



Tabriz University of Medical Sciences (TUOMS)
School of Medicine

Curriculum Vitae

Personal Data:

First name: *Abbas*

Last name: *Afrasiabi Rad*

Nationality: *Iranian*

Date of birth: *1960*

Place of birth: *Salmac*

Marital status: *married*

Specialty: *Cardiovascular surgery*

Academic rank: *Professor*

Department/Research Center: *Department of Cardiac Surgery*

Address (Office): *Department of Cardiac Surgery, Madani Heart Hospital, Daneshgah Street, Tabriz, Iran*

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h-index (Scopus): *8*

ORCID ID: <https://orcid.org/0000-0003-3655-7209>

Scopus ID: *6602508655*

ResearcherID: [M-2729-2017](https://orcid.org/0000-0003-3655-7209)

ORCID:

Fields of interest

Cardiac surgery :CABG,Ao Valve repair,Congenital heart surgery

Skills: (language, software...)

English, Spss,office

- Highly professional in performing bypass surgery, aortic surgery, and other congenital heart surgeries
- Committed to delivering high-quality surgical care to minimize recovery time
- Strong ability to communicate clearly and effectively to patients and staff

Languages: English, Persian (Farsi), Azeri

Educational Background:

Date	Degree	Institution	Country
Educated more than 2 cardiac surgery residents annually for 15 years			
Presented and published considerable number of academic papers in different national/international seminars and high ranked journals			
Founded and managed the Heart Research Center			
Induced systemic hyperkalemia for protection of the heart in high risk and redo open heart surgery			
Implemented ministernotomy approach for Aortic valve replacement and Bentall operation			
Performed on-pump beating CABG in high risk coronary artery disease			
Collaborated with European and Regional Associations of Heart Surgeons			
Active member of European Association for Cardio-Thoracic Surgery (EACTS) since 2004			

Sabbaticals:

Start and End Date (month/year)	Details
Trained in Congenital Heart Surgery in Toronto Sick Children Hospital University of Toronto, Ontario, Canada	2001
Trained in Valvar Surgery in Toronto General Hospital University of Toronto, Ontario, Canada	1998

Thesis

Degree	Title
خانم دکتر مژگان نصیری دستیار تخصصی بالینی (رزیدنتی) -کودکان	مقایسه نتایج میان مدت بالون آنژیوپلاستی و اصلاح جراحی کوآرکتاسیون ذاتی آنورت در کودکان
دکتر بهنام آتشی چهرمی دستیار تخصصی بالینی (رزیدنتی) -قلب و عروق	مقایسه پیامد های بالینی در بیماران تحت مداخله با دو روش آنژیوپلاستی و بای پس قلبی با تنگی شریان کرونری
دکتر علی فرید دکترای فوق تخصصی جراحی قلب و عروق	نتایج ترمیم سینوس والسالوا در آنوریسم های Root آنورت
دکتر نصراله مقامی پور دکترای فوق تخصصی جراحی قلب و عروق	بررسی نتایج عمل جراحی دو پوسته شدن حاد آنورت
دکتر ناصر صفائی دکترای فوق تخصصی جراحی قلب و عروق	بررسی و پیگیری بیماران دریچه میترال بعد از Cox Maze-III Operation
دکتر مراد هاشم زهی دکترای فوق تخصصی جراحی قلب و عروق	مقایسه عمل دریچه آنورت به دو روش استرنوتومی محدود و استرنوتومی میانی
خانم دکتر لادن قربانی دکترای فوق تخصصی جراحی قلب و عروق	مقایسه نتایج عمل جراحی عروق کرونری به روش On-Pump-beating CABG Conventional CABG - در بیماران کرونری High risk
دکتر ولی اله حبیبی دکترای فوق تخصصی جراحی قلب و عروق	استفاده از تکنیک جدید دریچه بک لتی در ترمیم انسداد خروجی بطن راست در تترالوژی فالوت
دکتر احمدعلی خلیلی دکترای فوق تخصصی جراحی قلب و عروق	مقایسه نتایج حفاظت میوکارد در بیماران با گرفتاری سه زگ کرونر کاندید بای پس عروق کرونر به روش آنته گراد با آنته گراد رتروگرا کاردیوپلژین

Educational experience

Teaching

Date (month/year)	Course Name, Venue (Institution, Address)
2021	Trained in Congenital Heart Surgery in Toronto Sick Children Hospital University of Toronto, Ontario, Canada
1998	Trained in Valvar Surgery in Toronto General Hospital University of Toronto, Ontario, Canada
1995	General surgery residents, school of medicine, Tabriz University of Medical Sciences, Iran. 1995-present
1995	Cardiac surgery residents, school of medicine, Tabriz University of Medical Sciences, Iran. 1995-present

Workshop(s)

Date (month/year)	Course Name, Venue (Institution, Address)

Lecture(s)

Date (month/year)	Details
June 7-9, 2019 , Baku,Azarbaijan.	Afrasiabi, A. Choice of valve in pulmonary valve replacement. 6 th International congress of the Azerbaijan Society for Cardiovascular surgery “Baku Heart Days”.
27Feb - 1March, 2019, Tehran,Iran	Afrasiabi, A. Choice of Prosthetic Valves in Redo- PVR.. 7 th Iranian joined cardiovascular congress .27Feb - 1March, 2019, Tehran,Iran
27-29,2018 Tabriz,Iran	Afrasiabi, A. Emergency Coronary Artery Bypass Graft Surgery for Acute Coronary Syndrome.The Second Iranian Congress Acute Coronary Syndromes.June
May 15-17,2015;Baku,Azarbaijan	Afrasiabirad A.Asymetric aortic root aneurysm with or without aortic insufficiency. 5 th International congress of the Azerbaijan Society for Cardiovascular surgery

	"Baku Heart Days".
<i>March 1-4 ,2012;Antalya,turkey</i>	<i>Afrasiabi, A., Safaie, 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.</i>
<i>March 1-4 ,2012;Antalya,turkey</i>	<i>Afrasiabi, A., Safaie, N.,Montazergaem, H.On pump beating coronary artery bypass in high risk coronary patients8th international congress of update in cardiology andcardiovascularsurgery.</i>
<i>October 27-30, 2009; Tehran, Iran</i>	<i>Afrasiabi, A. Hypothermia versus normothermia in cardiac surgery with cardiopulmonary bypass. 6th International congress of Iranian society of cardiac surgeons.</i>
<i>October 27-30, 2009; Tehran, Iran</i>	<i>Afrasiabi, A., Safaie, N., Habibi, V. Surgical results of transatrial-transpulmonary repair of tetralogy of fallot. 6th International congress of Iranian society of cardiac surgeons.</i>
<i>October 27-30, 2009; Tehran, Iran</i>	<i>Afrasiabi, A., Parvizi, R., Safaie, N., Jodati, AR., Pezeshkian, M. Aortic valve repair in acute aortic dissection.6th International congress of Iranian society of cardiac surgeons.</i>
<i>December 10-12, 2008; Mashad, Iran</i>	<i>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.</i>
<i>December 10-12, 2008; Mashad, Iran</i>	<i>Afrasiabi, A., Safaie, 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.</i>
<i>July 15-17, 2005; Hyderabad, India</i>	<i>Afrasiabi, A., Pezeshkian, M., Rastkar, B., Samadi, M., Safaie, N., Montazergaem, H. Valvar patch for closing VSD with systemic pulmonary hypertension. 7th Annual conference of pediatric cardiacsociety of India..</i>
<i>April 12-15, 2004; Istanbul, Turkey</i>	<i>Afrasiabi, A., Safaie, N. Is using intracoronary shunt in all off pump CABG needed. 12th Annual meeting of the Asian society for cardiovascular surgery.</i>
<i>February 12-15, 2003; Kuala Lumpur, Malaysia .</i>	<i>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.</i>
<i>February 12-15, 2003, Kuala Lumpur, Malaysia</i>	<i>Afrasiabi, A., Safaie, N. Minimally invasive aortic valve and subaortic valve surgery via partial sternotomy. 11th Annual meeting of the Asian society for cardiovascular surgery.</i>
<i>October 8-11, 2002; Tehran, Iran.</i>	<i>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.</i>
<i>October 8-11, 2002; Tehran, Iran.</i>	<i>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.</i>
<i>October 8-11, 2001; Tehran, Iran</i>	<i>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.</i>
<i>October 12-15, 2001; Tehran, Iran</i>	<i>Afrasiabi, A., Hassanzadeh, S., Sattarivand, A. Effects of fasting in Ramadan on plasma lipid profiles in Hyperlipidemic men. International congress on health and Ramadan.</i>
<i>October 1-3, 2000; Tehran, Iran.</i>	<i>Afrasiabi, A., Hassanzadeh, S. Evaluation of interval between onset of acute chest pain and admission to hospital. Seminar of emergency medicine.</i>
<i>October 22-25, 1998; Tehran, Iran.</i>	<i>Afrasiabi, A., Pezeshkian, M. Minimally invasive of aortic and subaortic valve surgery Oct via partial sternotomy. 11th congress of Iranian heart association.</i>
<i>May 2-5, 1997; Isfahan, Iran.</i>	<i>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.</i>
<i>May 2-5, 1997; Isfahan, Iran.</i>	<i>Afrasiabi, A., Hasanzadeh, S., Parvizi, R. Relieving pain with TENS after open heart surgery. Isteastern Mediterranean congress on preventive cardiology and 10th annual Iranian congress ofcardiovascular diseases.</i>

Research Activities:

Research areas, Interests

Ao .Valve repair

Books:

N	Title	authors	Publisher	Authorship/ Translation/
	<i>Handbook of Emergency Cardiovascular care fao health providers.</i>	<i>Hazinski, M.F., Cummins, R.O., Field, J.M. Handbook of Emergency Cardiovascular care fao health providers. American Heart Association. 2001.</i>	<i>American Heart Association. 2001.</i>	<i>Translated by: Afrasiabi, A., Safaie, N., Hasanzadeh, S.</i>

Selected articles:

N	Title	authors	Journal	year	Indexed in (Scopus, Medline, WOS,)
1.	<i>Valve patch technique for repair of ventricular septal defect: long term results.</i>	<i>Afrasiabi rad A, Samadi M, Faridvand Y, Vatani P.</i>	<i>Asian Cardiovascular and Thoracic Annals.</i>	<i>2021</i>	PubMed
2.	<i>Stem cells as therapy for heart disease: iPSCs, ESCs, CSCs, and skeletal Myoblasts</i>	<i>Rikhtegara R, Pezeshkian M, Dolatia S, Safaie N, Afrasiabi Rad A, Mahdipour M, Nourid M, Jodati A, R, Yousefif, M*</i>	<i>Biomedicine & Pharmacotherapy</i>	<i>2019</i>	Scopus- PubMed
3.	<i>Mesenchymal stem cell and bone marrow mononuclear cell therapy for cardiomyopathy: From bench to bedside.</i>	<i>Dolati S, mehdi Yousefi^{2,4,5} Mahdipour M, Afrasiabi Rad A, Pishgahi A, Nouri MJodati AR.</i>	<i>J Cell Physiol</i>	<i>2018</i>	PubMed
4.	<i>The role of sphingosine 1 phosphate in coronary artery disease and ischemia reperfusion injury</i>	<i>Mihanfar¹ A, Nejabati HR, Fattahi A, Latifi Z, Pezeshkian M, Afrasiabi A, Safaie N, Jodati AR, Nouri M.</i>	<i>J Cell Physiol</i>	<i>2018</i>	Scopus- PubMed
5.	<i>SIRT3-mediated cardiac remodeling/repair following myocardial infarction</i>	<i>Mihanfar A, Nejabati HR, Fattahi A, latifi Z. Faridvand Y, Pezeshkian M, Jodati AR, Safaie N, Afrasiabi A, Mohammad Nourib 108 (2018) 367–373</i>	<i>Biomedicine & Pharmacotherapy</i>	<i>2018</i>	Scopus- PubMed
6.	<i>On pump beating coronary artery bypass in high risk coronary patients.</i>	<i>Afrasiabirad A, safaie N, Montazergaem H.</i>	<i>IJMS.2015;40:40-44</i>	<i>2015</i>	PubMed
7.	<i>Dispersive liquid-liquid</i>	<i>Zamani-Kalajahi M, Fazeli-Bakhtiyari R, Amiri M,</i>	<i>Bioanalysis.</i>	<i>2013</i>	PubMed

	<i>microextraction based on solidification of floating organic droplet followed by spectrofluorimetry for determination of carvedilol in human plasma.</i>	<i>Golmohammadi A, Afrasiabi A, Khoubnasabjafari M, Jouyban A.</i>			
8.	<i>Scoliosis after thoracotomy/sternotomy in children with congenital heart disease.</i>	<i>Feiz HH, Afrasiabi A, Parvizi R, Safarpour A, Fouladi RF</i>	<i>.Indian J Ortho p</i>	2012	Scopus
9.	<i>Atherosclerotic Changes in Common Carotid Artery, Common Femoral Artery, and Ascending Aorta/Aortic Arch in Candidates for Coronary Artery Bypass Graft Surgery</i>	<i>Tarzamni MK, Eshraghi N, Fouladi RF, Afrasiabi A, Halimi M, Azarvan A.</i>	<i>Angiology. 2012 ;63:622-9.</i>	2012	Scopus- PubMed
10.	<i>Influence of anterior periaortic fat pad excision on incidence of postoperative atrial fibrillation</i>	<i>Kazemi B, Ahmadzadeh A, Safaei N, Jodati A, Sohrabi B, Afrasiabi A.</i>	<i>Eur J Cardiothorac Surg.</i>	2011	Scopus- PubMed
11.	<i>Valve sparing aortic root reconstruction in acute dissection of the ascending aorta</i>	<i>Safaie, N., Afrasiabi, A., Jodati, A. Shahmohammadi, G., Negargar, S., Mahmoodpoor,</i>	<i>pak J Med Sci</i>	2011	
12.	<i>Isolated cardiac hydatidosis - a case report.</i>	<i>Toufan, M., Afrasiabi, A., Pourafkari, L</i>	<i>Kardiol Pol.</i>	2010	Scopus- PubMed
13.	<i>Neurocognitive impairment after off-pump and on-pump coronary artery bypass graft surgery - an Iranian experience</i>	<i>Farhoudi, M., Mehrvar, K., Afrasiabi, A., Parvizi, R., Khalili, AA., Nasiri, B., Hashemzadeh, K., Ghabili, K.</i>	<i>Neuropsychiatr Dis Treat</i>	2010	PubMed
14.	<i>Evaluation of total Anomalous Pulmonary Vein Connection and Its Outcomes in the Madani heart hospital from 1986 to 2008.</i>	<i>Ghaffari, Sh., Afrasiabi, A., Bilan, N., Samadi, M., Ghaffari, MR., Rastghar, B., Changhizi, A.</i>	<i>Medical Journal of Tabriz University of Medical Sciences.</i>	2010	
15.	<i>Comparison of Fatty Acid Profile between Epicardial and Subcutaneous Adipose in Patients Undergoing Coronary Bypass Graft Surgery</i>	<i>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.</i>	<i>Medical Journal of Tabriz University of Medical Sciences.</i>	2010	PubMed
16.	<i>Erythropoietin prevention effect on induced apoptosis by ischemia-reperfusion in myocytes of Rats</i>	<i>Javadi, L., Pezeshkian, M., Afrasiabi, A., Garjani, A., Roshangar, L., Golmohamadi, Z., Noori, M.</i>	<i>Journal of Cardiovascular and Thoracic Research</i>	2010	PubMed
17.	<i>Comparison of the effect of incentive spirometry on pulmonary volumes and arterial blood gases after coronary bypass surgery.</i>	<i>Afrasiabi. A., Ansarin, KH., Hassanzadeh salmasi, S.</i>	<i>The Armaghane-danesh.</i>	2006	PubMed
18.	<i>The effects of incentive spirometry on pulmonary volumes and arterial blood gases after coronary artery bypass surgery.</i>	<i>Afrasiabi, A., Hassanzadeh Salmasi, S., Negargar, S., Ghaffari, M., Ansarian, Kh.</i>	<i>Journal of Kermanshah University of Medical Sciences</i> <i>The Scientific Quarterly Behbood.</i>	2006	

19.	<i>Valvar patch for ventricular septal defect with pulmonary artery hypertension.</i>	<i>Afrasiabi, A., Samadi, M., Montazergaem, H.</i>	<i>Asian Cardiovasc Thorac Ann.</i>	2006	PubMed
20.	<i>Relationship between hyperhomocysteinemia and oxidative stress with severity of atherosclerotic lesion</i>	<i>Pezeshkian, M., Nouri, M., Refahi, R., Afrasiabi, A., Rahbani, M., Qujeq, D.</i>	<i>Journal of Medical Sciences.</i>	2005	
21.	<i>Case Report of Main pulmonary artery aneurysm.</i>	<i>Afrasiabi, A., Safaei, N. A</i>	<i>Medical Journal of Tabriz University of Medical Sciences.</i>	2004	
22.	<i>Transcranial and carotid Doppler study in coronary artery bypass graft patients.</i>	<i>Farhoudi, M., Afrasiabi, A., Tarzamni, M., Khoshnam, M., Arami, M.</i>	<i>Neurosciences Journal</i>	2004	PubMed
23.	<i>Mini Sternotomy versus full sternotomy for aortic and subarotic valve surgery</i>	<i>Afrasiabi, A., Hashemzahi, M.</i>	<i>Iranian Heart Journal.</i>	2004	
24.	<i>Rheumatic valvular heart surgery and maze III procedure</i>	<i>Afrasiabi, A., Safai, N..</i>	<i>Saudi Med Journal.</i>	2004	Scopus- PubMed
25.	<i>The Effects of delay in time from onset of acute chest pain to admission to coronary care unit in patients with acute myocardial infarction</i>	<i>Afrasiabi, A., Hassanzadeh, S.</i>	<i>Medical Journal of Tabriz University of Medical Sciences.</i>	2003	
26.	<i>Tepid blood versus cold crystalloid cardioplegia in cardiac protection.</i>	<i>Afrasiabi, A., Hassanzadeh, S.</i>	<i>Saudi Med Journal</i>	2003	
27.	<i>Tepid blood versus cold crystalloid cardioplegia in cardiac protection</i>	<i>Afrasiabi, A., Hassanzadeh, S.</i>	<i>Saudi Med Journal</i>	2003	
28.	<i>The effects of cardiac rehabilitation in patients with coronary artery disease</i>	<i>Afrasiabi, A., Toofan, M., Pirzad, L., Hassanzadeh, S., Pirzad, H. The effects of cardiac rehabilitation in patients with coronary artery disease</i>	<i>Saudi Med Journal</i>	2003	
29.	<i>The effects of cardiac rehabilitation in patients with coronary artery disease.</i>	<i>Afrasiabi, A., Toofan, M., Pirzad, L., Hassanzadeh, S., Pirzad, H.</i>	<i>Saudi Med J.</i>	2003	Scopus- Publisher-PubMed
30.	<i>Effects of low fat and low calorie diet on plasma lipid levels in the fasting month of Ramadan</i>	<i>Afrasiabi, A., Hassanzadeh, S., Nouri, M., Mahboob, S.</i>	<i>Saudi Med J</i>	2003	Scopus- PubMed
31.	<i>Effects of Ramadan fasting on serum lipid profiles on 2 hyperlipidemic groups with or without diet pattern</i>	<i>Afrasiabi, A., Hassanzadeh, S., Sattarivand, A.</i>	<i>Saudi Med Journal</i>	2003	Scopus- PubMed
32.	<i>Perceptions of patients from stressors in ICU after cardiac surgery</i>	<i>Afrasiabi, A., Hassanzadeh, S.</i>	<i>Iranian Heart Journal</i>	2003	
33.	<i>Case Report of Precoarctation Aneurysm.</i>	<i>Afrasiabi, A., Safaei, N., Hassanzadeh, S. A</i>	<i>Medical Journal of Tabriz University of Medical Sciences</i>	2002	
34.	<i>Measuring of hospital stress on cardiac patients in Shahid Madani Heart hospital in Tabriz</i>	<i>Afrasiabi, A., Hassanzadeh, S., Pezeshkian, M.</i>	<i>Medical Journal of Tabriz University of Medical Sciences.</i>	2001	
35.	<i>Study of MDA, antioxidant vitamins,</i>	<i>Pezeshkian, M., Nouri, M., Zahraei, M., Afrasiabi, A.,</i>	<i>Islamic Academy of Science</i>	2001	

	<i>lipoproteins serum levels and anthropometry parameters in coronary artery disease patients.</i>	<i>Abadi, N.</i>			
36.	<i>Aspects of health managements(Management's patterns, excitement, guidance, decision)</i>	<i>Pezeshkian, M., Nouri, M., Afrasiabi, A.</i>	<i>Medical Journal of Tabriz University of Medical Sciences.</i>	<i>2000</i>	
37.	<i>Massive air emboli during open heart surgery, Report of three cases.</i>	<i>Parvizi, R., Afrasiabi, A.</i>	<i>Medical Journal of Tabriz University of Medical Sciences</i>	<i>1999</i>	
38.	<i>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 rteries</i>	<i>Nouri, M., Zahraii, M., Pezeshkian, M., Afrasiabi, A.</i>	<i>Medical Journal of Tabriz University of Medical Sciences.</i>	<i>1999</i>	
39.	<i>Patients opinion about how the prefer to spend time before operation</i>	<i>Afrasiabi, A., Hassanzadeh, S.</i>	<i>Medical Journal of Isfahan University of Medical Sciences</i>	<i>1999</i>	
40.	<i>Relief of pain and improved pulmonary function with TENS after open heart surgery.</i>	<i>Afrasiabi, A., Hasanzadeh, S., Parvizi, R.</i>	<i>Medical Journal of Tabriz University of Medical Sciences.</i>	<i>1997</i>	
41.	<i>Primary cardiac embryonal rhabdomyosarcoma: A case report of primary tumor in 8 year old girl</i>	<i>Talghini, Sh., Afrasiabi A.</i>	<i>Medical Journal of Tabriz University of Medical Sciences</i>	<i>1997</i>	
42.	<i>Evaluation of serum level of creatine kinase MB isoenzyme in cardiac surgery.</i>	<i>Pezeshkian, M., Afrasiabi, A.</i>	<i>Medical Journal of Tabriz University of Medical Sciences.</i>	<i>1997</i>	
43.	<i>Review of Clinical, Angiographic evidences and results of surgery atnine patients with coronary artery fistula</i>	<i>Afrasiabi, A., Pezeshkian, M..</i>	<i>Medical Journal of Tabriz University of Medical Sciences.</i>	<i>1996</i>	
44.	<i>Malfunction of membrane oxygenator during open heart surgery, A case report</i>	<i>Afrasiabi, A., Hassanzadeh, S.</i>	<i>Medical Journal of Tabriz University of Medical Sciences.</i>	<i>1996</i>	

Research projects:

N	Title	Details
1.	<i>Performing Maze III operation for the first time in Iran</i>	
2.	<i>Radial artery as a conduit in CABG for the first time in Tabriz university</i>	
3.	<i>Preserve and repair of Aortic valve in acute aortic dissection instead of Bentall operation</i>	
4.	<i>Valved patch for repair of large ventricular septal defect with systemic pulmonary hypertention</i>	
5.	<i>Monocusp valve by 0/1 milimeter Gortex patch for reconstruction of pulmonary valve in severe Tetralogy of Fallot</i>	
6.	<i>Starting and continuing of off pump coronary artery bypass in Tabriz university of medical sciences</i>	
7.	<i>Aortic valve replacement and Bentall operation via ministernotomy approach On pump beating CABG in high risk coronary artery disease</i>	
8.	<i>Inducing of systemic hyperkalemia for protection of heart in high risk and redo open heart surgery</i>	

Positions held: (past- current)

Start and End Date	Job Title, Responsibilities and achievements
<i>2006-Present.</i>	<i>Professor in cardiac surgery, Department of cardiac surgery, University of Medical Sciences, Tabriz, Iran.</i>
<i>2001-2006</i>	<i>Associate professor in cardiac surgery, Department of cardiac surgery, University of Medical Sciences, Tabriz, Iran.</i>
<i>1995-2001</i>	<i>Assistant professor in cardiac surgery, Department of cardiac surgery, University of Medical Sciences, Tabriz, Iran</i>
<i>2001</i>	<i>Deputy of president of Tabriz University of medical sciences in research affairs for one year in</i>
<i>2000</i>	<i>Vice president of Tabriz University of medical sciences for one year in</i>
<i>2018 – Present</i>	<i>Head of the Operating Room Department, Shahid Madani Hospital, Tabriz</i>
<i>2024– Present</i>	<i>Teaching Assistant of the Department of Heart and Thoracic Surgery</i>
<i>2015-present</i>	Cardiac Surgeon- Valiasr International Private Hospital, Tabriz, Iran
<i>2015-present</i>	Head of Cardiac Surgery Department Valiasr International Private Hospital, Tabriz, Iran

Association Memberships (past and current)

Start and End Date	Job Title, Responsibilities and achievements
<i>2004-Present</i>	<i>European association of cardiothoracic surgery</i>
<i>1995-present</i>	<i>Iranian Society of Cardiac Surgeon.</i>

Awards and Recognitions

Start and End Date	Details