabad. Early hemodynamic changes after mitral valve replacement in patients with severe and mild pulmonary artery hypertension. Annals of Thoracic Cardiovascular Surgery. October 2012.
22. F.Yazdani, R.Azarfarin, N. Aghdaii, S.Jalali motlagh, Z.Faritous, M.Alavi, S.Hoseini. Relationship between gender and in-hospital morbidity and mortality after coronary artery bypass grafting surgery in an Iranian population. Cardiovascular Medicine.2012;1(1).
23. N.Aghdaii, M.Kabiri, F.Yazdani, M.H.Ghaffarinejad. Effect of retransfusion of heparin remaining in the salvaged blood on postoperative blood loss in coronary artery bypass grafting: Comparison with homologous blood transfusion. Iranian Heart Journal.2012;13(2).
24. F.Yazdani, R.Azarfarin, N.Aghdaii, Z.Faritous, S.Djalali Motlagh, A.Panahipour. Cardiac variables as main predictors of endotracheal reintubation rate after cardiac surgery. The Journal of Tehran University Heart Center. 2013;8(1).

25. N. Aghdaii, F.Yazdanian, S.Z. Faritus. Sedative Efficacy of Propofol in Patients Intubated/Ventilated after Coronary Artery Bypass Graft Surgery. *Anesth Pain Med.* 2014 February; 3(3): e17109.
26. N.Aghdaii, R. Ferasatkish, A.mohammadzadeh jouryabi, S. H. Hamidi. Significance of preoperative total lymphocyte count as a prognostic criterion in adult cardiac surgery. *Anesth Pain Med.* 2014 August; 4(3): e20331.
27. N.Aghdaii, M. Ziyaeifard, S. Z. Faritus, R.Azarfarin. Hemodynamic Responses to Two Different Anesthesia Regimens in Compromised Left Ventricular Function Patients Undergoing Coronary Artery Bypass Graft Surgery: Etomidate-Midazolam Versus Propofol-Ketamine. *Anesth Pain Med.* 2015 June; 5(3): e27966.
28. M. Ziyaeifard, A. Alizadehasl, N. Aghdaii, A. Sadeghi, R. Azarfarin, Gh. Masoumi, G.Golbargian. Heparinized and Saline Solutions in the Maintenance of Arterial and Central Venous Catheters After Cardiac Surgery. *Anesth Pain Med.* 2015 August; 5(4): e28056.
29. F. Bayat, Z. Faritous, N.Aghdaei, A. Dabbagh. A study of the efficacy of furosemide as a prophylaxis of acute renal failure in coronary artery bypass grafting patients: A clinical trial. *Arya Atherosclerosis.* 2015(Issue 3).
30. Zokaei A, Aghdaei N, Joreir-Ahmadi S. The Effect of Various Amount of Heparin on Analysis of Arterial Blood Gas in Adult Patients Undergoing Open Heart Surgery. *Research Journal of Medical Sciences.* 2016;10(4):191-3. ISSN: 1815-9346.
31. Faritous Z, Barzanji A, Azarfarin R, Ghadrdoost B, Aghdaei N and et al. Comparison of Bispectral Index Monitoring With the Critical-Care Pain Observation Tool in the Pain Assessment of Intubated Adult Patients After Cardiac Surgery. *Anesth Pain Med.* 2016 Aug;6(4): e38334. Published online 2016 Jun 14. doi: 10.5812/aapm.38334
32. Ziyaeifard M, Alizadehasl A, Aghdaei N, Rahimzadeh P, Masoumi GH-R, Golzari S and et al. The effect of combined conventional and modifie ultrafiltration on mechanical ventilation and hemodynamic changes in congenital heart surgery. *J Res Med Sci.* 2016;21:112.

C) Translated:

R.Farasatkish, GA.Mollasadeghi, N.Aghdaii, Z.Faritous, S.Jalali. *Critical Care Handbook of the Massachusetstts General Hospital.* Iran University of Medical Sciences and Health Services

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