

Curriculum Vitae

Hooman Bakhshandeh Abkenar MD, PhD

Rajaie Cardiovascular, Medical and Research Center. Tehran University of Medical Sciences

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Academic Education

Tehran University of Medical Sciences, Tehran, Iran **2004 - 2010**

PhD degree in Epidemiology – Department of Epidemiology and Biostatistics, School of Public Health

Shaheed Beheshti University of Medical Sciences, Tehran, Iran **1990 - 1997**

MD degree in General Medicine - School of Medicine

Professional Activities and Memberships

Academic and Society Memberships

Scientific Board Member (Assistant Professors of Epidemiology) **2006-present**

Rajaie Cardiovascular, Medical and Research Center, Tehran University of Medical Sciences (TUMS), Tehran, Iran

Founder Committee of Cardiovascular Research Center **2007**

Rajaie Cardiovascular, Medical and Research Center, TUMS

Founder Committee of Cardiovascular Intervention Research Center **2009**

Rajaie Cardiovascular, Medical and Research Center, TUMS

Research Council **2011 - present**

Rajaie Cardiovascular, Medical and Research Center, TUMS

Research Strategy Planning Council **2012**

Rajaie Cardiovascular, Medical and Research Center, TUMS

Appreciation, discontent and proposition Committee **2011 - present**

Rajaie Cardiovascular, Medical and Research Center, TUMS

<i>Hospital Infection Control Committee</i> Rajaie Cardiovascular, Medical and Research Center, TUMS	2011 - present
<i>Mortality and Morbidity Committee</i> Rajaie Cardiovascular, Medical and Research Center, TUMS	2011 - present
<i>Medical Ethics Committee</i> Rajaie Cardiovascular, Medical and Research Center	2010 - 2011
<i>Medical Council of the Islamic Republic of Iran</i>	1997 - present
<i>Iranian Epidemiological Association</i>	2005 - present
<i>Iranian Heart Association</i>	2008 - present
<i>Iranian Public Health Association</i>	2005 - present
<i>Iranian Society of Ahl-e-Ghalam (book makers)</i>	1995 - Present
<i>Medical Students Research Committee</i> Shaheed Beheshti University of Medical Sciences (SBMU)	1994 - 1997
<u>Administrative Activities</u>	
<i>Research Director</i> Rajaie Cardiovascular, Medical and Research, TUMS	2011 - present
<i>Deputy for Vice-Chancellor of Research</i> Rajaie Cardiovascular, Medical and Research, TUMS	2011 - present
<i>Head of Medical Research Development Center</i> Rajaie Cardiovascular, Medical and Research, TUMS	2011 - present
<u>Collaborations with Other Research Institute</u>	
<i>Research Consultant</i> Radiology Research Center, TUMS	2003 - present
<i>Research Consultant</i> Iranian Blood Transfusion Organization (IBTO)	2005 - 2006
<i>Research Consultant</i> Deputy of Research, Tehran University of Medical sciences	2005 - 2007
<i>Scientific board Member</i> Science and Biotechnology Research Institute, Ministry of Sciences, Research and Technology, Tehran, Iran	2002 - 2004
<i>Research Consultant</i>	1998 - 2002

Baghiyatallah University of Medical Sciences, Tehran, Iran

Research Consultant

2000 - 2002

National Institute of Nutritional Research
Vice Chancellor for Research, SBMU

Research Consultant

2002 - 2004

National Research Center of Medical Sciences, Tehran, IR Iran

Medical Journalism

Managing editor

2011 - present

Research in Cardiovascular Medicine (The Official Journal of Rajaie Cardiovascular, Medical and Research Center, TUMS)

Research Methodology/ Statistical Editor

2011 - present

Research in Cardiovascular Medicine

Peer Review System Designer

2004

Iranian Journal of Radiology, TUMS

Research Methodology/ Statistical Editor

2004 - present

Iranian Journal of Radiology, TUMS

Persian Language Editor

2005 - present

Journal of School of Public Health and Institute of Public Health Research, TUMS

Consultant

2000

"Pajouhandeh" Journal, SBMU

Publications (English Articles Only)

B. Moradi, M. Maleki, M. Esmailzadeh, **H Bakhshandeh Abkenar**. Physician-Related Factors Affecting Cardiac Rehabilitation Referral. ? *J Teh Univ Heart Ctr* .Article in Press.

Firouzabadi N, Shafiei M, Bahramali E, Ebrahimi SA, **Bakhshandeh H**, Tajik N. Association of angiotensin-converting enzyme (ACE) gene polymorphism with elevated serum ACE activity and major depression in an Iranian population. *Psychiatry Res*. 2012 Jun 9. [Epub ahead of print]

Firouzabadi N, Tajik N, Bahramali E, **Bakhshandeh H**, Ebrahimi SA, Maadani M, Rasoulia M, Mobasheri T, Shafiei M. Association of angiotensin-converting enzyme polymorphism with coronary artery disease in Iranian patients with unipolar depression. *Clin Biochem*. 2012 Jun 5. [Epub ahead of print]

Naderi N, **Bakhshandeh H**, Amin A, Taghavi S, Dadashi M, Maleki M. Development and Validation of The First Iranian Questionnaire to Assess Quality of Life in Patients With Heart Failure: IHF-QoL. *Res Cardiovasc Med*. 2012;1(1): 10-6. DOI: 10.5812/cardiovascmed.4186

Abdi S, Salehi N, Ghodsi B, Basiri HA, Momtahn M, Firouzi A, Sanati HR, Shakerian F, Maadani M,

Bakhshandeh H, Chamanian S, Chitsazan M, Vakili-Zarch A. Immediate results of percutaneous trans-luminal mitral commissurotomy in pregnant women with severe mitral stenosis. *Clin Med Insights Cardiol.* 2012;6:35-9

Firouzabadi N, Tajik N, Shafiei M, Ebrahimi SA, **Bakhshandeh H**. Interaction of A-240T and A2350G related genotypes of angiotensin-converting enzyme (ACE) is associated with decreased serum ACE activity and blood pressure in a healthy Iranian population. *Eur J Pharmacol.* 2011 Oct 1;668(1-2):241-7.

Sanati HR, Zahedmehr A, Shakerian F, **Bakhshandeh H**, Firoozi A, Kiani R, Sadeghpour A, Asgharnedjad E, Mikaelpour A, Nabati M. Percutaneous Mitral Valvuloplasty Using Echocardiographic Intercommissural Diameter as Reference for Balloon Sizing: A Randomized Controlled Trial. *Clin Cardiol.* 2012 Jun 6. doi: 10.1002/clc.22013

Amin A, Taghavi S, Esmailzadeh M, **Bakhshandeh H**, Naderi N, Maleki M Pulmonary Arterial Elastance for Estimating Right Ventricular Afterload in Systolic Heart Failure. *Congest Heart Fail.* 2011 Nov-Dec;17(6):288-93. doi: 10.1111/j.1751-7133.2011.00222.x.

Farsad F, Baharestani B, Pouraliakbar HR, Hashemian F, **Bakhshandeh H**, Zavarehee A, Nadermohammadi M. Comparison of the Clinical Efficacy of Bovine Thrombin and Compression Method in Femoral Pseudo Aneurysm of Patients Undergoing per Coetaneous Coronary Intervention at Shaheed Rajaie Cardiovascular Medical and Research Center. *J Cardiovasc Thorac Res* 2011; Vol.3 (1): 1-7

Alaei F, Arabi Moghadam MY, Mortaezaian H, Alaei M, **Bakhshandeh H**. Balloon Angioplasty versus Surgical Repair of Coarctation of Aorta in Infants. *J Teh Univ Heart Ctr* 2011;6(3):134-137.

G.Alinaghimadad, M.Rezaei, A.Mohebbi, M.Kiavar, SZM.Ojaghi Haghighi, M.Esmailzadeh, A.Sadeghpour, N.Samiei, **H.Bakhshandeh**, F.Noohi, HA.Bassiri, B.Mohebbi, Percutaneous Mitral Ballooon Valvotomy; Single Center Experience: A Review of Outcome. *Iranian Heart Journal* 2011; 12(2):16-23

Kyavar M, Sadeghpour A, Madadi S, Ebrahimi L, Alizadeh Sani Z, **Bakhshandeh H**. Echocardiographic Assessment of Adults with Repaired Tetralogy of Fallot: A Cardiovascular Magnetic Resonance Comparison Study. *Iranian Heart Journal* 2011; 12(2):26-33

M Esmailzadeh, MT Salehi Omran, M Maleki, M Haghjoo, F Noohi, Z Ojaghi Haghighi, A Sadeghpour, P Nakhostin Davari, **H Bakhshandeh Abkenar** Non-invasive localization of accessory pathways in patients with wolff-parkinson-white syndrome: a strain imaging study. *Eur J Echocardiography Abstracts Supplement* (2011) 12 (S2), ii124

Dalili M, Meraji SM, Davari P, Aarabi Moghaddam MY, **Bakhshandeh Abkenar H**, Vahidi A, Shahmohammadi A. Growth Status of Iranian Children with Hemodynamically Important Congenital Heart Disease. *Acta Medica Iranica.* 2011; 49(2), 103-108

S. M. Alavi, B. Baharestani, B. F. Farsad, **H.Bakhshandeh**, T. Babae. Intraoperative Magnesium Sulfate Can Reduce Narcotic Requirement after Coronary Bypass Surgery. *Iranian Heart Journal* 2011; 12(1):6-11

H. Azarnik, H.Rezvantlab, **H.Bakhshandeh**, A. Vakili, M. Maadani. Incidence and Predictors of Cardiac Markers Elevation after Coronary Intervention. *Iranian Heart Journal* 2011; 12(1):27-34

Sanati HR, Kiavar M, Salehi N, Shakerian F, Firoozi A, Parsa SA, Behzadnia N, **Bakhshandeh H**, Peighambari MM, Maleki M. Percutaneous mitral valvuloplasty--a new method for balloon sizing based

on maximal commissural diameter to improve procedural results. *Am Heart Hosp J.* 2010 Summer;8(1):29-32.

Azarnik H, Mirazaie M, Pourkarimi MA, Sadr Ameli MA, **Bakhshandeh H**, Samiei N. Prevalence of Left Atrial Thrombosis in Patients with Atrial Flutter. *Iranian Heart Journal.* 2010; 11(3):24-28

Kyavar M, Sadeghpour A, Behzadnia N, Maddadi S, **Bakhshandeh H**. Evaluation of Myocardial Systolic Global and Segmental Function by Strain and Strain Rate Imaging in Patients with Hypertrophic Cardiomyopathy. *Iranian Heart Journal.* 2010; 11(3):6-12

Esmailzadeh M, Homayounfar Sh., Maleki M*, Parsaei M, Sadeghpour A, **Bakhshandeh Abkenar H**. Evaluation of the relation between anterior mitral valve leaflet motion based on height-to-length ratio and the immediate outcome of percutaneous balloon mitral valvuloplasty. *Iranian Heart Journal.* 2010; 11(2):30-38

Esmailzadeh M, Mirdamadi A, Parsae M., Sadeghpour A, Maleki M, **Bakhshandeh Abkenar H**. Is the peak –to mean pressure gradient ratio useful for assessment of aortic valve prosthesis obstruction? *J Teh Univ Heart Ctr.* 2010 5 (2),pp.69-73

Esmailzadeh M, Sani ZA, Sanati HR, Maleki M, **Bakhshandeh Abkenar H**. Evaluation of regional myocardial systolic function in the early stage of acute myocardial infarction by strain rate imaging. *Iranian Cardiovascular Research Journal.* 2009, 3(4) pp.181-190

Ferasat-Kish R, Naddafnia H, Ghorbanloo M, Alavi M, **Bakhshandeh H**, Mohaghegh MR. Thromboelastography Analysis after Autologous Transfusion in Patients Undergoing Coronary Artery Bypass Surgery. *Iranian Heart Journal* 2009; 10 (4):19 -27

Fazelifar AF, Ashrafi P, Haghjoo M, **Bakhshandeh Abkenar H**. Ashour A, Azari S, Sadr –Ameli M.A. Predictors of ventricular tachycardia induction in syncopal patients with mild to moderate left ventricular dysfunction. *Cardiol J.* 2009 16 (4),pp.327-331

Esmailzadeh M, Hamidzad M, Kiavar M, **Bakhshandeh Abkenar H**, Esmailzadeh F. Non-invasive assessment of left ventricular end diastolic pressure in patients with chronic aortic regurgitation, comparison of the sensitivity and specificity of doppler echocardiography with angiography. *Iranian Cardiovascular Research Journal.* 2009, 3 (2). pp.91-96

Bakhshandeh H., Holakoie K., Zeraati H., Forouzanfar MH., Noohi F., Sadeghpour A., et al. Health state valuation in Iran; an exercise on cardiovascular diseases using visual analogue scale method. *Iranian J Public Health;* 2009, 38 (4), pp.46-55.

Kiavar M, Sadeghpour A, **Bakhshandeh H**, Tayyebi P, Bassiri HA, Esmailzadeh M, Maleki M, Noohi F. Are prosthetic heart valve fibrin strands negligible? The associations and significance. *J Am Soc Echocardiography.* 2009 Aug;22(8):890-4. E pub 2009 Jun 12.

Sadeghpour A, Kiavar M.,Tayyebi P.,Basiri HA.,Noohi F.,**Bakhshandeh H**. Frequency and associations of prosthetic valve fibrin strands. *Iranian heart Journal.* 2009; 9(4):23-31.

Shirani S, Shakiba M, Soleymanzadeh M, **Bakhshandeh H**, Esfandbod M. Ultrasonographic screening for abdominal aortic aneurysms in Iranian candidates for coronary artery bypasses graft surgery. *Arch Iran Med.* 2009 Jul; 12(4):383-8.

Esmailzadeh M., Soleimany Kh., Parsaee M., Bassiri HA., Esmailzadeh F., **Bakhshandeh Abkenar H.** Quantification of aortic regurgitation severity by left ventricular to right ventricular stroke volume ratio. *J Teh Univ Heart Ctr.* 2009; 2(4): 85-90.

Arabbi Moghaddam Y, Shahidi M, Givtaj N, **Bakhshandeh H.** Early post-operative risk factors after Fontan: Experience from the Rajaie Heart Center, Iran. *Cong Cardiol Today.* 2009; 7(3): 1-9

Tabib A, Emamzadegan R, **Bakhshandeh H,** Givtaj N. Prognostic Value of Serum B-Type Natriuretic Peptide in Early Mortality and Morbidity of Children with Congenital Heart Disease after Open Heart Surgery. *J Teh Univ Heart Ctr.* 2009;4(2) : 109-114

Roustaei N, Masoumi Lari SJ, Chalian M, Chalian H, **Bakhshandeh H.** Safety of ultrasound-assisted liposuction: a survey of 660 operations. *Aesthetic Plast Surg.* 2009 33(2):213-8.

Daryoush Saedi. Iman Mohseni, Hassan Jafari, **Hooman Bakhshandeh,MD.,** Majid Chalian, What is the most appropriate test in detecting prostate cancer in patients with intermediate prostate specific antigen levels? *Medical Journal of the Islamic Republic of Iran.* Vol. 22, No. 4, February, 2009. pp. 191- 197

Alireza A. Ghavidel*, Zahra Alinejad, Zia Toutonchi**, Eskandar Nourizadeh, Nasser Jalilifar, Ahmad Adambeig, **Hooman Bakhshandeh***,** Maziar Gholampour, Mohammad Bagher Tatatabaie. Continuous Local Infusion of Bupivacaine with ON-Q Pump System for Pain Management after Median Sternotomy. *The Iranian Journal of Cardiac Surgery.* August 2009 issue? Vol? pp.?

Haghighatkah HR, Sabouri S, Borzouyeh F, Bagherzadeh MH, **Bakhshandeh H,** Jalali AH. Diagnostic Accuracy of Multi-Slice Computed Tomographic (MSCT) Angiography in the Detection of Cerebral Aneurysms. *Iranian J Radiol* 2008;5(4) : 209-214

Sadeghpour A, Abtahi F, Kiavar M, Esmailzadeh M, Samiei N, Ojaghi SZ, **Bakhshandeh H,** Maleki M, Noohi F, Mohebbi A. Echocardiographic evaluation of mitral geometry in functional mitral regurgitation. *J Cardiothorac Surg.* 2008; 3:54.

Fazelifar AF, Basiri HA, Toloie A, Haghjoo M, Barakpour H, Emkanjoo Z, **Abkenar HB,** Zeighami M, Asgari F, Sadr-Ameli MA. Can prodromal symptoms predict recurrence of vasovagal syncope? *Cardiol J.* 2008;15(5):446-50.

Fazelifar AF, Bonakdar HR, Alizadeh K, Azarnik H, Haghjoo M, **Abkenar HB,** Samiei N, Sadr-Ameli MA. Relationship between QRS complex notch and ventricular dyssynchrony in patients with heart failure and prolonged QRS duration. *Cardiol J.* 2008;15(4):351-6.

Seyed Mojtaba Marashi, Arash Yazdanifard, Gita Shoeibi, **Hooman Bakhshandeh,** Parin Yazdanifard. The Analgesic Effect of Intravenous Neostigmine and Transdermal Nitroglycerine Added to Lidocaine on Intravenous Regional Anesthesia (Bier's Block): A Randomized, Controlled Study in Hand Surgery. *Int J Pharmacol.* 2008; 4(3): 218-222

Shirani Sh., Shakiba M., Ataefar M., Soleimanzadeh M., **Bakhshandeh H.,** Boroumand MA., Darabian S., Soleimani A., Esfandbod M. "Ultrasonographic Screening for Abdominal Aortic Aneurysm in Iranian Candidates of Coronary Artery Bypass Graft". *Iranian J Radiol* 2007;4(2) : 83-87.

Hajbabaei M., Alidadi S., Firouznia K., Shakiba M., **Bakhshandeh H.,** Shadman AA. Iopaque 300 versus Omnipaque 300: A Randomized, Double-Blind Clinical Trial for Comparison of Efficacy and Adverse

Effects in Peripheral Angiography. *Iranian J Radiol* 2007, 4(2): 77-82

Ameri A.A, Eslambolchi A., **Bakhshandeh H.** "Anatomic variants of Para-nasal sinuses and chronic sinusitis". *Iranian J Radiol* 2005; 3&4(2): 121-25

Fattahi Masrouf F., Arjmand Shabestari A., **Bakhshandeh H.** Effect of physical activities on bone mineral density an incidence of fractures in post-menopausal women: A comparison of presence or absence of other risk factors. *Iranian J Radiol* 2003; 3&4(1): 91-97

Bakhshayesh-Karam M, Ghofrani M, Sadeghi S, **Bakhshandeh H.**, and Mohammadi F. Factors contributing to pneumothorax in Transthoracic CT-Guided Needle Biopsy. *Tannafof (The Respiration) medical Journal* 2002; 1(1): 15-21

Bakhshayesh-Karam M, Ghofrani M, Sadeghi S, **Bakhshandeh H.**, and Mohammadi F. "Thoracic CT-Guided Needle Biopsy: A Report of 150 cases". Accepted for publishing in *Tannafof (The Respiration) medical Journal*.

Presentations in International Scientific Congresses and Meetings

Assessment of Left Atrial Function by 2D Strain using Velocity Vector Imaging in Patients with Systolic Heart Failure. M. Esmailzadeh, M. Maleki, A. Amin, F. Vakilian, F. Noohi, Z. Ojaghi Haghighi, P. Nakhostin Davari, **H. Bakhshandeh Abkenar.** Euroecho 2011 Budapest , Hungary, Dec 7-10, 2011

Non-invasive Localization of Accessory Pathways in Patients with Wolff-Parkinson-White Syndrome: A Strain Imaging Study. M. Esmailzadeh, MT Salehi Omran, M. Maleki, M. Haghjoo, F. Noohi, Z. Ojaghi Haghighi, A. Sadeghpour, P. Nakhostin Davari, **H. Bakhshandeh Abkenar.** Euroecho 2011 Budapest , Hungary, Dec 7-10, 2011

diagnostic accuracy of brain natriuretic peptide in distinguishing cardioembolic ischemic stroke from other subtypes 16th world congress on heart disease The Hyatt Regency Vancouver, BC, Canada; July 23-26, 2011

The Relation between Left Atrial 2D Strain and Diastolic Dysfunction in Patients with Systolic Heart Failure using Velocity Vector Imaging. M. Esmailzadeh, F. Vakilian, M. Maleki, A. Amin, **H. Bakhshandeh Abkenar.** Echocardiography Today and Tomorrow 10th International Symposium, St.Wolfgang , Austria, June 20-24, 2011

UTILITY OF RIGHT VENTRICULAR STRAIN IMAGING IN PREDICTING PULMONARY VASCULAR RESISTANCE IN PATIENTS WITH PULMONARY HYPERTENSION

Member of panel, Education and Research panel, 27th Iranian Congress of Radiology, Tehran, Iran; May 17th – 20th , 2011

Ghaderi F., Parsaei M., Alizadeh A., **Bakhshandeh H.**, Noninvasive assessment of pulmonary artery pressure with tissue Doppler imaging; 17th Congress of Iranian Heart Association; Tehran, Iran, May 10th – 13th, 2011

Farsad F., Basiri HA., Safara E., Hashemian F., **Bakhshandeh H.**, Zavarehee A., Assessment of clopidogrel resistance by platelet function test : optical aggregometry in Ischemic heart disease patients undergoing coronary intervention; 17th Congress of Iranian Heart Association; Tehran, Iran, May 10th – 13th, 2011

Maadani M., Momtahn M., Ansari N., Ghelich Y., **Bakhshandeh H.**, Azizian A. Periprocedural bacteriemia during elective percutaneous coronary intervention; 17th Congress of Iranian Heart Association; Tehran, Iran, May 10th – 13th, 2011

Sari L., Moradi B., Maleki M., **Bakhshandeh H.**, Factors Associated with failure to complete phase –II cardiac rehabilitation; 17th Congress of Iranian Heart Association; Tehran, Iran, May 10th – 13th, 2011

Hosseini SH., Amin A., **Bakhshandeh H.**, Maleki M., Keshavarz A., Determination of nutritional status in hospitalized heart failure elderly in Shaheed Rajaie cardiovascular medical and research center; 17th Congress of Iranian Heart Association; Tehran, Iran, May 10th – 13th, 2011

Sanati H.R., Sadeghi Z., Zahedmehr A., Shakerian Ghahferokhi F., Firouzi A., Salehi N., Kiani R., Alizadeh Diz A., **Bakhshandeh H.**, Maadani M., Risk factors of reperfusion failure following primary angioplasty for ST segment elevation myocardial infarction(STEMI) ; 17th Congress of Iranian Heart Association; Tehran, Iran, May 10th – 13th, 2011

Farsad F., Pouraliakbar H.R., Hashemian F., Pharm D., **Bakhshandeh H.**, Zavarehee A., Nadermohammadi M., Comparison of the clinical efficacy between bovine thrombin and compression method in the management of femoral pseudoaneury patients post – percutaneous coronary intervention at Shaheed Rajaie Cardiovascular Medical and Research Center; 17th Congress of Iranian Heart Association; Tehran, Iran, May 10th – 13th, 2011

Azarnik H., Rezvantlab H., **Bakhshandeh H.**, Maadani M. Incidence and predictor of cardiac enzymes elevation after coronary intervention; 17th Congress of Iranian Heart Association; Tehran, Iran, May 10th – 13th, 2011

Kiavar M., Sadeghpour A., **Bakhshandeh H.**, Echocardiographic assessment of left ventricular systolic function: A cardiac magnetic resonance comparison study in adults with repaired tetralogy of Fallot; 17th Congress of Iranian Heart Association; Tehran, Iran, May 10th – 13th, 2011

Maleki M., Moradi B., Nalini M., **Bakhshandeh H.**, Physician-Related factors affecting cardiac rehabilitation referral; 17th Congress of Iranian Heart Association; Tehran, Iran, May 10th – 13th, 2011

Naderi N., **Bakhshandeh H.**, Amin A., Taghavi S., Dadashi M., Maleki M., Development and validation of the first Iranian questioner for assessing quality of life in patients with heart failure: IQOL – HF; 17th Congress of Iranian Heart Association; Tehran, Iran, May 10th – 13th, 2011

Peighambari MM., Sadeghpour A., Kiyavar M., Javani B., Khajali Z., **Bakhshandeh H.**, Givtadj N., Omrani GH., Mid – term follow- up of pulmonary valve bioprostheses in patients with congenital heart disease in Iran; 17th Congress of Iranian Heart Association; Tehran, Iran, May 10th – 13th, 2011

M. Esmaeilzadeh, ZA. Sani, HR. Sanati, M. Maleki, A. Sadeghpour, M. Parsaee, **H. Bakhshandeh.** valuation of regional myocardial systolic function in the early stage of acute myocardial infarction using strain rate imaging: impact of different therapeutic strategies (primary percutaneous coronary intervention vs. thrombolytic therapy and conservative therapy). ICC 2010, 26-28 Feb , HongKong.

F. Kargar, Aazami M, Samiei N, Bakhsahndeh H. TRICUSPID VALVE IS FUNCTIONALLY BICUSPID: A NEW FUNCTIONAL DIVISION BASED ON THE INVOLVEMENT OF SUBVALVAR APPARATUS. The 59th Annual Meeting of the Scandinavian Association for Thoracic Surgery, 2010, Oslo / Norway.

Baghaie Tehrani R, Ghanbari A, Tabib A, Tutunchi Z, Soltani B, Safa P. **Bakhshandeh H.** Comparison the effects of crystalloid and blood cardioplegia on myocardial protection in congenital heart diseases. 13th European Congress on extracorporeal Circulation Technology. Aarhus, Denmark. June 17th – 20th, 2009.

Alizadeh Keivan , Fazelifar Amir Farjam , Bonakdar Hamid Reza , Azarnik Hosein , Emkanjoo Zahra , Haghjoo Majid , Alizadeh Abolfath , Ojaghi Haghighi Zahra , Esmailzadeh Maryam , Sadeghpour Anita , Samiei Niloufar , **Bakhshandeh Abkenar Hooman**, Maleki Majid , Noohi Fereidoun , Sadr-Ameli Mohammad AliMD . Relationship Between QRS Complex Notch and Left Ventricular Dyssynchrony in Patients with Heart Failure and Prolonged QRS Duration. 16th Congress of Iranian Heart Association, in collaboration with American College of Cardiology, Tehran, Iran. November 18-21, 2008

Esmailzadeh Maryam , Hamidzad Maryam , Kiavar Majid , Esmailzadeh Fatemeh , **Bakhshandeh Hooman**. Non Invasive Assessment of Left Ventricular End-Diastolic Pressure in Patients with Chronic Aortic Regurgitation, Application of a new index by CW Doppler Echocardiography. 16th Congress of Iranian Heart Association, in collaboration with American College of Cardiology, Tehran, Iran. November 18-21, 2008

Esmailzadeh Maryam , Soleimany Khadijeh , Parsaee Mozghan , Bassiri , Esmailzadeh Fatemeh , **Bakhshandeh Hooman**. Echocardiographic Assessment of Aortic Regurgitation Severity by Left Ventricular to Right Ventricular Stroke Volume Ratio, Comparison with Cardiac Catheterization. 16th Congress of Iranian Heart Association, in collaboration with American College of Cardiology, Tehran, Iran. November 18-21, 2008

Hadjibabaie M, Alidadi S, Firouznia K, Ghanaati H, Rokni H, **Bakhshandeh H**, Shadman Yazdi AA. et al. Iopaque 300 vs. Omnipaque300: comparison of efficacy and adverse effects in peripheral angiography. 22nd Iranian Congress of Radiology. Tehran, Iran. January 16-19, 2007

Azizian A, **Bakhshandeh H**, Riyahi Alam N, Guity M. Assessment of statistical methods used in the Iranian original articles in mammography. 21st Iranian Congress of Radiology. Tehran, Iran. January 17-20, 2007

Bakhshayesh-Karam M, Ghofrani M, Sadeghi S, **Bakhshandeh H.**, and Mohammadi F. "Thoracic CT-Guided Needle Biopsy: A Report of 150 cases" [Oral]. Presented at the *Annual Meeting of the Cardiovascular and Interventional Radiological Society of Europe (CIRSE)*, Maastricht, September 2000

Educational Activities

Instructor

Basic Epidemiology

Academic Training Courses (educational Terms) in school of Public Health, Tehran University of Medical sciences and Faculty of Basic Sciences, Sciences and Technology Unit, Azad Islamic University

Instructor and Course Designer

Research Methodology and Biostatistics

Academic Training Courses (educational Terms) in Rajaie Cardiovascular, Medical and Research Center, TUMS

Instructor and Course Designer

Computer - Assisted Biostatistics Workshop

Rajaie Cardiovascular, Medical and Research Center, TUMS

Instructor and Course Designer

Research Methodology for Nursing Workshop

Rajaie Cardiovascular, Medical and Research Center, TUMS

Instructor and Course Designer

Essential Needs for Cardiovascular Medical Researchers Workshops

Rajaie Cardiovascular, Medical and Research Center, TUMS

Instructor and Course Designer

How to read the papers and Peer-Review Workshops

Tehran University of Medical Sciences

Course Moderator

MPH courses, Tehran University of Medical Sciences

Instructor and Facilitator

Research Methodology Workshops in several universities and research centers

Other Publications and Books

Language Editor

Abolghasemi H., Eshghi P (Eds). [Comprehensive Textbook of Thalassemia]. Baghiatallah University of Medical Sciences Publisher, Tehran 2004. ISSN: 4-6-94696-964

Language Editor

Yekrangian AR, Pejhan N. [Biochemistry of Metabolism]. Sarire Ghalam Publisher, Tehran 1995

Language Editor

Naghizadeh-Baei M. [Nutrition for Athletics]. Rahnama Publisher, Tehran 1993
