

Curriculum Vitae

Name: Abbas

Last Name: Afrasiabi Rad

Birth date: 1960

Citizenship: Iranian

Address: Department of Cardiac Surgery, Madani Heart Hospital, Daneshgah Street, Tabriz, Iran

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Education:

Trained in valvar and congenital heart surgery in Toronto General Hospital and Sick children hospital, University of Toronto, Ontario, Canada. 1999, 2001.

Board certified in subspecialty of cardiovascular surgery, Iran University of Medical Sciences. Tehran, Iran. 1992-1995

General medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran. 1979-1987.

Board certified in general surgery, Shahid Beheshti University of Medical Sciences, Tehran, Iran. 1987-1991.

Guidance and high school, Salmas, Iran. 1972-1978

Elementary school, Salmas, Iran. 1966-1971

Positions:

Professor in cardiac surgery, Department of cardiac surgery, University of Medical Sciences, Tabriz, Iran. 2006-Present.

Associate professor in cardiac surgery, Department of cardiac surgery, University of Medical Sciences, Tabriz, Iran. 2001-2006

Assistant professor in cardiac surgery, Department of cardiac surgery, University of Medical Sciences, Tabriz, Iran. 1995-2001.

Teaching Experiences:

General surgery residents, school of medicine, Tabriz University of Medical Sciences, Iran. 1995-present

Cardiac surgery residents, school of medicine, Tabriz University of Medical Sciences, Iran. 1995-present

Management Experiences:

Deputy of president of Tabriz University of medical sciences in research affairs for one year in 2001

Vice president of Tabriz University of medical sciences for one year in 2000

Presentations:

Afrasiabi, A

Emergency Coronary Artery Bypass Graft Surgery for Acute Coronary Syndrome. The Second Iranian Congress Acute Coronary Syndromes. June 27-29, 2018 Tabriz-Iran

Afrasiabirad A. Asymmetric aortic root aneurysm with or without aortic insufficiency. May 15-17, 2015; Baku, Azarbaijan

Afrasiabi, A., Safai, N., Parvizi, R., Jodati, AR., Pezeshkian, M. Aortic Valve Repair in Acute Dissection of the Ascending Aorta. 8th international congress of update in cardiology and cardiovascular surgery. March 1-4, 2012; Antalya, turkey

Afrasiabi, A., Safai, N., Montazergaem, H. On pump beating coronary artery bypass in high risk coronary patients. 8th international congress of update in cardiology and cardiovascular surgery. March 1-4, 2012; Antalya, turkey

Afrasiabi, A. Hypothermia versus normothermia in cardiac surgery with cardiopulmonary bypass. 6th International congress of Iranian society of cardiac surgeons. October 27-30, 2009; Tehran, Iran

Afrasiabi, A., Safai, N., Habibi, V. Surgical results of transatrial-transpulmonary repair of tetralogy of fallot. 6th International congress of Iranian society of cardiac surgeons. October 27-30, 2009; Tehran, Iran

Afrasiabi, A., Parvizi, R., Safai, N., Jodati, AR., Pezeshkian, M. Aortic valve repair in acute aortic dissection. 6th International congress of Iranian society of cardiac surgeons. October 27-30, 2009; Tehran, Iran

Parvizi, R., Afrasiabi, A., Toufan, M., Salehi, R. 15 year's experience of acute aortic dissection operation in Madani heart hospital. Razavi international aortic symposium. December 10-12, 2008; Mashad, Iran

Afrasiabi, A., Safai, N., Jodati, AR., Pezeshkian, M., Habibi, V., Rostamzadeh, M. Is it justified to do on pump beating coronary artery bypass graft in high risk patients? Razavi international aortic symposium. December 10-12, 2008; Mashad, Iran

Afrasiabi, A., Pezeshkian, M., Rastkar, B., Samadi, M., Safai, N., Montazergaem, H. Valvar patch for closing VSD with systemic pulmonary hypertension. 7th Annual conference of pediatric cardiac society of India. July 15-17, 2005; Hyderabad, India.

Afrasiabi, A., Safai, N. Is using intracoronary shunt in all off pump CABG needed. 12th Annual meeting of the Asian society for cardiovascular surgery. April 12-15, 2004; Istanbul, Turkey

Afrasiabi, A., Hassanzadeh, S., Parvizi, R. Comparison of intermittent antegrade warm blood versus cold crystalloid cardioplegia. 11th Annual meeting of the Asian society for cardiovascular surgery. February 12-15, 2003; Kuala Lumpur, Malaysia .

Afrasiabi, A., Safai, N. Minimally invasive aortic valve and subaortic valve surgery via partial sternotomy. 11th Annual meeting of the Asian society for cardiovascular surgery. February 12-15, 2003, Kuala Lumpur, Malaysia.

Toofan, M., Afrasiabi, A., Pirzadeh, L., Hassanzadeh Salmasi, S. The effects of cardiac rehabilitation in patients with coronary artery disease. 13th congress of Iranian heart association. October 8-11, 2002; Tehran, Iran.

Afrasiabi, A., Safaie, N., Aslanabadi, N. *The Cox – Maze III Procedure for atrial fibrillation associated with rheumatic mitral valve disease. 13th congress of Iranian heart association. October 8-11, 2002; Tehran, Iran.*

Afrasiabi, A., Hassanzadeh S., Sattarivand, A. *Comparison the effects of Ramadan fasting in hyperlipidemic men with or without diet regimen. International Congress of health and Ramadan. October 8-11, 2001; Tehran, Iran.*

Afrasiabi, A., Hassanzadeh, S., Sattarivand, A. *Effects of fasting in Ramadan on plasma lipid profiles in Hyperlipidemic men. International congress on health and Ramadan. October 12-15, 2001; Tehran, Iran.*

Afrasiabi, A., Hassanzadeh, S. *Evaluation of interval between onset of acute chest pain and admission to hospital. Seminar of emergency medicine. October 1-3, 2000; Tehran, Iran.*

Afrasiabi, A., Pezeshkian, M. *Minimally invasive of aortic and subaortic valve surgery Oct via partial sternotomy. 11th congress of Iranian heart association. October 22-25, 1998; Tehran, Iran.*

Afrasiabi, A., Hasanzadeh, S., Parvizi, R. *Relieving pain with TENS after open heart surgery. 1st eastern Mediterranean congress on preventive cardiology and 10th annual Iranian congress of cardiovascular diseases. May 2-5, 1997; Isfahan, Iran.*

• Publications:

RikhtegaraR, Pezeshkian M, Dolatia S , Safaie N, Afrasiabi Rad A, Mahdipour M, Nourid M, Jodati, A R , Yousefi, M
Stem cells as therapy for heart disease: iPSCs, ESCs, CSCs, and skeletal Myoblasts *Biomedicine & Pharmacotherapy* 109 (2019) 304–313

Dolati S, mehdi Yousefi^{2,4,5} | Mahdipour M, Afrasiabi Rad A , Pishgahi A , Nouri M
Jodati AR.
Mesenchymal stem cell and bone marrow mononuclear cell therapy for cardiomyopathy: From bench to bedside. *J Cell Physiol.* 2018;1–12.

Mihanfar A , Nejabati HR , Fattahi A, Latifi Z, Pezeshkian M, Afrasiabi A , Safaie N, Jodati AR, Nouri M.
The role of sphingosine 1 phosphate in coronary artery disease and ischemia reperfusion injury. *J Cell Physiol.* 2018;1–12.

Mihanfar A , Nejabati HR , Fattahi A, latifi Z, Faridvand Y, Pezeshkian M, Jodati AR, Safaie N, Afrasiabi A , Mohammad Nourib
SIRT3-mediated cardiac remodeling/repair following myocardial infarction *Biomedicine & Pharmacotherapy* 108 (2018) 367–373

Afrasiabirad A, safaie N, Montazergaem H. *On pump beating coronary artery bypass in high risk coronary patients. IJMS.* 2015;40:40-44

Zamani-Kalajahi M, Fazeli-Bakhtiyari R, Amiri M, Golmohammadi A, Afrasiabi A, Khoubnasabjafari M, Jouyban A. *Dispersive liquid-liquid microextraction based on solidification of floating organic droplet followed by spectrofluorimetry for determination of carvedilol in human plasma. Bioanalysis.* 2013; 5:437-48.

Feiz HH, Afrasiabi A, Parvizi R, Safarpour A, Fouladi RF. *Scoliosis after thoracotomy/sternotomy in children with congenital heart disease. Indian J Orthop.* 2012 ;;46:77-80.

Tarzamni MK, Eshraghi N, Fouladi RF, Afrasiabi A, Halimi M, Azarvan A. Atherosclerotic Changes in Common Carotid Artery, Common Femoral Artery, and Ascending Aorta/Aortic Arch in Candidates for Coronary Artery Bypass Graft Surgery. *Angiology*. 2012 ;63:622-9.

Kazemi B, Ahmadzadeh A, Safaei N, Jodati A, Sohrabi B, Afrasiabi A. Influence of anterior periaortic fat pad excision on incidence of postoperative atrial fibrillation. *Eur J Cardiothorac Surg*. 2011 ;40:1191-6.

Safaie, N., Afrasiabi, A., Jodati, A. Shahmohammadi, G., Negargar, S., Mahmoodpoor, A. Valve sparing aortic root reconstruction in acute dissection of the ascending aorta. *pak J Med Sci* 2011; 27:52-55

Toufan, M., Afrasiabi, A., Pourafkari, L. Isolated cardiac hydatidosis - a case report. *Kardiol Pol*. 2010;2:223-5.

Farhoudi, M., Mehrvar, K., Afrasiabi, A., Parvizi, R., Khalili, AA., Nasiri, B., Hashemzadeh, K., Ghabili, K. Neurocognitive impairment after off-pump and on-pump coronary artery bypass graft surgery - an Iranian experience. *Neuropsychiatr Dis Treat*. 2010; 6:775-8.

Ghaffari, Sh., Afrasiabi, A., Bilan, N., Samadi, M., Ghaffari, MR., Rastghar, B., Changhizi, A. Evaluation of total Anomalous Pulmonary Vein Connection and Its Outcomes in the Madani heart hospital from 1986 to 2008. *Medical Journal of Tabriz University of Medical Sciences*. 2010; 3:46-50

Pezeshkian, M., Noori, M., Najjarpoor Jabbari, H., Najjar pour, M., Abolfathi, A., Afrasiabi, A., Jodati, A., Safaii, N., Rostamzadeh, M., Habibi, V., Darabi, M., Shaaker, M., Sattarivand, A. Comparison of Fatty Acid Profile between Epicardial and Subcutaneous Adipose in Patients Undergoing Coronary Artery Bypass Graft Surgery. *Medical Journal of Tabriz University of Medical Sciences*. 2010; 3:18-23

Javadi, L., Pezeshkian, M., Afrasiabi, A., Garjani, A., Roshangar, L., Golmohamadi, Z., Noori, M. Erythropoietin prevention effect on induced apoptosis by ischemia-reperfusion in myocytes of Rats. *Journal of Cardiovascular and Thoracic Research*. 2010; 2:1-7

Afrasiabi, A., Ansarin, KH., Hassanzadeh salmasi, S. Comparison of the effect of incentive spirometry on pulmonary volumes and arterial blood gases after coronary bypass surgery. *The Armaghane-danesh*. 2006; 11:8-17

Afrasiabi, A., Hassanzadeh Salmasi, S., Negargar, S., Ghaffari, M., Ansarian, Kh. The effects of incentive spirometry on pulmonary volumes and arterial blood gases after coronary artery bypass surgery. *The Scientific Quarterly Behbood*. 2006; 10:28-37

Afrasiabi, A., Samadi, M., Montazergaem, H. Valvar patch for ventricular septal defect with pulmonary artery hypertension. *Asian Cardiovasc Thorac Ann*. 2006; 14:501-4

Pezeshkian, M., Nouri, M., Refahi, R., Afrasiabi, A., Rahbani, M., Qujeq, D. Relationship between hyperhomocysteinemia and oxidative stress with severity of atherosclerotic lesion. *Journal of Medical Sciences*. 2005; 5: 243-246.

Afrasiabi, A., Safaei, N. A Case Report of Main pulmonary artery aneurysm. *Medical Journal of Tabriz University of Medical Sciences*. 2004; 60:79-81.

Farhoudi, M., Afrasiabi, A., Tarzamni, M., Khoshnam, M., Arami, M. Transcranial and carotid doppler study in coronary artery bypass graft patients. *Neurosciences*. 2004; 9:186-189.

Afrasiabi, A., Hashemzahi, M. Mini Sternotomy versus full sternotomy for aortic and subarotic valve surgery. *Iranian Heart Journal*. 2004; 5:30-33

Afrasiabi, A., Safai, N. Rheumatic valvular heart surgery and maze III procedure. *Saudi Med J*. 2004;

25:1310-12.

Afrasiabi, A., Hassanzadeh, S. The Effects of delay in time from onset of acute chest pain to admission to coronary care unit in patients with acute myocardial infarction. *Medical Journal of Tabriz University of Medical Sciences*. 2003; 56:22-26

Afrasiabi, A., Hassanzadeh, S. Tepid blood versus cold crystalloid cardioplegia in cardiac protection. *Saudi Med J*. 2003; 24:1271-73.

Afrasiabi, A., Toofan, M., Pirzad, L., Hassanzadeh, S., Pirzad, H. The effects of cardiac rehabilitation in patients with coronary artery disease. *Saudi Med J*. 2003; 24:1145-48.

Afrasiabi, A., Hassanzadeh, S., Nouri, M., Mahboob, S. Effects of low fat and low calorie diet on plasma lipid levels in the fasting month of Ramadan. *Saudi Med J*. 2003; 24:184-88.

Afrasiabi, A., Hassanzadeh, S., Sattarivand, A. Effects of Ramadan fasting on serum lipid profiles on 2 hyperlipidemic groups with or without diet pattern. *Saudi Med J*. 2003; 24:23-26.

Afrasiabi, A., Hassanzadeh, S. Perceptions of patients from stressors in ICU after cardiac surgery. *Iranian Heart Journal*. 2003; 4:20-23.

Afrasiabi, A., Safaei, N., Hassanzadeh, S. A Case Report of Precoarctation Aneurysm. *Medical Journal of Tabriz University of Medical Sciences*. 2002; 55:69-72.

Afrasiabi, A., Hassanzadeh, S., Pezeshkian, M. Measuring of hospital stress on cardiac patients in Shahid Madani Heart hospital in Tabriz. *Medical Journal of Tabriz University of Medical Sciences*. 2001; 49: 11-16.

Pezeshkian, M., Nouri, M., Zahraei, M., Afrasiabi, A., Abadi, N. Study of MDA, antioxidant vitamins, lipoproteins serum levels and anthropometry parameters in coronary artery disease patients. *Islamic Academy of Science*. 2001; 14: 5-8.

Pezeshkian, M., Nouri, M., Afrasiabi, A. Aspects of health managements (Management's patterns, excitement, guidance, decision). *Medical Journal of Tabriz University of Medical Sciences*. 2000; 45:13-20.

Parvizi, R., Afrasiabi, A. Massive air emboli during open heart surgery, Report of three cases. *Medical Journal of Tabriz University of Medical Sciences*. 1999; 46:79-82.

Nouri, M., Zahraei, M., Pezeshkian, M., Afrasiabi, A. Effects of a low caloric, low cholesterol, high fiber dietary regimen and aerobic exercise on plasma lipid and vitamins C and E levels in patients with stenotic coronary arteries. *Medical Journal of Tabriz University of Medical Sciences*. 1999; 46:55-62.

Afrasiabi, A., Hassanzadeh, S. Patients opinion about how the prefer to spend time before operation. *Medical Journal of Isfahan University of Medical Sciences*. 1999; 1:25 -30.

Afrasiabi, A., Hassanzadeh, S., Parvizi, R. Relief of pain and improved pulmonary function with TENS after open heart surgery. *Medical Journal of Tabriz University of Medical Sciences*. 1997; 41:9-16.

Talghini, Sh., Afrasiabi, A. Primary cardiac embryonal rhabdomyosarcoma: A case report of primary tumor in 8 year old girl. *Medical Journal of Tabriz University of Medical Sciences*. 1997; 34:22-26.

Pezeshkian, M., Afrasiabi, A. Evaluation of serum level of creatine kinase MB isoenzyme in cardiac surgery. *Medical Journal of Tabriz University of Medical Sciences*. 1997; 35:21-28.

Afrasiabi, A., Pezeshkian, M. Review of Clinical, Angiographic evidences and results of surgery at nine patients with coronary artery fistula. *Medical Journal of Tabriz University of Medical Sciences*. 1996; 37:1-6.

Afrasiabi, A., Hassanzadeh, S. Malfunction of membrane oxygenator during open heart surgery, A case report. Medical Journal of Tabriz University of Medical Sciences. 1996; 36:113-116.

Translations:

Hazinski, M.F., Cummins, R.O., Field, J.M. Handbook of Emergency Cardiovascular care for health providers. American Heart Association. 2001. Translated by: Afrasiabi, A., Safaie, N., Hassanzadeh, S.

Innovations:

Performing Maze III operation for the first time in Iran

Using Radial artery as a conduit in CABG for the first time in Tabriz university

Preserve and repair of Aortic valve in acute aortic dissection instead of Bentall operation

Using valved patch for repair of large ventricular septal defect with systemic pulmonary hypertension

using monocusp valve by 0/1 millimeter Gortex patch for reconstruction of pulmonary valve in severe Tetralogy of Fallot

Starting and continuing of off pump coronary artery bypass in Tabriz university

Aortic valve replacement and Bentall operation via ministernotomy approach

On pump beating CABG in high risk coronary artery disease

Inducing of systemic hyperkalemia for protection of heart in high risk and redo open heart surgery

Memberships:

European association of cardiothoracic surgery. 2004-Present

Iranian Society of Cardiac Surgeon. 1995-present

Referees:

Yoosefnia M, MD, cardiac surgeon, Shahid Rajaii heart hospital, Tehran, Iran

Tabatabai MB, MD, cardiac surgeon, Shahid Rajaii heart hospital, Tehran, Iran