

Curriculum Vitae

Name: **Reza Jalaeian Taghaddomi**
Address: Ghaem Hospital, Anesthesia Department,
Ahmad Abad street, Mashhad, Iran.
Phone : +98- 511- 8417402
Cell Phone : +98- 937 7813576
Email : **JalaeianR @mums.ac.ir**
Date of birth: **June 2, 1971**
Place of birth: Mashhad, Iran
Marital status: Married

EDUCATION

2012 A 3 month course of observership in cardiac anesthesia at **UCLA**

1996 – 1999 I received my national board exam certificate in anesthesia from Zahedan University of Medical Sciences.

Residency Thesis (1999) Study of the incidence of early complications of spinal anesthesia

1989 – 1996 I studied medicine at Zahedan University of Medical Sciences, and received M.D certificate.

M.D Thesis (1995) Determination of the reference range of hemoglobin of 6-11 years old children of Zahedan

MEDICAL /PROFESSIONAL EXPERIENCES

2010 to Date Associate Professor of Anesthesia Department, Mashhad University of Medical Sciences.

2009 to Date Head of the Department of Anesthesiology, Ghaem Hospital

2001 to 2010 Assistant professor of the Anesthesia Department, Mashhad University of Medical Sciences.

2007 to 2008 Vice of chairman in research, Department of Anesthesiology

2002 to 2007 Director of education and residency program.

1999 to 2001 Anesthesiologist of Sina Hospital , Chabahar Free Zone , Iran

- 2000 to 2001** Head of Sina Hospital, Chabahar Free Zone, Iran
- 2000 to 2001** Head of Health and Treatment Network of Chabahar Free Zone , Iran
- 2000 to 2001** Responsible for inauguration of the new Imam Ali Hospital, Chabahar, Free Zone , Iran

HONORS

- 1999** The Third-best student of the National Board Exam of Anesthesiology, with a degree of 131.3 out of 150.
- 1994** The second –best student of the Pre-Internship Exam in Zahedan University of Medical Sciences
- 1991** The best student of the Basic Sciences Exam in Zahedan University of Medical Sciences

COMMITTEE ASSIGNMENT, MEMBERSHIP

- 2010 to date** Member of Ghaem Hospital Committee of Mortality and Morbidity
- 2010 to date** Member of Ghaem Hospital Committee of Drug and Treatment Affairs
- 2005 to 2007** Member of Ghaem Hospital Committee of Medical Mismanagements and Faults.
- 2005 to date** Member of Iranian Society of Cardiac Anesthesiologist.
- 2003 to 2007** Member of Ghaem Hospital Research Committee.

TEACHING EXPERIENCES

1999 to date - *Resident lecture series about:*

Inhaled anesthetic delivery systems, Uptake and distribution of inhaled anesthetics, Respiratory physiology, Respiratory monitoring, Thoracic anesthesia

Autonomic nervous system, Cardiac physiology, Cardiac monitoring and Cardiac anesthesia,

Neuromuscular physiology, Neuromuscular monitoring, Blood transfusion, Autologous blood transfusion, Acid-base balance,

- *Multiple lectures for medical students about:*

Airway management, CPR, Water and electrolytes.

- *Different Continuous Medical Education lectures (CME):*

CONGRESS PRESENTATIONS

1- First international congress of anesthesiology and perioperative medicine, and 7th Iranian congress of anesthesiology and critical care, 2-5 Oct 2002 , Shiraz, Iran.

Subject: Retrograde Intubation in a Case of Tempromandibular Joint Ankylosis.

2- 7th international congress of Iranian association of endodontists , 13-15 Aug 2003 , Mashhad, Iran.

Subject: Cardiopulmonary Resuscitation

3- Second international congress of anesthesiology and intensive care, 9-11 Feb 2005, Tehran, Iran.

Subjects:

a) Use of Acute Normovolemic Hemodilution in Cardiac Surgery with CPB .

b) Premedication with Intranasal Midazolam in Children Undergoing Probing of the Nasolacrimal Duct and its Effect on Recovery and Discharge Time.

c) Report of Three Cases of Severe Hypercapnia During Anesthesia Leading to Impaired Awakening Post operation.

4- 4th international congress of the Iranian society of cardiac surgeons, 16-19 Nov 2005, Tehran , Iran.

Subject : Use of Acute Normovolemic Hemodilution in Patients Undergoing Off-Pump Coronary Artery Bypass Graft.

5- Euroanaesthesia 2006, 3-6 June 2006, Madrid ,Spain.

Subject: Use of Intravenous Electrocardiogram to insert the tip of peripherally inserted central catheters in an optimum position.

6- 16th World Congress of the World Society of Cardio-Thoracic Surgeons, 17-20 Aug 2006, Ottawa ,Canada.

Subject: Insertion of Peripherally Inserted Central Catheter by the Use of Intravenous Electrocardiogram and Skin Surface Measurements.

7- 14th World Congress of Anesthesiologist, 2-7 March 2008, Cape Town, South Africa.

Subjects:

a) Postoperative abdominal pain as a side effect of remifentanyl-based anesthesia in cataract surgery

b) Investigation of the effects of tranexamic acid in patients undergoing lumbar hernial disc resection.

BIBLIOGRAPHY

- 1-** Karimi. M, Bameshki. M, **Jalaeian. R.** *Use of three-in-one block in patients undergoing arthroscopic surgery.* Medical Journal of Mashhad University of Medical Sciences, 2004;47:75-78.
- 2-** Karimi. M, **Jalaeian. R,** Rasooli,F . *Use of ANH in patients undergoing cardiac surgery with CPB.* Medical Journal of Mashhad University of Medical Sciences, 2004; 48: 54-58.
- 3-** **Jalaeian R,** Khajedaloui M, Jalili M. *Use of acute normovolemic hemodilution in patients undergoing off-pump coronary artery bypass graft surgery.* Ofoghe-Danesh J, 2005 ; 10(4) : 5-10.
- 4-** **Jalaeian R,** Mottahedi B, Ghannad M, Peivandi A. *Use of intravenous electrocardiogram in placement of the tip of peripherally inserted central catheters in an optimum position.* Iranian J Surg , 13(2) : 36-43 .
- 5-** **Jalaeian R,** Sharifian AR, Jalili M. *Premedication with intranasal midazolam in children undergoing probing of nasolacrimal duct and its effect on recovery and discharge time.* Ofoghe-Danesh J,2005 ; 11(2) : 22-26.
- 6-** **Jalaeian R,** Majidi M, Peivandi A. *Total intravenous anesthesia plus tranexamic acid provide optimal surgical conditions in comparison with inhalation halothane anesthesia during tympanoplasty.* The Iranian J Otorhinolarygol, 2006;18(44):5-9.
- 7-** **Jalaeian R,** Mottahedi B, Ghanad M. *The effects of dexamethasone on reduction of the early side effects after on-pump coronary artery bypass graft surgery.* Iranian J Surg,17(3):24-29.
- 8-** Mottahedi B, Moeinipoor A, **Jalaeian R.** *CPR in aortic rupture after CABG surgery.* Medical Journal of Mashhad University of Medical Sciences,2006;49(93):328-331.
- 9-** **Jalaeian R,** Ghanad M, Esfahanizade J. *Insertion of peripherally inserted central catheters in an optimum position using skin surface measurements.* Journal of Iranian Society of Anaesthesiology and Intensive care 2007; 2(58): 27-35.
- 10-** **Jalaeian R,** Sharifian AR, Soltani GH. *Comparison of the effects of inhalational Salbutamol, Beclomethasone and intravenous Lidocaine in prevention of fentanyl-induced coughing before induction of anesthesia.* Medical Journal of Mashhad University of Medical Sciences 2008; 50(90) : 393-398.
- 11-** **Jalaeian R,** Jahanbakhsh S, Hosseinian E. *Postoperative abdominal pain as a side effect of Remifentanil-based anesthesia in cataract surgery.* Medical Journal of Mashhad University of Medical Sciences, 2008; 51(3) :183- 86.
- 12-** Karimi M, **Jalaeian R,** Majidi M, Marbutian M, Shojaee S. *Remifentanil-based anesthesia to improve surgical field in patients undergoing endoscopic sinus surgery .* The Iranian J Otorhinolarygology, 2008; 20(52): 71-5.

13- Jalaiean R, Mashhadinezhad H, Peivandi A. *Investigation of the effects of using intravenous tranexamic acid on the reduction of blood loss in lumbar hernial disc resection with inhalation and total intravenous anesthesia. Iranian Red Crescent Medical Journal*, 2009; 11(3) :265-70.

14- Jalaiean R, Mirzaee A, Sharifian AR, Shirdel A. *Tranexamic acid reduces blood loss in off-pump coronary artery bypass surgery. J Cardithorac Vasc Anesth*; 2009, 23(3): 312-15.

15- Jalaiean Taghaddomi R, Majidi MR, Abbasi H, Mirzaee A, Bahadorzadeh L, Azari A. *Effect of cardiopulmonary bypass on hearing loss in patients undergoing coronary artery bypass graft surgery. Medical Journal of Mashhad University of Medical Sciences*, 2011; 54(1): 50-57.

16 -Sharifian Attar A, Jalaiean Taghaddomi R, Bagheri R. *Anesthetic management of patients with anterior mediastinal masses undergoing Chamberlain Procedure (anterior mediastinostomy).Iranian Red Crescent Medical Journal*, 2013 April; 15(4):

CURRENT PROJECTS

1. Comparison of different anesthesia protocols in patients undergoing OPCAB

ACCOMPLISHED RESIDENT THESIS

- 1-Investigation of using remifentanyl to blunt hemodynamic changes during tracheal intubation.
- 2-Investigation of the effects of dexamethasone on reducing the incidence of early complications after operation in patients undergoing cardiac surgery with CPB.
- 3-Comparative study of the incidence of coughing due to intravenous fentanyl with different premedications by spray of sulbutamol, beclomethasone and intravenous lidocaine.
- 4-Investigation of the effect of the combination of total intravenous anesthesia and tranexamic acid in reduction of blood loss in hernial disc resection surgery.
- 5-Comparative study of using endotracheal tube and laryngeal mask airway in the anesthetic management of cataract surgery.
- 6- Comparative study of abdominal pain after remifentanyl and propofol anesthesia in patients undergoing cataract surgery.
- 7-Use of intravenous electrocardiogram to insert the tip of peripherally inserted central catheter in an optimum position
- 8-Investigation of successful cases of the 3 in 1 block in 50 patients undergoing knee arthroscopy.

- 9-** Investigation of the beneficial effect of acute normovolemic hemodilution (ANH) in cardiac surgery using cardiopulmonary bypass pump.
- 10-** Investigation of the beneficial effect of acute normovolemic hemodilution (ANH) in off-pump coronary artery bypass surgery.
- 11-** Comparative study of the interpleural regional analgesia and intravenous analgesia in patients undergoing thoracotomy.
- 12-** Comparative study of the effect of remifentanil and halothane on the amount of blood loss in endoscopic sinus surgeries.
- 13-** Investigation of the effect of tranexamic acid on the reduction of bleeding in off-pump coronary artery bypass surgery.
- 14-** Investigation of the effect of digoxin on cardiovascular indices in patients undergoing pulmonary resection
- 15-** Investigation of the changes of Otoacoustic Emission Test in patients undergoing off-pump coronary artery bypass graft surgery.