

## Curriculum vitae

### **Samad Ghaffari, M.D. FACC**

Professor of Cardiology, Interventional Cardiologist

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### ***Current Positions:***

Director, Cardiovascular Research Center, Tabriz University of Medical Sciences, Tabriz, IRAN.

Chief-Editor of "Journal of Cardiovascular and Thoracic Research"

Professor of Cardiology, Madani Heart Hospital, Tabriz University of Medical Science, IRAN.

### ***Education:***

1. General Medicine, Tabriz University of Medical Science, Tabriz, IRAN, 1987 – 1994
2. Board Certified in Cardiology, Tabriz University of Medical Science, Shahid Madani Heart Center, Tabriz, IRAN, 1994 – 1998
3. Interventional Cardiology, Shahid Rajaei Heart Center, Tehran, IRAN, 2000-2001.
4. Interventional cardiology, Insel Hospital, Bern, Switzerland, Sept 2008.
5. Advanced angiology and peripheral vascular intervention course, Park hospital, Leipzig, Germany, summer 2012.

### ***Teaching Experiences:***

1. Medical students, Faculty of Medicine, Tabriz University of Medical sciences, Tabriz, Iran.
2. Cardiology residents, Tabriz University of Medical Sciences, Tabriz, Iran. [Current]
3. Interventional cardiology fellows, Tabriz University of Medical Sciences, Tabriz, Iran. [Current]

### ***Professional experiences:***

1. Implementation of Echocardiography, including: transthoracic and transesophageal echocardiography, about 1200 cases per year, since 1998 until 2000 and from 2002 to 2004. [Currently 100-200/yr]
2. Implementation of Exercise Tolerance Test, about 700 cases per year, since 1998 until 2000 and from 2002 to 2004. [Currently 100-120/yr]
3. More than 200 Permanent Pacemaker implantation, 1998-2000.
4. Implementation of Angiography and cardiac catheterization: about 1000 cases annually, and more than 600/yr interventional procedures including coronary angioplasty, mitral and pulmonary valvuloplasty, few EVAR and renal artery angioplasty since 2002.

### ***Publications:***

- 1) Parvizi R, **Ghaffari S**, Hasanzade H, Safaii N. Intraaortic balloon pump Application from 1998-2000 in Madani Heart Hospital. Medical journal of Tabriz University of Medical Sciences, 2004; 60:11-15.
- 2) Amirfarhanghi A, **Ghaffari S**. Relationship between monocytosis and congestive heart failure after acute myocardial infarction. Iranian Heart Journal, 2004; 5(3):42-47.

- 3) Aslanabadi N, Jamshidi P, **Ghaffari S**, Ayatollahi Z, Kazemi,B, Javadzadegan H. Diagnostic and Therapeutic Variables of Mitral Stenosis in Males and Females. Behbud journal of Medicine.2005; 10(4): 311-319.
- 4) **Ghaffari S**, Sohrabi B. Effect of intravenous atropine on treadmill stress test results in patients with poor exercise capacity or chronotropic incompetence. Saudi Med J. 2006 Feb; 27(2):165-9. (4 citations).
- 5) Hakim H, Samadikhah J, **Ghaffari S**, Alizadeh A. Fibrinolytic therapy in acute thrombosis of mechanical prosthetic valve. Medical journal of Ardabil University of Medical Sciences. 2006; 6 (1):19-24.
- 6) **Ghaffari S**, Samadikhah J. Predictive value of thrombolysis in myocardial infarction risk score analysis for in-hospital and long term survival of patients with right ventricular infarction. Saudi Med J. 2006 Apr; 27(4):553-5.
- 7) **Ghaffari S**, Golmohammadi A. Correlation between neutrophilia and congestive heart failure after acute myocardial infarction. Medical journal of Ardabil University of Medical Sciences, 2006; 5 (4) 352-357.
- 8) **Ghaffari S**, Zerehpooch R. Correlation between electrocardiographic changes and coronary angiography findings during acute myocardial infarction. Medical journal of Ardabil University of Medical Sciences.2007; 7(4): 392-399.
- 9) **Ghaffari S**, Toufan M. The value of endothelium dependent vasodilatation in diagnosing coronary artery disease and its comparison with the results of routine diagnostic tests. Saudi Med J. 2007 Sep; 28(9):1344-9. (3 citations).
- 10) **Ghaffari S**, Samadikhah J. Treatment of spontaneous coronary artery dissection with drug-eluting stents. Saudi Med J. 2007 Mar; 28(3):451-3. ( 2 citations).
- 11) **Ghaffari S**, Rajabi N, Alizadeh A, Azarfarin R. Predictors of ventricular dysfunction and coronary artery disease in Iranian patients with left bundle branch block. Int J Cardiol. 2008 Nov 12; 130(2):291- 3 (9 citations).
- 12) **Ghaffari S**, Parvizi R, Pourafkari L. Delayed presentation of posttraumatic aortic false aneurysm with chronic cough. Am J Med Sci. 2009;338:525-6.
- 13) **Ghaffari S**, Pourafkari L. Heart in a calcium case: a case of constrictive pericarditis. Am J Med Sci. 2009 Dec; 338(6):505.
- 14) **Ghaffari S**, Nasiri B, Pourafkari L. Porcelain Aorta: A Case Report and a Review of Literature with Especial Focus on Tuberculosis Aortitis. J Cardiovasc Thorac Res. 2009; Vol.1: 43-47.
- 15) **Ghaffari S**, Hakim H, Ahmadpoor P. Transplanted Renal Artery Stenosis: a Case Report and Review of Literature. J Cardiovasc Thorac Res 2009; Vol.1 (2): 45- 48.
- 16) Yaghoubi A, Falsafi Z, Imani SH, **Ghaffari S**, Taghavi S. History of Fertility and Coronary Artery Disease in Iranian Women Older than 50 Years Old. J Cardiovasc Thorac Res 2009; Vol.1 (2): 33-36.
- 17) Jamshidi P, **Ghaffari S**, Mahmoodi K. Transpulmonary closing of left internal mammary artery to pulmonary artery fistula with polytetrafluoroethylene covered stent: a case report and review of literature. Cardiol J. 2009; 16(5):469-72. (6 citations).
- 18) **Ghaffari S**, Salehi R, Juibary GM, Abbasnezhad M. The Outcome of Tricuspid Regurgitation after Mitral Balloon Valvotomy for Severe Mitral Stenosis. Iranian Cardiovasc Res J 2009. 3(4), 207-12. (2 citations).
- 19) Nemati M, Shakeri A, Dehghan R, **Ghaffari S**. Prevalence of Abdominal Aortic Aneurysm in Patients with Coronary Artery Disease. J Cardiovasc Thorac Res 2009; Vol.1 (1): 1-4. (2 citations).
- 20) **Ghaffari S**, Sohrabi B, Siahdasht RB, Pourafkari L. Prevalence and predictors of renal artery stenosis in hypertensive patients undergoing coronary angiography. Hypertens Res. 2009 Nov; 32(11):1009-14. (16 citations).
- 21) Pourafkari L, Akbarzadeh F, **Ghaffari S**, Zamani B. A 70-year-old man with shortness of breath- what lies beneath? J Cardiovasc Thorac Res. 2010; Vol.2 (3): 35-37.

- 22) Pourafkari L, Akbarzadeh F, Ghaffari Sh, **Ghaffari S**. An 18-year-old male with palpitation. *J Cardiovasc Thorac Res*, 2010; Vol.2 (3): 39-40.
- 23) Pourafkari L, Ghaffari MR, Yaghoubi A, **Ghaffari S**. Amiodarone- Induced Lung Toxicity. *J Cardiovasc Thorac Res*. 2010; Vol.2 (2): 1-4.
- 24) Sohrabi B, Yaghoubi AR, **Ghaffari S**. The Impact of Diabetes on Early and Midterm Outcome of Patients Undergoing Coronary Artery Bypass Grafting Surgery. *Iranian Cardiovasc Res J*, 2010; Vol.4, (2), 66-9. (2 citations).
- 25) **Ghaffari S**, Pourafkari L. Pulmonary embolism in a patient with a rare coronary anomaly - a clue to the importance of proximal right coronary artery branches. *Kardiol Pol*. 2010;68(7):844-846.
- 26) **Ghaffari S**, Nasiri B, Pourafkari L. Eggshell pericarditis. *Intern Med J*. 2010; 40(7) 534 -5.
- 27) **Ghaffari S**, Akbarzadeh F, Pourafkari L. Aneurysmal coronary arteriovenous fistula closing with covered stent deployment: A case report and review of literature. *Cardiol J* 2010,17. (11 citations)
- 28) **Ghaffari S**, Pourafkari L. Acute myocardial infarction in a patient with post-splenectomy thrombocytosis: a case report and review of literature. *Cardiol J*. 2010; 17(1):79-82. (11 citations)
- 29) **Ghaffari S**, Pourafkari L. Images in clinical medicine. Aortic dissection during diagnostic aortography. *N Engl J Med*. 2010 Sep 23; 363 (13):e18.
- 30) **Ghaffari S**, Pourafkari L. Coronary spasm provocation with cold pressor test. *Intern Emerg Med*. 2010 Dec;5(6):559-60.
- 31) **Ghaffari S**, Separham A, Pourafkari L. Association of electrocardiographic changes with severity of coronary artery disease and short term outcome in patients with non-ST-segment elevation acute coronary syndromes. *Saudi Med J*. 2010 Apr;31(4):400-5.
- 32) Pourafkari L, Yaghoubi A, **Ghaffari S**. Amiodarone-induced pulmonary toxicity. *Intern Emerg Med*. 2011 Oct;6(5):465-6. (3 citations).
- 33) **Ghaffari S**, Pourafkari L, Sohrabi B, Aslan A, Sedghi Moghadam AM, Sepehrvand N, Ghaffari R, Akbarzadeh F, Yaghoubi A. Percutaneous Transvenous Mitral Commissurotomy; with or without Heparin? A randomized double blind study, *Kardiol Pol*. 2011;69(5):445-50. (3 citations).
- 34) Sohrabi B, **Ghaffari S**, Habibzadeh A, Chaichi P. Outcome of Diabetic and Non-Diabetic Patients Undergoing Successful Percutaneous Coronary Intervention of Chronic Total Occlusion. *Journal of Cardiovascular and Thoracic Research* 2011; 3 (2): 45- 48. (3 citations).
- 35) **Ghaffari S**, Kazemi B, Aliakbarzadeh P. Abnormal heart rate recovery after exercise predicts coronary artery disease severity. *Cardiol J*. 2011; 18(1):47-54. (46 citations).
- 36) Khosravi AR, Pourmoghadas M, Ostovan M, Mehr GK, Gharipour M, Zakeri H, Soleimani B, Namdari M, Hassanzadeh M, Tavassoli AA, **Ghaffari S**, Khaledifar A, Roghani F, Khosravi MR, Sarami S, Kojouri J, Nori F, Khosravi E, Jozan M, Sarrafzadegan N. The impact of generic form of Clopidogrel on cardiovascular events in patients with coronary artery stent: results of the OPCES study. *J Res Med Sci*. 2011 May; 16(5):640-50. (22 citations).
- 37) Separham A, Sohrabi B, Aslanabadi N, **Ghaffari S**. The Twelve-Month Outcome of Biolimus Eluting Stent with Biodegradable Polymer Compared with an Everolimus Eluting Stent with Durable Polymer. *Journal of Cardiovascular and Thoracic Research*, 2011, 3(4), 113-116. (18 citations).
- 38) **Ghaffari S**, Kazemi B, Gorbani I. Efficacy of a New Accelerated Streptokinase Regime in Acute Myocardial Infarction (A Double Blind Randomized Clinical Trial)". *Cardiovascular Therapeutics*. 31(1), pp. 53-59 (11 citations).
- 39) Malaki M, Ghaffari Sh, **Ghaffari S**, Rastkar B, Goldust M, Malaki P, Sahar B. Cardiac Findings in Congenital Nephrotic Syndrome. *Journal of Cardiovascular and Thoracic Research*, 2011, 3(3), 83-85.
- 40) Sohrabi B, **Ghaffari S**, Afsargarebagh R, Mahmoodi K, Pourafkari L, Abbasov E, Kazemi B, Sepehrvand N, Ghojzadeh M, Jamshidi P. The impact of stepwise stent deployment on the angiographic

and clinical outcome of coronary angioplasty in the setting of an acute myocardial infarction. *Saudi Med J.* 2011 Jun;32(6):571-8.

- 41) **Ghaffari S**, Hasanian MR, Pourafkari L, One-year Outcome of Stenting for Long Coronary Lesions, A Prospective Clinical Trial. *J Cardiovasc Thorac Res.* 2011; Vol.2 (4): 7-12.
- 42) Pourafkari L, **Ghaffari S**, Zamani B, Tolui M. Coronary Artery Ectasia in a Patient with Polycystic Kidney Disease. *Journal of Cardiovascular and Thoracic Research* 3 (3), 101-102. (3 citations). 2011; 3(3): 101–102.
- 43) Separham A, **Ghaffari S**, Pourafkari L. Railroad Track Sign: A Radiographic Clue to the Cause of Pulmonary Hypertension. *Am J Med Sci.* 2012 Oct 17.
- 44) Pourafkari L, Parvizi R, Separham A, **Ghaffari S**. A coin in the heart. *Heart Views.* 2012; 13(4): 155.
- 45) Khalili A, Ghorbanihaghjo A, Rashtchizadeh N, **Ghaffari S**. Association between Serum Ferritin and Circulating Oxidized Low-density Lipoprotein Levels in Patients with Coronary Artery Disease. *Journal of Cardiovascular and Thoracic Research*, 2012, 4(1), 1-4.
- 46) Aslanabadi N, Separham N, Beheshti R, **Ghaffari S**, Sohrabi B. OPTIMA Tacrolimus-eluting Stent: A Twelve-month Clinical Follow up with Two Different Periods of Dual Antiplatelet Therapy; 2-month vs. 6-month Approach. *Journal of Cardiovascular and Thoracic Research*, 2012, 4(3), 81-84. (2 citations).
- 47) Akbarzadeh F., Safa J., Sohrabi M., Ghaffari S., Differences in heart rate variability parameters before and after kidney transplantation in patients with renal failure, *Life Science Journal* Volume 9, Issue 4, 25 December 2012, Pages 3783-3786.
- 48) Daghighi, M.H., Javadrashid, R., Ghaffari, S., Sadighi, A., PourIssa, M., Abdkarimi, M.H., Ghorashi, S., Nezami, N., 64-Slice multidetector computed tomographic angiography and invasive coronary angiography in diagnosis of significant coronary artery stenosis, *Journal of Surgical Radiology*, Volume 3, Issue 4, 2012, Pages 204-209
- 49) **Ghaffari S**, Kazemi B, Toluey M, Sepehrvand N. The Effect of Pre-thrombolytic Cyclosporine-A Injection on Clinical Outcome of Acute Anterior ST-Elevation Myocardial Infarction. *Cardiovasc Ther.* 2012 Oct 13. doi: 10.1111/1755-5922.12010. (50 citations)
- 50) **Ghaffari S**, Separham A, Pourafkari L. Gossipyboma. *Asian Cardiovasc Thorac Ann* 2013, doi: 10.1177/0218492312474904
- 51) **Ghaffari S**, Yaghoubi A, Baghernejad R, Sepehrvand N, Sokhanvar S, Haghjou AG. The value of serum osteoprotegerin levels in patients with angina like chest pain undergoing diagnostic coronary angiography. *Cardiol J.* 2013;20(3):261-7. doi: 10.5603/CJ.2013.0071.
- 52) Sohrabi B, **Ghaffari S**, Habibzadeh A, Chaichi P, Kamalifar A. Outcome of Successful Versus Unsuccessful Percutaneous Coronary Intervention in Chronic Total Occlusions in One Year Follow-Up. *Cardiol Res* 2013;4(2):68-73.
- 53) **Ghaffari S**, Hakim H, Pourafkari L, Asl ES, Goldust M. Twenty-year route of prevalence of risk factors, treatment patterns, complications, and mortality rate of acute myocardial infarction in Iran. *Therapeutic advances in cardiovascular disease* 7 (3), 117-122. 2013 Jun;7(3):117-22. doi: 10.1177/1753944712474093. Epub 2013 May 1.
- 54) Sohrabi B, Habibzadeh A, **Ghaffari S**, Abbasnezhad M, Chaichi P, Salamzadeh A, Kamalifar A. Impact of Body Mass Index on In-Hospital Outcomes after Percutaneous Coronary Intervention. *Eur J Cardiovasc Med.* Vol2, Issue3 2013, DOI: 10.5083/ejcm.20424884.89.
- 55) Khalili A, **Ghaffari S**, Jodati A, Shokuhi B, Pourafkari L. Giant right atrial lipoma mimicking tamponade. *Asian Cardiovasc Thorac Ann* 2013, doi: 10.1177/0218492313504938.( 5 citations)
- 56) **Ghaffari S**, Erfanparast S, Separham A, Sokhanvar S, Yavarikia M, Pourafkari L. The Relationship between Coronary Artery Movement Type and Stenosis Severity with Acute Myocardial Infarction. *Journal of Cardiovascular and Thoracic Research.* 2013. 5 (2), 41-44.

- 57) **Ghaffari S**, Kazemi B, Dadashzadeh J, Sepehri B. The Relation between Left Coronary Dominancy and Atherosclerotic Involvement of Left Anterior Descending Artery Origin. *J Cardiovasc Thorac Res.* 2013;5(1):1-4. doi: 10.5681/jcvtr.2013.001. (5 citations).
- 58) Sohrabi B, Jamshidi P, Yaghoubi A, Habibzadeh A, Hashemi-Aghdam Y, Moin A, Kazemi B, **Ghaffari S**, Abdolhazadeh Baghayi MR, Mahmoody K. Comparison between covered and bare Cheatham-Platinum stents for endovascular treatment of patients with native post-ductal aortic coarctation: immediate and intermediate-term results. *JACC Cardiovasc Interv.* 2014 Apr;7(4):416-23. doi: 10.1016/j.jcin.2013.11.018. ( 25 citattions)
- 59) Azami-Aghdash S, **Ghaffari S**, Sadeghi-Bazargani H, Tabrizi JS, Yagoubi A, Naghavi-Behzad M. Developing Indicators of Service Quality Provided for Cardiovascular Patients Hospitalized in Cardiac Care Unit. *J Cardiovasc Thorac Res.* 2013;5(1):23-8. doi: 10.5681/jcvtr.2013.005. (17 citations).
- 60) Akbarzadeh F, Pourafkari L, **Ghaffari S**, Hashemi M, Sadeghi-Bazargani H. Predictive value of the fragmented QRS complex in 6-month mortality and morbidity following acute coronary syndrome. *International journal of general medicine*, 2013; 6: 399–404. 6, 399. (15 citations).
- 61) Aslanabadi, N., Toofan, M., Salehi, R., Alizadehasl, A., **Ghaffari, S.**, Sohrabi, B., Separham, A. Manafi, A., Mehdizadeh, M.B., Habibzadeh, A., Mitral regurgitation after percutaneous balloon mitral valvotomy in patients with rheumatic mitral stenosis: A single-center study, *Journal of Tehran University Heart Center*, Volume 9, Issue 3, 2014, Pages 109-114
- 62) Pourafkari L, **Ghaffari S**, Bancroft GR, Tajlil A, Nader ND. Factors associated with atrial fibrillation in rheumatic mitral stenosis. *Asian Cardiovasc Thorac Ann.* 2014 Apr 2. (10 citations)
- 63) Hasankhani, Gholizadeh, Mohammadi, Zamanzadeh, Allahbakhshian, **Ghaffari S**, Allahbakhshian, The lived experiences of patients post coronary angioplasty: A qualitative study, *J Vasc Nurs* , 2014 Dec;32(4):144-50. doi: 10.1016/j.jvn. 2014.04.001.
- 64) **Ghaffari, S.**, Separham A., Pourafkari L., Gossypiboma , *Asian Cardiovasc Thorac Ann* , 2014 May; 22(4):501.
- 65) Farajollahi A, Rahimi A, Shal EK, **Ghaffari S**, Ghojzadeh M, Tajlil A, Aslanabadi N. Patient's Radiation Exposure in Coronary Angiography and Angioplasty: The Impact of Different Projections. *Journal of cardiovascular and thoracic research.* 2014;6(4):247. ( 2 citations).
- 66) Kazemi B, Rostami A, Aslanabadi N, **Ghaffari S**. Electrocardiographic P-wave Indices as a Useful Tool to Predict Successful Percutaneous Balloon Mitral Valvotomy in Patients with Mitral Stenosis. *J Cardiovasc Thorac Res.* 2014;6(1):9-14. doi: 10.5681/jcvtr.2014.002.
- 67) Soleimannejad M, Aslanabadi N, Sohrabi B, Shamsheirgaran M, Separham A, Kazemi B, Khayati Shal E, Madadi R, Shirzadi H, Azizi H, **Ghaffari S**. Activated clotting time level with weight based heparin dosing during percutaneous coronary intervention and its determinant factors. *J Cardiovasc Thorac Res.* 2014;6(2):97-100.
- 68) **Ghaffari S**, Kazemi B, Saeidi G, Sepehri N, Pourafkari L. The Value of Simplified Selvester QRS Scoring System in Predicting ST-segment Resolution after Thrombolysis in Patients with Acute Myocardial Infarction. February 2014, VOL III ISSUE I, ISSN 2042-4884.10.5083/ejcm.20424884.108.
- 69) Pourafkari L, Taban M, **Ghaffari S**. Anomalous origin of right coronary artery from distal left circumflex artery: a case study and a review of its clinical significance. *J Cardiovasc Thorac Res.* 2014;6(2):127-30. doi: 10.5681/jcvtr.2014.027. (4 citations).
- 70) **Ghaffari S**, Nadiri M, Pourafkari L, Sepehri N, Movasagpoor A, Rahmatvand N, Rezazadeh Saatloo M, Ahmadi M, Nader ND. The predictive Value of Total Neutrophil Count and Neutrophil/Lymphocyte Ratio in Predicting In-hospital Mortality and Complications after STEMI. *J Cardiovasc Thorac Res.* 2014; 6(1):35-41. (53 citations).

- 71) Pourafkari L, **Ghaffari S**, Shahamfar J, Tokhmechian L, Nader ND. The psychological effects of cardiac rehabilitation after coronary revascularization. *Turk Kardiyol Dern Ars.* 2016 Apr; 44(3):228-36. doi: 10.5543/tkda.2015.56846.
- 72) Separham A, **Ghaffari S**, Aslanabadi N, Sohrabi B, Ghojazadeh M, Anamzadeh E, Hajizadeh R, Davarmoin G. Prosthetic valve thrombosis. *Journal of cardiac surgery.* 2015 Mar 1; 30(3):246-50. (3 citations).
- 73) Kassaian SE, Masoudkabar F, Sezavar H, Mohammadi M, Pourmoghaddas A, Kojouri J, **Ghaffari S**, Sanaati H, Alaeddini F, Pourmirza B, Mir E. Clinical characteristics, management and 1-year outcomes of patients with acute coronary syndrome in Iran: the Iranian Project for Assessment of Coronary Events 2 (IPACE2). *BMJ open.* 2015 Dec 1; 5(12):e007786. (2 citations).
- 74) Pourafkari L, **Ghaffari S**, Ahmadi M, Tajlil A, Nader ND. Association of ABO blood types with the risk of in-stent restenosis. *Perfusion.* 2015 Feb 16:0267659115573098. (2 citations).
- 75) Pourafkari L, **Ghaffari S**, Afshar AH, Anwar S, Nader ND. Predicting Outcome in Acute Heart Failure, does it matter? *Acta Cardiol.* 2015 Dec; 70(6):653-63. doi: 10.2143/AC.70.6.3120177. (2 citations)
- 76) Pourafkari L, **Ghaffari S**, Shahamfar J, Tokhmechian L, Nader ND. The psychological effects of cardiac rehabilitation after coronary revascularization. *Archives of the Turkish Society of Cardiology* 2016 Apr; 44(3):228-36. doi: 10.5543/tkda.2015.56846.
- 77) Shakouri SK, Razavi Z, Eslamian F, Sadeghi-Bazargani H, **Ghaffari S**, Babaei-Ghazani A. Effect of Enhanced External Counterpulsation and Cardiac Rehabilitation on Quality of Life, Plasma Nitric Oxide, Endothelin 1 and High Sensitive CRP in Patients With Coronary Artery Disease: A Pilot Study. *Annals of Rehabilitation Medicine.* 2015 Apr 1; 39(2):191-8. (8 citations).
- 78) **Ghaffari S**, Pourafkari, L., Javadzadegan, H., Masoumi, N., Jafarabadi, M. A., & Nader, N. D. (2015). Mean platelet volume is a predictor of ST resolution following thrombolysis in acute ST elevation myocardial infarction. *Thrombosis Research, 1*(136), 101-106. (16 citations).
- 79) Shakouri SK, Razavi Z, Eslamian F, Sadeghi-Bazargani H, **Ghaffari S**, Babaei-Ghazani A. Effect of Enhanced External Counterpulsation and Cardiac Rehabilitation on Quality of Life, Plasma Nitric Oxide, Endothelin 1 and High Sensitive CRP in Patients With Coronary Artery Disease: A Pilot Study. *Annals of Rehabilitation Medicine.* 2015 Apr 1; 39(2):191-8. (8 citations).
- 80) Aslanabadi, N., Shirzadi, H.R., Asghari-Soufi, H., Dousti, S. **Ghaffari, S.**, Sohrabi, B., Mashayekhi, S., Hamishehkar, H., Entezari-Maleki, T., A Pilot Randomized Trial of Pentoxifylline for the Reduction of Periprocedural Myocardial Injury in Patients Undergoing Elective Percutaneous Coronary Intervention, *Eur J Clin Pharmacol .* 2015 Feb; 71(2):143-9
- 81) Pourafkari L, Joudi S, **Ghaffari S**, Tajlil A, Kazemi B, Nader ND, ST-Segment Elevation in the Right Precordial Leads in Patients with Acute Anterior Myocardial Infarction. *Balkan Med J.* 2016 Jan; 33(1):58-63. doi: 10.5152/balkanmedj.2015.15975. (5 citations).
- 82) **Ghaffari S**, Niafar F, Separham A, Niafar M, Pourafkari L, Nader ND. Association between HbA1c levels with severity of coronary artery disease and short-term outcomes of acute ST-elevation myocardial infarction in nondiabetic patients. *Therapeutic advances in cardiovascular disease.* 2015 Oct; 9(5):305. (5 citations).
- 83) Ostovan MA, **Ghaffari S**, Pourafkari L, Dehghani P, Hajizadeh R, Nadiri M, Ghaffari MR. Modification of Simplified Pulmonary Embolism Severity Index and its Prognostic Value in Patients with Acute Pulmonary Embolism. *Heart Lung Circ.* 2016 Feb; 25(2):184-90. doi: 10.1016/j.hlc.2015.08.008. (3 citations).
- 84) Hajizadeh R, **Ghaffari S**, Rezvanieh Salehi SM, Aghavali S. Association of serum uric acid level with mortality and morbidity of patients with acute ST-elevation myocardial infarction. *Journal of Cardiovascular and Thoracic Research.* 2016; 8(2):56. (3 citations).

- 85) Pourafkari L, Tajlil A, Mahmoudi SS, **Ghaffari S**. The Value of Lead aVR ST Segment Changes in Localizing Culprit Lesion in Acute Inferior Myocardial Infarction and Its Prognostic Impact. *Ann Noninvasive Electrocardiol*. 2016 Jul; 21(4):389-96. doi: 10.1111/anec.12324. (3 citations).
- 86) Pourafkari L, Tajlil A, **Ghaffari S**, Chavoshi M, Kolahdouzan K, Parvizi R, Parizad R, Nader ND. Electrocardiography changes in acute aortic dissection-association with troponin leak, coronary anatomy, and prognosis. *Am J Emerg Med*. 2016 Aug; 34(8):1431-6. doi: 10.1016/j.ajem.2016.04.024. (2 citations)
- 87) **Ghaffari S**, Pourafkari L, Sepehrvand N, Aslanabadi N, Faridi L, Tajlil A, Masoumi N, Nader ND. Red cell distribution width is a predictor of ST resolution and clinical outcome following thrombolysis in acute ST elevation myocardial infarction. *Thromb Res*. 2016 Apr; 140:1-6. doi: 10.1016/j.thromres.2016.02.008.
- 88) Pourafkari L, **Ghaffari S**, Nasiri B, Toufan M, Nader ND. Chronic traumatic pseudoaneurysm of the ascending aorta. *Kardiologia Polska* 2016;74(6):600. doi: 10.5603/KP.2016.0093.
- 89) Separham A, **Ghaffari S**, Najafi H, Ghaffari R, Ziaee M, Babaei H. The Impact of Allopurinol on Patients With Acute ST Elevation Myocardial Infarction Undergoing Thrombolytic Therapy. *J Cardiovasc Pharmacol*. 2016 Oct; 68(4):265-268.
- 90) Pourafkari L, Tajlil A, **Ghaffari S**, Parvizi R, Chavoshi M, Kolahdouzan K, Khaki N, Parizad R, Hobika GG, Nader ND. The frequency of initial misdiagnosis of acute aortic dissection in the emergency department and its impact on outcome. *Intern Emerg Med*. 2016 Sep 3. [Epub ahead of print].
- 91) Aslanabadi N, Safaie N, Asgharzadeh Y, Houshmand F, **Ghaffari S**, Garjani A, Dousti S, Hamishehkar H, Entezari-Maleki T. The randomized clinical trial of coenzyme Q10 for the prevention of periprocedural myocardial injury following elective percutaneous coronary intervention. *Cardiovasc Ther*. 2016 Aug; 34(4):254-60. doi: 10.1111/1755-5922.12195.
- 92) **Ghaffari S**, Tajlil A, Aslanabadi N, Separham A, Sohrabi B, Saeidi G, Pourafkari L. Clinical and I predictors of coronary slow flow in coronary angiography. *Perfusion*. 2016 Jul 13. pii: 0267659116659918. [Epub ahead of print]
- 93) Pourafkari L, **Ghaffari S**, Nader ND. Incorporating Fragmented QRS on Surface Electrocardiogram to Exercise Stress Test. *Ann Noninvasive Electrocardiol*. 2016 Jul;21(4):435-6. doi: 10.1111/anec.12342.
- 94) Hajizadeh R, Kavandi H, Nadiri M, **Ghaffari S**. Association of ABO blood group with incidence and outcome of acute pulmonary embolism. *Turk Kardiyol Dern Ars*. 2016 Jul;44(5):397-403. doi: 10.5543/tkda.2016.43996.
- 95) **Ghaffari S**, Asadzadeh R, Tajlil A, Mohammadalian A, Pourafkari L. Predictive Value of Exercise Stress Test-Induced ST-Segment Changes in Leads V<sub>1</sub> and avR in Determining Angiographic Coronary Involvement. *Ann Noninvasive Electrocardiol*. 2016 May 25. doi:10.1111/anec.12370. [Epub ahead of print]
- 96) Pourafkari L, **Ghaffari S**, Tajlil A, Akbarzadeh F, Jamali F, Nader ND. Clinical Significance of ST Elevation in Lead aVR in Acute Pulmonary Embolism. *Ann Noninvasive Electrocardiol*. 2016 May 25. doi: 10.1111/anec.12368. [Epub ahead of print].
- 97) **Ghaffari S**, Pourafkari L, Nader ND. Single Coronary Artery: Pete Maravich Anomaly Revisited. *Am J Med Sci*. 2016 Apr;351(4):435-6. doi: 10.1016/j.amjms.2016.01.022.
- 98) Pourafkari L, **Ghaffari S**, Nader ND. Prognostic Value of Fragmented QRS on Admission in Non-ST-Elevation Myocardial Infarction. *Ann Noninvasive Electrocardiol*. 2016 Jan 28. doi: 10.1111/anec.12344.
- 99) Aslanabadi N, **Ghaffari S**, Aghdam NK, Ahmadzade m, et al. Poor outcome following percutaneous balloon mitral valvotomy in patients with atrial fibrillation. *J Cardiovasc Thorac Res*. 2016; 8(3): 126–131.
- 100) **Ghaffari S**, Pourafkari L, Tajlil A, Sahebihagh MH, et al. The prevalence, awareness and control rate of hypertension among elderly in northwest of Iran. *J Cardiovasc Thorac Res*. 2016; 8(4): 176–182.

- 101) **Ghaffari S**, Pourafkari L, Tajlil A, Bahmani-Oskoui R, Nader ND. Is female gender associated with worse outcome after ST elevation myocardial infarction? *Indian Heart J.* 2017 Apr;69 Suppl 1:S28-S33
- 102) **Ghaffari S**, Hajizadeh R, Pourafkari L, Shokouhi B, Tajlil A, Mazani S, Kavandi H, Ansari H, Nader ND. Air pollution and admissions due to ST elevation myocardial infarction-a time-series study from northwest of Iran. *Environ Sci Pollut Res Int.* 2017 Oct 4. doi: 10.1007/s11356-017-0343-1. [Epub ahead of print]
- 103) Aslanabadi N, Jafaripor I, Sadeghi S, Hamishehkar H, **Ghaffari S**, Toluey M, Azizi H, Entezari-Maleki T Effect of Vitamin D in the Prevention of Myocardial Injury Following Elective Percutaneous Coronary Intervention: A Pilot Randomized Clinical Trial. *J Clin Pharmacol.* 2017 Aug 25. doi: 10.1002/jcph.989. [Epub ahead of print].
- 104) Pourafkari L, , **Ghaffari, S.**, Zamani, N., Masnadi-Shirazi, K., Khaki, N. Tajlil, A.,
- 105) Afshar, A., Nader, N.D., Upper gastrointestinal bleeding in the setting of excessive warfarin anticoagulation: Risk factors, and clinical outcome, *Cor et Vasa*, Volume 59, Issue 2, April 2017, Pages e128-e133
- 106) Pourafkari, L, **Ghaffari, S.**, Tajlil, A., Safaei, N., Parizad, R., Chavoshi, M., Kolahdouzan, K., Nader, N.D., Gender-related differences in presentation and outcome of acute type a aortic dissection, *International Cardiovascular Research Journal*, Volume 11, Issue 3, 2017, Article number e10427, Pages 89-95
- 107) Pourafkari, L., Ghaffari, S., Tajlil, A., Hedayati, S., Nader, N.D., The impact of cardiac rehabilitation program on anxiety and depression levels after coronary artery bypass graft surgery, *Cor et Vasa*, 58(4), pp. e384-e390
- 108) Pourafkari L, Masnadi-Shirazi K, Taban M, Mohammadi S, Parizad R, **Ghaffari S**, Tajlil A, Khoshknab MMP, Nader ND. Higher Frequency of Nocturnal Blood Pressure Dipping but Not Heart Rate Dipping in Inflammatory Bowel Disease. *Dig Dis Sci.* 2017 Aug 23. doi: 10.1007/s10620-017-4712-x. [Epub ahead of print].
- 109) Separham A, **Ghaffari S**, Sohrabi B, Aslanabadi N, Hadavi Babil M, Lotfollahi H. Association of admission testosterone level with ST-segment resolution in male patients with ST-segment elevation myocardial infarction undergoing primary percutaneous coronary intervention. *Basic Clin Androl.* 2017 Jul 21;27:14. doi: 10.1186/s12610-017-0058-7.
- 110) Hajizadeh R, **Ghaffari S**, Separham A, Shokouhi B, Kavandi H, Pourafkari L, Nader ND. The value of peripheral blood eosinophil count in predicting in-stent restenosis in patients with stable angina pectoris undergoing drug eluting stenting. *Rom J Intern Med.* 2017 Jun 23. pii: /j/rjim.ahead-of-print/rjim-2017-0024/rjim-2017-0024.xml. doi: 10.1515/rjim-2017-0024. [Epub ahead of print].
- 111) Separham A, Sohrabi B, Pourafkari L, Sepasi N, **Ghaffari S**, Aslanabadi N, Nader ND Vitamin D is a predictor of ST segment resolution and infarct size following thrombolysis in patients with acute ST elevation myocardial infarction. *Turk Kardiyol Dern Ars.* 2017 Jun; 45(4):324-332. doi: 10.5543/tkda.2017.17737.
- 112) Pourafkari l, **Ghaffari S**, Tajlil A, Safaei N, Parizad R, et al. Gender-Related Differences in Presentation and Outcome of Acute Type A Aortic Dissection. *Int Cardio Res J.* 2017; 11(3):e10427.
- 113) **Ghaffari S**, Tajlil A, Aslanabadi N, Separham A, Sohrabi B, Saeidi G, Pourafkari L., Clinical and laboratory predictors of coronary slow flow in coronary angiography, *Perfusion.* 2017 Jan;32(1):13-19. doi: 10.1177/0267659116659918.
- 114) **Ghaffari S**, Taban Sadeghi M, Sayyadi MH., The association of right coronary artery conus branch size and course with ST segment elevation of right precordial leads and clinical outcome of acute anterior myocardial infarction., *J Cardiovasc Thorac Res.* 2017;9(1):49-53. doi: 10.15171/jcvtr.2017.07. Epub 2017 Mar 18.



- 115) **Ghaffari S**, Sepehrvand N, Pourafkari L, Hajizadeh R, Javanshir E, Nadiri M, Nader ND., Factors associated with elevated cardiac troponin levels in patients with acute pulmonary thromboembolism., *J Crit Care*. 2018 Apr;44:383-387. doi: 10.1016/j.jcrc.2017.12.023. Epub 2017 Dec 29.
- 116) Hajizadeh R, **Ghaffari S**, Habibzadeh A, Safaei N, Mohammadi K, Ranjbar A, Ghodrattizadeh S., Outcome of surgical embolectomy in patients with massive pulmonary embolism with and without cardiopulmonary resuscitation., *Kardiochir Torakochirurgia Pol*. 2017 Dec;14(4):241-244. doi: 10.5114/kitp.2017.72228. Epub 2017 Dec 20.
- 117) Hajizadeh R, **Ghaffari S**, Ziaee M, Shokouhi B, Separham A, Sarbakhsh P., In vitro inhibition of platelets aggregation with generic form of clopidogrel versus branded in patients with stable angina pectoris., *J Cardiovasc Thorac Res*. 2017;9(4):191-195. doi: 10.15171/jcvtr.2017.33. Epub 2017 Oct 10.
- 118) Pourafkari L, Baghbani-Oskouei A, Taban-Sadeghi M, Salamzadeh V, **Ghaffari S**, Savadi-Oskouei S, Nader ND., Factors Influencing Various Aspects of Patients' Knowledge of Oral Anticoagulation., *J Cardiovasc Pharmacol*. 2018 Mar;71(3):174-179. doi: 10.1097/FJC.0000000000000558. Erratum in: *J Cardiovasc Pharmacol*. 2018 Sep; 72(3):165.
- 119) Pourafkari L, Baghbani-Oskouei A, Aslanabadi N, Tajlil A, **Ghaffari S**, Sadigh AM, Savadi-Oskouei S, Enamzadeh E, Parizad R, Nader ND., Fine versus coarse atrial fibrillation in rheumatic mitral stenosis: The impact of aging and the clinical significance., *Ann Noninvasive Electrocardiol*. 2018 Jul;23(4):e12540. doi: 10.1111/anec.12540. Epub 2018 Mar 5.
- 120) Pourafkari L, **Ghaffari S**, Ahmadi M, Salehi R, Mazani S, Parizad R, Nader ND., Does multi-parity affect the size of the ascending thoracic aorta in women: a prospective cohort study., *Curr Med Res Opin*. 2018 Nov;34(11):1907-1912. doi: 10.1080/03007995.2018.1451314. Epub 2018 Apr 12.
- 121) Separham A, Sohrabi B, Tajlil A, Pourafkari L, Sadeghi R, **Ghaffari S**, Nader ND., Prognostic value of positive T wave in lead aVR in patients with non-ST segment myocardial infarction., *Ann Noninvasive Electrocardiol*. 2018 Sep;23(5):e12554. doi: 10.1111/anec.12554. Epub 2018 Apr 19.
- 122) Pourafkari L, Baghbani-Oskouei A, Toufan M, **Ghaffari S**, Nader ND., Hypoplastic posterior mitral valve leaflet: A case report and review of the literature., *Echocardiography*. 2018 Jul; 35(7):1052-1055. doi: 10.1111/echo.13898. Epub 2018 Apr 20. Review.
- 123) Ghorbani Z, Shamshirgaran SM, **Ghaffari S**, Sarbakhsh P, Najafipour F, Aminisani N., Hypertension prevalence, awareness, treatment and its correlates among people 35 years and older: Result from pilot phase of the Azar cohort study., *J Educ Health Promot*. 2018 Apr 3;7:45. doi: 10.4103/jehp.jehp\_118\_17. eCollection 2018.
- 124) Rashidi Y, Manaflouyan H, Pournaghi Azar F, Nikniaz Z, Nikniaz L, **Ghaffari S**., Knowledge, attitude and practice of Iranian hypertensive patients regarding hypertension., *J Cardiovasc Thorac Res*. 2018;10(1):14-19. doi: 10.15171/jcvtr.2018.02. Epub 2018 Mar 17.
- 125) Nakhilband A, Eskandani M, Omidi Y, Saeedi N, **Ghaffari S**, Barar J, Garjani A., Combating atherosclerosis with targeted nanomedicines: recent advances and future prospective., *Bioimpacts*. 2018;8(1):59-75. doi: 10.15171/bi.2018.08. Epub 2018 Feb 25. Review.
- 126) Mashayekhi S, Ziaee M, Garjani A, Sarbakhsh P, **Ghaffari S**., Prognostic Value of sLOX-1 Level in Acute Coronary Syndromes Based on Thrombolysis in Myocardial Infarction Risk Score and Clinical Outcome., *J Emerg Med*. 2018 Sep;55(3):390-398. doi: 10.1016/j.jemermed.2018.06.018.
- 127) **Ghaffari S**, Pourafkari L., Koilonychia in Iron-Deficiency Anemia., *N Engl J Med*. 2018 Aug 30;379(9):e13. doi: 10.1056/NEJMicm1802104. No abstract available.
- 128) Javanshir E, **Ghaffari S**, Hajizadeh R, Sakha H, Ghodrattizadeh S, Kavandi H., Comparison between Negative T waves characteristics in acute coronary syndrome and pulmonary embolism., *J Electrocardiol*. 2018 Sep - Oct;51(5):870-873. doi: 10.1016/j.jelectrocard.2018.07.005. Epub 2018 Jul 20.

- 129) Hashem-Dabaghian F, Ziaee M, **Ghaffari S**, Nabati F, Kianbakht S., A systematic review on the cardiovascular pharmacology of *Emblica officinalis* Gaertn., *J Cardiovasc Thorac Res.* 2018;10(3):118-128. doi: 10.15171/jcvtr.2018.20. Epub 2018 Sep 25. Review.
- 130) Mashayekhi S, Ziaee M, Garjani A, Sarbakhsh P, **Ghaffari S.**, Corrigendum to "Prognostic Value of sLOX-1 Level in Acute Coronary Syndromes Based on Thrombolysis in Myocardial Infarction Risk Score and Clinical Outcome" [*J Emerg Med.* 2018;55(3):390-8]., *J Emerg Med.* 2019 Jan;56(1):122. doi: 10.1016/j.jemermed.2018.09.050. Epub 2018 Nov 1. No abstract available.
- 131) Namdar H, Imani L, **Ghaffari S**, Aslanabadi N, Reshadati N, Samani Z, Davarmoin G, Moayyednia N, Nazer Y, Sarhangzadeh S, Separham A., ST-segment depression in left precordial leads in electrocardiogram of patients with acute inferior myocardial infarction undergoing primary percutaneous coronary intervention., *Interv Med Appl Sci.* 2018 Dec;10(4):191-197. doi: 10.1556/1646.10.2018.19.
- 132) **Ghaffari S**, Roshanravan N., Saffron; An updated review on biological properties with special focus on cardiovascular effects, *Biomed Pharmacother.* 2019 Jan;109:21-27. doi: 10.1016/j.biopha.2018.10.031. Epub 2018 Nov 2. Review.
- 133) Ziaee M, Mashayekhi S, **Ghaffari S**, Mahmoudi J, Sarbakhsh P, Garjani A., Predictive Value of Endocan Based on TIMI Risk Score on Major Adverse Cardiovascular Events After Acute Coronary Syndrome., *Angiology.* 2019 Nov; 70(10):952-959. doi: 10.1177/0003319718815241. Epub 2018 Dec 4.
- 134) Pourafkari L, Baghbani-Oskouei A, Aslanabadi N, Enamzadeh E, **Ghaffari S**, Salehi R, Sohrabi B, Savadi-Oskouei S, Tajlil A, Nader ND., The association between severe mitral stenosis and the size of the aortic root and the ascending thoracic aorta., *Turk Kardiyol Dern Ars.* 2019 Jan;47(1):45-52. doi: 10.5543/tkda.2018.04900.
- 135) Ziaee, Hajizadeh , Khorrani, Sepehrvand , Momtaz , **Ghaffari S.**, Cardiovascular complications of chronic opium consumption: A narrative review article. 2019 Dec;48(12):2154-2164.
- 136) Ebrahimoghli R, Janati A, Sadeghi-Bazargani H, Hamishehkar H, **Ghaffari S**, Sanaat Z, Farahbakhsh M, Farhoudi M, Khalili-Azimi A. *Pharmacoepidemiol Drug Saf.*, Epidemiology of multimorbidity in Iran: An investigation of a large pharmacy claims database., 2020 Jan;29(1):39-47. doi: 10.1002/pds.4925. Epub 2019 Nov 15.
- 137) **Ghaffari, S.**, Roshanravan, N., Tutunchi, H., (...), Pouraghaei, M., Kafil, B. Oleoylethanolamide, A Bioactive Lipid Amide, as A Promising Treatment Strategy for Coronavirus/COVID-19.
- 138) Taban Sadeghi M, Mahmoudian B, **Ghaffari S**, Moharamzadeh P, Ala A, Pourafkari L, Gureishi S, Roshanravan N, Abolhasani S, Pouraghaei M., Value of early rest myocardial perfusion imaging with SPECT in patients with chest pain and non-diagnostic ECG in emergency department., *Int J Cardiovasc Imaging.* 2019 May;35(5):965-971. doi: 10.1007/s10554-018-01518-0. Epub 2019 Jan 19.
- 139) Pourafkari L, Baghbani-Oskouei A, Savadi-Oskouei S, **Ghaffari S**, Parizad R, Tajlil A, Nader ND., Prediction Model for Significant Bleeding in Patients with Supratherapeutic International Normalized Ratio After Oral Administration of Warfarin., *Clin Drug Investig.* 2019 Jun;39(6):533-542. doi: 10.1007/s40261-019-00774-9.
- 140) Hajizadeh R, **Ghaffari S**, Rajebi H, Kavandi H, Javanshir E, Fahimi G, Ghodratizadeh S., Short-term mortality of patients with saddle pulmonary embolism: A single-center study., *Turk Kardiyol Dern Ars.* 2019 Jun;47(4):273-280. doi: 10.5543/tkda.2019.77292.
- 141) Faridvand Y, Bagherpour-Hassanlouei N, Nozari S, Nasiri N, Rajabi H, **Ghaffari S**, Nouri M., 1, 25-Dihydroxyvitamin D3 activates Apelin/APJ system and inhibits the production of adhesion molecules and inflammatory mediators in LPS-activated RAW264.7 cells., *Pharmacol Rep.* 2019 Oct;71(5):811-817. doi: 10.1016/j.pharep.2019.04.012. Epub 2019 Apr 15.
- 142) Aslanabadi N, Separham A, Valae Hiagh L, Karkon Shayan F, Toufan M, **Ghaffari S**, Enamzadeh E., Association of mean platelet volume with echocardiographic findings in patients with severe rheumatic

mitral stenosis., J Cardiovasc Thorac Res. 2019;11(2):95-99. doi: 10.15171/jcvtr.2019.17. Epub 2019 May 23.

- 143) Ziaee M, Khodayari MT, **Ghaffari S**, Garjani A., Response to Understanding Regression Methods: Clinical or Statistical Approach., Angiology. 2019 Nov; 70(10):983. doi: 10.1177/0003319719869087. Epub 2019 Aug 19. No abstract available.
- 144) Bakhtiari F, Davarmoin G, **Ghaffari S**, Aslanabadi N, Separham A., Electrocardiographic left ventricular hypertrophy is not associated with increased in-hospital adverse events in patients with first Non-ST segment elevation myocardial infarction: A single center study., Caspian J Intern Med. 2019 Summer;10(3):289-294. doi: 10.22088/cjim.10.3.289.
- 145) Toluey M, **Ghaffari S**, Tajlil A, Nasiri B, Rostami A., The impact of cigarette smoking on infarct location and in-hospital outcome following acute ST-elevation myocardial infarction., J Cardiovasc Thorac Res. 2019;11(3):209-215. doi: 10.15171/jcvtr.2019.35. Epub 2019 Aug 1.
- 146) Nikpayam O, Najafi M, **Ghaffari S**, Jafarabadi MA, Sohrab G, Roshanravan N., Effects of green coffee extract on fasting blood glucose, insulin concentration and homeostatic model assessment of insulin resistance (HOMA-IR): a systematic review and meta-analysis of interventional studies., Diabetol Metab Syndr. 2019 Nov 5;11:91. doi: 10.1186/s13098-019-0489-8. eCollection 2019.
- 147) Aslanabadi N, Separham A, Valae Hiagh L, Karkon Shayan F, Toufan M, **Ghaffari S**, Enamzadeh E., Reply to: Comment on "Association of mean platelet volume with echocardiographic findings in patients with severe rheumatic mitral stenosis", J Cardiovasc Thorac Res. 2019;11(4):329. doi: 10.15171
- 148) Roshanravan, N., **Ghaffari, S.**, Hedayati, M. Angiotensin Converting enzyme-2 as Therapeutic Target in COVID-19. 2020 May 12; 14(4):637-639. doi: 10.1016
- 149) Roshanravan, N., Alamdari, N.M., Jafarabadi, M.A., **Ghaffari, S.**, Ostadrahimi, A. Effects of oral butyrate and inulin supplementation on inflammation-induced pyroptosis pathway in type 2 diabetes: A randomized, double-blind, placebo-controlled trial. Diabetes Metab Syndr. 2020 July-August; 14(4): 637–639. Published online 2020 May 12. doi: 10.1016/j.dsx.2020.05.022.
- 150) **Ghaffari S**, Roshanravan N., The role of nutraceuticals in prevention and treatment of hypertension: An updated review of the literature, Food Res Int. 2020 Feb; 128:108749. doi: 10.1016.
- 151) **Ghaffari S**, Kolahdouzan, K., Rahimi, M., Tajlil, A. Predictors of ST depression resolution in STEMI patients undergoing primary PCI and its clinical significance. International Journal of General Medicine, 13, pp. 271-279. 8 June 2020 Volume 2020:13 Pages 271—279.

### ***Important Presentations:***

1. **Ghaffari S**. Unusual complications in non-coronary interventions, Euro PCR 2008, Barcelona, Spain.
2. **Ghaffari S**. Challenging case presentation 4: cardiogenic shock with acute left main occlusion; Europer 2017, Paris, France
3. **Ghaffari S**, Kazemi B, Gorbani I, Leili Pourafkari. Efficacy of a New Accelerated Streptokinase Regime in Acute Myocardial Infarction (A Double Blind Randomized Clinical Trial). 9th ICCAD congress, 23-26 October 2011, Venice- Italy.
4. **Ghaffari S**, Separham A, Pourafkari L. Association of electrocardiographic changes with severity of coronary artery disease and short term outcome in patients with non-ST-segment elevation acute coronary syndromes. 9th ICCAD congress, 23-26 October 2011, Venice- Italy.
5. **Ghaffari S**, Sohrabi B, Siahdasht RB, Pourafkari L. Prevalence and predictors of renal artery stenosis in hypertensive patients undergoing coronary angiography. 79th EAS congress, 26-29 June 2011, Gothenburg-Sweden.

6. **Ghaffari S**, Aslanabadi N, Djavadzadegan H, Pourafkari L, Jamshidi P, Toufan M. Percutaneous Transvenous Mitral Commissurotomy; with or without Heparin? A randomized double blind study. 17th Congress of Iranian Heart Association, 10-13 May 2011- Tehran-Iran.
7. **Ghaffari S**, Baghernejad R, Djavadzadegan H, Pourafkari L. Predictive value of serum osteoprotegerin levels in diagnosis and scoring of obstructive coronary artery disease and its comparison with routine diagnostic tests. 17th Congress of Iranian Heart Association, 10-13 May 2011- Tehran-Iran.
8. **Ghaffari S**, Kazemi B, Pourafkari L. The Value of Simplified Selvester QRS Scoring System in Predicting ST-segment Resolution after Thrombolysis in Patients with Acute Myocardial Infarction. The Second Iranian Cardiovascular Joint Congress, Feb 2014, Tehran, Iran.
9. Aslanabadi N., Sepahram A. , Manafi A. , **Ghaffari S** , Sohrabi B. Mitral Regurgitation after Percutaneous Balloon Mitral Valvotomy in Patients with Rheumatic Mitral Stenosis: A single center study. The Second Iranian Cardiovascular Joint Congress, Feb 2014, Tehran, Iran.
10. **Ghaffari S**, Multivessel VS. Culprit vessel PCI in acute STEMI. Iranian interventional cardiology summit. Nov, 2013, Tehran, Iran.
11. **Ghaffari S**, Tului M, Pourafkari L, Taban MR. The Effect of Prethrombolytic Cyclosporine A Injection on Acute Anterior ST-Elevation Myocardial Infarction Outcome. 17th Congress of Iranian Heart Association, 10-13 May 2011- Tehran-Iran.
12. **Ghaffari S**. Rescue PCI. 12th National congress on cardiovascular updates, June 2010, Tehran –Iran.
13. **Ghaffari S**, Samadikhah J, Vedjdani R. Predictive value of TIMI risk score analysis for in hospital and long term survival of patients with right ventricular infarction. Presented at 14th Congress of Iranian Heart Association in collaboration with British Heart Association, Nov .23-26. 2004, Tehran –Iran.
14. Amirfarhanghi A, **Ghaffari S**. Relationship between monocytosis and congestive heart failure after acute myocardial infarction. Presented at 14th Congress of Iranian Heart Association in collaboration with British Heart Association, Nov .23-26 .2004, Tehran –Iran.
15. Samadikhah J, Hakim H, Alizade A, **Ghaffari S**. Pericardial involvement in first acute myocardial infarction. Presented at 15th Congress of Iranian Heart Association in collaboration with British Heart Association, Nov 23-26, 2004 Tehran –Iran.
16. Mirinejad M, Aslanabadi N, Parvizy R, **Ghaffari S**. The role of TEE during operation on modifying the procedure of surgery in patients undergoing mitral valve operations. Presented at 14th Congress of Iranian Heart Association in collaboration with British Heart Association, Nov .23-26 .2004, Tehran –Iran.
17. **Ghaffari S**, Sohrabi, M. Toofan, A. Sajjadih Khajouei, A. Maneshgar. Use of atropine in patients with incomplete exercise test. presented at 12th congress on heart disease, Vancouver, July 17-19, 2005.
18. Aslanabadi N, Jamshidi P, **Ghaffari S**, et al. The comparison of diagnosis and therapy of mitral stenosis in males and females presented at 6th National Congress on cardiovascular update. June 11-14,2004 Mashhad - IRAN.
19. Salehi R, **Ghaffari S**, Shokouhi B. The effect of intravenous magnesium on mortality and morbidity of acute myocardial infarction. Presented at 6th Congress of Iranian Heart Association, May 2-4 1995 Tehran –Iran.
20. Hakim SH, Samadikhah J, **Ghaffari S**, Alizadeh A. Fibrinolytic therapy in acute thrombosis of mechanical prosthetic valve. Medical journal of Ardabil University of Medical Sciences, 2006; 6 (1) 60:19-24.
21. **Ghaffari S**, Zerehpooch R. Correlation between electrocardiographic changes and coronary angiography findings during acute myocardial infarction. presented at 15th Congress of Iranian Heart Association, Oct 31-Nov 03, 2006 Tehran –Iran.
22. Alian AH, Samadikhah J, Mehrabanfar A, **Ghaffari S**. Significance of measuring mitral valve inflow and pulmonary vein flow in evaluating left ventricular end diastolic pressure in patients with coronary artery disease. Presented at 15th Congress of Iranian Heart Association, Oct.31-Nov.3, 2006 Tehran –Iran.

23. Abbasnejad M, **Ghaffari S.**, Salehi R., Zamani B. The fate of tricuspid regurgitation following mitral balloon valvuloplasty. presented at 16th Congress of Iranian Heart Association, Nov. 18-21, 2008 Tehran –Iran.
24. Kazemi B, **Ghaffari S**, Aliakbarzadeh P. Clinical and angiographic predictors of abnormal heart rate recovery immediately after treadmill exercise in patients with coronary artery disease. presented at 16th Congress of Iranian Heart Association, Nov. 18-21, 2008 Tehran –Iran.
25. **Ghaffari S**, Alizadeh A, Rajabi N, Aslan abadi N, Pourafkari L. Predictors of ventricular dysfunction and coronary artery disease in patients with Left Bundle Branch Block. 11th National congress on cardiovascular updates, 17-20 June 2009, Tehran –Iran
26. Pourafkari L, **Ghaffari S**, Ahmadi M, Nader ND. Association of ABO blood types with the risk of in-stent restenosis, CHEST Annual Meeting, Poster Presentation, 2014, 146(4) MeetingAbstracts:123A, doi: 10.1378/chest.1991829
27. Pourafkari L, **Ghaffari S**, Tajlil A, Nader ND. Predictors of atrial fibrillation in patients with rheumatic mitral stenosis. The 5TH BIT Cardiology Conference, Dec 2013, Rome, Italy. Poster Presentation
28. **Ghaffari S**, Kazemi B, GorbaniI, Pourafkari L. Efficacy of a New Accelerated Streptokinase Regime in Acute Myocardial Infarction (A Double Blind Randomized Clinical Trial), The 9thIntCard Coronary Artery Dis Congress, October 23-26, 2011, Venice- Italy.
29. **Ghaffari S**, Separham A, Pourafkari L. Association of electrocardiographic changes with severity of coronary artery disease and short term outcome in patients with non-ST-segment elevation acute coronary syndromes. The 9thIntCard Coronary Artery Dis Congress, October 23-26, 2011, Venice- Italy.
30. **Ghaffari S**, Pourafkari L, Beheshti R, Sohrabi B. Prevalence and predictors of renal artery stenosis in hypertensive patients undergoing coronary angiography. The 79th European Congress of Atherosclerosis, Poster presentation, June 2011, Gothenburg, Sweden.
31. **Ghaffari S**, Aslanabadi N, Javadzadegan H, Pourafkari L, Jamshidi P, Toufan M. Percutaneous Transvenous Mitral Commissurotomy; with or without Heparin? A randomized double blind study. The 17th Congress of Iranian Heart Association, May 10-13, 2011- Tehran-Iran.
32. **Ghaffari S**, Baghernejad R, Javadzadegan H, Pourafkari L. Predictive value of serum osteoprotegerin levels in diagnosis and scoring of obstructive coronary artery disease and its comparison with routine diagnostic tests. The 17th Congress of Iranian Heart Association, May 10-13, 2011 Tehran-Iran.
33. **Ghaffari S**, Kazemi B, Pourafkari L. The Value of Simplified Selvester QRS Scoring System in Predicting ST-segment Resolution after Thrombolysis in Patients with Acute Myocardial Infarction. The Second Iranian Cardiovascular Joint Congress, Feb 2014, Tehran, Iran.
34. Multivessel versus Culprit only PCI in STEMI, ICACS congress Tabriz, Iran, July 2016

***Honors and Awards:***

- 2013 Distinguished medical instructor of the year, Tabriz University of Medical Sciences, Tabriz, Iran.
- 2011 Distinguished clinical researcher of the year, Faculty of Medicine, Tabriz University of Medical Sciences, Tabriz, Iran
- 2010 Distinguished researcher of the year, Tabriz University of Medical Sciences, Tabriz, Iran.
- 2007 Top 20 distinguished medical teachers of Iran, selected by Ministry of Health and Medical Education (MoH&ME), Iran
- 2003 Best medical teacher in cardiology, Tabriz University of Medical Sciences, Tabriz, Iran
- 1998 Ranked 3rd in National Cardiology Board Certification Exam, Iran
- 1994 Ranked 1st among Medical School Graduates of Tabriz University of Medical Sciences
- 1994 Ranked 1st in Residency entrance examination of Tabriz University of Medical Sciences
- 1993 Ranked 1<sup>st</sup> in pre-internship examination of Tabriz University of Medical Sciences

***Memberships:***

Chief-Editor: “Journal of Cardiovascular and Thoracic Research ”

Member of Editorial board of “Heart International”

Member of Editorial board of “Iranian Cardiovascular Research Journal”

Member of Iranian Heart Association

Member of Iranian Atherosclerosis Society

Scientific Secretary of First International Iranian Congress on Acute Coronary Syndromes (ICACS)