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Associate Professor of Anesthesiology

Academic Address:

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- **Date of birth:** March 21 , 1964
- **Place of birth:** Rafsanjan – Iran
- **Citizenship:** Iranian
- **Marital Status:** Married, With two children

Qualification:

- **High School:** Resalat High School , Rafsanjan, Iran (1979-1982)
- **Medical School:** Tehran University , Tehran, Iran (1983-1990)
- **Board Certification:** Board in Anesthesiology (1994)

Fields of Interest:

- Cardiac Anesthesiology

Work experiences:

- **Internship:** Affiliated hospitals of Tehran University (1988-1990)
- **Residency:** Anesthesiology : Affiliated hospitals of Tehran University, Tehran, Iran (1990-1993)

Academic and Official appointment:

- 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 Rajai 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-present
- Responsible of fellowship training in charge of cardiac anesthesia 2010- present
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Presentations and publications

A) Abstracts:

1. Methadone: A Safe Effective Drug in Addict CABG cases **N.Aghdaii,MD**, E.Heydarpour,MD, A.Dabbagh,MD
Supplement Iranian Heart Journal, 12th Congress of Iranian Heart Association , Oct.2000
2. Accuracy of Pulse Oxymetry in Children with Cyanotic Congenital Heart Disease
N.Aghdaii,MD, A.Shahmohamady,MD, R.Farasatkish,MD
MINERVA ANESTESIOLOGIC, 11th European Congress of Anesthesiology (CENSA), 5-9 June.2001
3. Study of Infection in Chronic Ventilator Dependent Patients in Shahid Rajaii Heart Hospital
GA.Mollasadeghi,MD, R.Farasatkish,MD, E.Heydarpour,MD, **N.Aghdaii,MD**
The First Iranian Congress of Critical Care, 7-9 Feb.2001 page 199
4. CABG in Kidney Transplanted Spinal Cord Injured Handicapped Patients>
GA.Mollasadeghi,MD, R.Farasatkish,MD, **N.Aghdaii,MD**, E.Heydarpour
International Conference Kuwait University Faculty of Medicine, March.2001
5. Valvular Heart Disease and General Anesthesia
R.Farasatkish,MD, E.Heydarpour,MD, **N.Aghdaii,MD**, GA.Mollasadeghi,MD
MINERVA ANESTHESIOLOGICA 11th European Congress
of Anesthesiology (CENSA), 5-9 June.2001
6. Post Cardiac Surgery ICU Management (PCSICU)
E.Heydarpour,MD, GA.Mollasadeghi,MD, R.Farasatkish,MD, **N.Aghdaii,MD**
The First Iranian Congress of Critical Care, 7-9 Feb.2001 page 202
7. Study of Infections Associated With Cardiac Surgical ICUs
GA.Mollasadeghi,MD, R.Farasatkish,MD, **N.Aghdaii,MD**, E.Heydarpour,MD
11th European Congress of Anesthesiology (CENSA), 5-9 June.2001
8. Comparison Between IV Anesthesia Techniques in Pediatric Artery Closure
GA.Mollasadeghi,MD,R.Farasatkish,MD,E.Heydarpour,MD,M.Meraji,MD, **N.Aghdaii,MD**

Iranian Heart Journal, 13th Congress of Iranian Heart Association, 8-11 Oct.2002 page 160

9. How We Manage Smoke Inhalation Patients?

R.Farasatkish,MD, GA.Mollasadeghi,MD, **N.Aghdaii,MD**

Iranian Burn Congress,Dec.2002

10. Comparison of Inotropic Requirements for Patients Under Open Heart Surgery with Two Different Anesthetic Drugs

N.Aghdaii,MD, R.Farasatkish,MD, GA.Mollasadeghi,MD, E.Heydarpour,MD

Iranian Heart Journal, 13th Congress of Iranian Heart Association, Oct.2002

International Congress of Anesthesiology&Perioperative Medicine, 2-5 Oct.2002

11. Early Extubation After CABG Improves Morbidity but Not LOS and Mortality

F.Yazdanian,MD, A.Panahipour,MD, E.Heydarpour,MD, **N.Aghdaii,MD**, GR.Omrani,MD

Iranian Heart Journal, 13th Congress of Iranian Heart Association, 8-11 Oct.2002

International Congress of Anesthesiology&Perioperative Medicine, 2-5 Oct.2002

12. Comparison Bleeding in Normothermic-Normotensive and Hypothermic-Hypotensive

Patients After CABG Surgery MS.Ghiasi,MD, R.Farasatkish,MD, **N.Aghdaii,MD**, E.Heydarpour,MD

International Congress of Anesthesiology&Perioperative Medicine, 2-5 Oct.2002

13. Effects of Pleurotomy during CABG on Post-Operative Complications

Z.Faritus,MD, Z.Totonchi,MD, R.Farasatkish,MD, **N.Aghdaii,MD**, S.Hoseini,MD, A.Panahipour,MD

Third Iranian Congress of Critical Care, 22-24 Oct.2003

14. Causes of Re-Admission of Patients after Open Heart Surgery in Shahid Rajaii Heart ICU in 2002

GA.Mollasadeghi,MD, R.Farasatkish,MD, F.Yazdanian,MD, **N.Aghdaii,MD**

15. Comparison of Early Outcomes of CABG Surgeries in Males and Females>

F.Yazdanian,MD, R.Azarfarin,MD, Z.Faritus,MD, A.Panahipour,MD, **N.Aghdaii,MD**

3th Congress of Iranian Society of Cardiac Surgeons, Oct.2003

16. Impact of Gender on In-hospital Mortality and Morbidity Rate after CABG Surgery

F.Yazdanian,MD, A.Panahipour,MD, **N.Aghdaii,MD**, R.Azarfarin,MD, Z.Faritus,MD, S.Djalali Motlagh,MD

3th Iranian Congress of Critical Care, 22-24 Oct.2003 page 139

17. Is Propofol Effective on Post Operative Analgesic Requirement of Patients under CABG in ICU?

N.Aghdaii,MD, R.Farasatkish,MD, F.Yazdanian,MD

3th Iranian Congress of Critical Care, 22-24 Oct.2003 page 133

18. Survey of Causes of Re-Admission to the ICU after Cardiac Operation during The Same

Hospitalization during 1381

GA.Mollasadeghi,MD, R.Farasatkish,MD, F.Yazdanian,MD, **N.Aghdaii,MD**, A.Sadeghpour ,MD

3th Iranian Congress of Critical Care, 22-24 Oct.2003 page 4

19. Comparative Study Between Propofol and Midazolam in Cardiac Anesthesia for Patients under CABG Surgery AH.Zokaii,MD, R.Farasatkish,MD, E.Heydarpour,MD, **N.Aghdaii,MD**

3th Iranian Congress of Critical Care 22-24 Oct.2003 page 55

20 Anesthesia in Open Heart Surgery during Pregnancy and It's Complications

AR.Mahouri,MD, **N.Aghdaii,MD**, Z.Faritus,MD, R.Farasatkish,MD

6th National Congress on Cardiovascular Update, 11-14 June.2004 page 4

21. Monitored Anesthesia care for Transcatheter Closure of ASD Using The Amplatzer Septal Occluder

GH.Mollasadeghi,MD, M.Meraji,MD, R.Farasatkish,MD, **N.Aghdaii,MD**, A.R.Mahoori,MD, A.Sadeghpour,MD

14th Congress of Iranian Heart Association Nov. 23-26. 2004. Tehran, Iran

22. Suitable Time of Tracheal Intubation after Neuromuscular Injection

R.Farasatkish,MD, KH.Heidari,MD, A.Hemmat,MD, **N.Aghdaii,MD**, GH.Mollasadeghi,MD

2nd International Congress of Anesthesiology & Intensive Care 9-11 Feb 2005,Tehran-Iran

23. Can Preoperative Anesthesia Consultation Clinic Help to Reduce OR Cancellation Rate on the Day of Surgery?

N.Aghdaii,MD, R.Farasatkish,MD, R.Azarfarin,MD, GH.Mollasadeghi,MD

2nd International Congress of Anesthesiology & Intensive Care 9-11 Feb 2005,Tehran-Iran

24. Survey of Immediate Body Temperature upon Arrival in the Cardiac Surgery ICU

GH.Mollasadeghi,MD, R.Farasatkish,MD, A.Sadeghpour,MD, M.Meraji,MD, **N.Aghdaii,MD**

2nd International Congress of Anesthesiology & Intensive Care 9-11 Feb 2005,Tehran-Iran

25. Anesthesia in Open Heart Surgery during Pregnancy and It's Complications
AR.Mahouri,MD, **N.Aghdaii,MD**, Z.Faritus,MD, R.Farasatkish,MD
2nd International Congress of Anesthesiology & Intensive Care 9-11 Feb 2005,Tehran-Iran
26. Renal Failure in Cardiac Surgery Intensive Care Unit (ICU)
GH.Mollasadeghi,MD, **N.Aghdaii,MD**, F.Yazdanian,MD, Z.Faritus,MD, A.sadeghpour,MD, T.Babaii,MD
4th International Congress of Intensive Care Medicine 28-30 Sept 2005 Tehran,Iran
27. Short-Term Postoperative Morbidity in Diabetic Patients Undergoing CABG Surgery
GH.Mollasadeghi,MD, R.Farasatkish,MD, A.Sadeghpour,MD, **N.Aghdaii,MD**, F.Yazdanian,MD, S.Z.Faritus,MD,
A.Panahipour,MD, N.Givtaj,MD
15th Congress of Iranian Heart Association Oct. 31-Nov 3, 2006, Tehran, Iran
28. Management of an Unusual Complication with Central Venous Catheter after an Open Heart Surgery
F.Yazdanian,MD, **N.Aghdaii,MD**, C.Shadvar,MD, A.A.Kianfar,MD
5th International Congress of the Society of Cardiac Surgeons 20-23 Nov 2007 Tehran,Iran
29. Changes in blood lactate and glucose levels during CPB in patients undergoing CABG surgery.
R. Farasatkish MD,**N. Aghdaii MD**, H. Jarineshin MD, A. Sedighinejad MD, M.Kabiri MD, M. Hasanpourdargah MD.
First Iranian Congress of Cardiac Anesthesia 6-9 May 2008, Shiraz, Iran
30. Preoperative and intraoperative predictors for prolonged intubation and tracheostomy in women after cardiac surgery.
Z.Faritus MD, **N.Aghdaii MD**, R.Azarfarin MD, F.Yazdanian MD, R.Farasatkish MD.
First Iranian Congress of Cardiac Anesthesia 6-9 May 2008, Shiraz, Iran.
31. Postoperative predictors for prolonged intubation and tracheostomy in women after cardiac surgery.
Z.Faritus MD, **N.Aghdaii MD**, F.Yazdanian MD, A.Mollasadeghi MD, S.M.Alavi MD.
16th Congress of Iranian Heart Association 18-21 Nov 2008, Tehran, Iran.
32. The effect of lidocaine for prevention Arrhythmia during central venous catheter insertion in cardiac patients.
F.Yazdanian MD, Z.Faritus MD, **N.Aghdaii MD**, A.Anvaripour MD, V.Maroufi MD.
2nd Iranian Congress on Cardiothoracic and Vascular Anesthesia 13-15 May 2009, Yazd, Iran

33. Role of cell saver blood on coagulation and blood loss after cardiac surgery.

M.Kabiri MD, **N.Aghdaii MD**, H.Jarineshin MD, M.H.Ghafarinejad.

2nd Iranian Congress on Cardiothoracic and Vascular Anesthesia 13-15 May 2009, Yazd, Iran.

34. Does severe pulmonary hypertension before mitral valve replacement increase hemodynamic instability and intubation time after operation?

F.Bayat MD, **N.aghdaii MD**, F.Yazdani MD, H.Bakhshande MD, K.Raissi MD, N.Samiei MD.

1st International Congress of Iranian Society of Cardiac Anesthesiologists 10-13 May 2011, Isfahan, Iran.

35. Preoperative clopidogrel exposure and postoperative bleeding after coronary artery bypass grafting.

F.Yazdani MD, **N.Aghdaii MD**, M.Toutouchi MD, N.Naseh.

1st International Congress of Iranian Society of Cardiac Anesthesiologists 10-13 May 2011, Isfahan, Iran.

36. A case study and anesthetic implication of propionic academia.

K.Saberi MD, Z.Faritous MD, R.Farasatkish MD, M.Alavi MD, **N.Aghdaii MD**, GH.R.Massoumi MD.

1st International Congress of Iranian Society of Cardiac Anesthesiologists 10-13 May 2011, Isfahan, Iran.

37. Comparison of dexamethasone alone with dexamethasone plus midazolam for the prevention of postoperative nausea and vomiting in adult patient undergoing coronary artery surgery.

F.Yazdani MD, **N.Aghdaii MD**, I.Ghandi MD, M.Ghoreishi MD, M.Ghorbanloo.

1st International Congress of Iranian Society of Cardiac Anesthesiologists 10-13 May 2011, Isfahan, Iran.

B) Articles:

1. Cardiac Tamponad after Insertion of Central Venous Catheter during Surgery. GA.Mollasadeghi,MD, R.Farasatjish,MD, **N.Aghdaii,MD** Iranian Journal of Anesthesiology&Intensive Care, Volume 20, Number 3, 1999
2. The Effect of Anesthetics on Blood Glucose Concentration during CPB. K.Ghazi Saidi,MD, **N.Aghdaii,MD**, A.Mahfouzi,MD, Z.Hussainkhan,MDJournal of Medical Council of Islamic Republic of Iran, Volum 17, Number 4, 2000,Page 291
3. Effect of Apnea and Head Position on the Location of Catheters Inserted Via Basilic Veins. GA.Mollasadeghi,MD, E.Heydarpour,MD, R.Farasatkish,MD, **N.Aghdaii,MD**Iranian Heart Journal, Volum 1, Number 2, Winter 2000
4. Can You Get Hemodynamic Stability with Total Intra Venous Anesthesia for CABGSurgery? GA.Mollasadeghi,MD, R.Farasatkish,MD, **N.Aghdaii,MD**Journal of Iran University of Medical Sciences, Volume 7, Number 22, Winter 2001, Page 310
5. Study of Infection in Chronic Ventilator Dependent Patients in Shahid Rajaii Heart Hospital. GA.Mollasadeghi,MD, R.Farasatkish,MD, E.Heydarpour,MD, **N.Aghdaii,MD**, A.Shahmohamadi,MD Iranian Journal of Anesthesiology&Intensive Care, Volume 21, Number 33, 2001, Page 30
6. Determination of a Standard Curve for Blood Glucose Levels during CPB. GA.Mollasadeghi,MD,R.Farasatkish,MD, M.Habibi,MD, **N.Aghdaii,MD**, E.Heydarpour,MD Journal of Iranian Society of Anesthesiology & Intensive Care, Volume 22, Number 40, 2002 Page 69
7. Methadone: A Safe Effective Drug in Opium Addict CABG Cases. **N.Aghdaii,MD**, R.Farasatkish,MD, GA.Mollasadeghi,MD, E.Heydarpour,MDJournal of Iran University of Medical Sciences, Volume 9, Number 31, Winter 2003,Page 545
8. Which Anesthetic Drug Regimen is Suitable for CABG Surgery: Propofol-Atracurium orPropofol-Pancuronium? **N.Aghdaii,MD**, R.Farasatkish,MD, R.Azarfarin,MD, GA.Mollasadeghi,MD Iranian Heart Journal Volum 4, Number 1, Winter 2003
9. Comparison of Homodynamic Changes due to Tracheal Intubation with Laryngoscope and Fiberoptic in Patients under Open Heart Surgery. **N.Aghdaii,MD**, R.Farasatkish,MD, F.Yazdanian,MD, R.Azarfarin,MD Journal of Iranian Society of Anesthesiology&Intensive Care, Volume 24, Number 43, Page 2003
10. Effects of Pleurotomy during CABG on Post-Operative Complications. Z.Faritus,MD, Z.Totonchi,MD R.Farasatkish,MD, **N.Aghdaii,MD** Journal of Iranian Society of Anesthesiology&Intensive Care, Volume 24, Number 42, 2004
11. Case Report: Report of Coma after Open Heart Surgery in ICU **N.Aghdaii,MD**, R.Farasatkish,MD Journal of Cardiovascular Diseases, Volume 7, Number 24, 1996
12. Comparison of Inotropic Requirement of Patients under CABG with Two Different Anesthetic Drugs. **N.Aghdaii,MD**, R.Farasatkish,MD, E.Heidarpour,MD, GH.Mollasadeghi,MD Journal of Iran University of Medical Sciences,Volume 11. Number 39. Spring 2004
13. Is the Propofol Effective on Postoperative Analgesic Requirement of the Patients Under CABG in ICU? **N.Aghdaii,MD**, R.Farasatkish,MD, E.Heidarpour,MD, GH.Mollasadeghi,MD Journal of Iranian Society of Anesthesiology& Intensive Care, Volume 2. 2nd Course. Number 50. Fall 1384 (2005)
14. Outcome of Anesthesia and Open Heart Surgery in Pregnant Patients. A.R.Mahoori,MD, R.Farasatkish,MD, **N.Aghdaii,MD**, Z.Faritus,MD, GH.Mollasadeghi,MD, F.Kashfi,MSc The Journal of Tehran University Heart Center, Volume 2. Number 1. Winter 2007

15. 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?
N.Aghdaii,MD, S.H.R.Faiz,MD. Journal of Iran University of Medical Sciences,Volume 15. Number60&61. Autumn 2008 & Winter 2009.
16. Can preoperative anesthesia consultation clinic help to reduce operating room cancellation rate of cardiac surgery on the day of surgery? R.Farasatkish,MD, **N.Aghdaii,MD**, R.Azarfarin,MD, F.Yazdanian,MD. Middle East Journal of Anesthesiology (MEJA),Volume 20, No 20, 1, Feb 2009
17. Acute respiratory distress syndrome: Rapid and Significant Response to Volume-Controlled Inverse Ratio Ventilation.
N.Aghdaii,MD, Z.Faritus,MD, F.Yazdanian,MD, H.Rezazade. Middle East Journal of Anesth (MEJA), Volume 20, No3, Oct 2009
18. Pancuronium versus Cisatracurium on Extubation time in adult coronary artery bypass grafting surgery. Z.Faritus,MD, **N.Aghdaii,MD**, B.Naghipour,MD, F.Yazdanian,MD, A.Dabbagh,MD. Iranian Heart Journal, Volume 11, No 3, Fall 2010.
19. Cardiovascular responses to orotracheal intubation in patients undergoing coronary artery bypass grafting surgery.
N.Aghdaii,MD, R.Azarfarin,MD, F.Yazdanian,MD, SZ.Faritous. Middle East Journal of Anesth (MEJA), Volume 20, No 6, Feb 2010

C) Translated:

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

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