CURRICULUM VITAE

Masoumeh Sadeghi, MD

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Education

- Professor of cardiology.
- Specialty in cardiology - Isfahan University of Medical Sciences.
- M.D Degree-Isfahan University of Medical Sciences.

Work

- Director of Cardiac Rehabilitation Research Center, Cardiovascular Research Institute WHO Collaborating Center, Isfahan University of Medical Sciences
- Deputy of research, Shahid Chamran Heart Center and Heart Education Group, Isfahan University of Medical Sciences.
- Editor in Chief, ARYA Atherosclerosis Journal
- Faculty Member, Isfahan University of Medical Sciences

Experiences

- Having passed the research method workshop held by ministry of heath
- Having passed medical writing workshop.
- Having passed clinical trial workshop (Hong Kong).
- Having passed clinical trial workshop (Iran).
- Having passed clinical trial workshop on secondary prevention of myocardial infarction and stroke and management of cardiovascular risk (held by WHO).
- Having passed the global forum NCD prevention and control: rotating international visitors program 2003 (organized by WHO/HQ and EMRO).
- Having passed 3- weeks training program in cardiovascular disease rehabilitation and prevention (Melbourne-Australia).
- Having passed 2- weeks training program in cardiovascular disease psychosomatic (Freiburg-Germany).

Memberships

- Heart group of Isfahan school of medicine, Isfahan University of Medical Sciences.
- Research Committee of Isfahan School of medicine, Iran.
- Research Committee of Isfahan Cardiovascular Research Center, Iran.
- Scientific Committee, National Project for Cardiovascular Prevention and Control.
- Iranian Heart Foundation, Iran.
- Iranian Chapter of Heart Friends around the World.
- Coordinator Committee, Isfahan Healthy Heart Program.
- Member of research council, Isfahan Cardiovascular Research Center.
- Member of research branch of heart group Isfahan medical school
- Reviewer member of Nutrition & Dietetics journal.
- Member of National Ethics Committee, Ministry of Health and Medical Education.

International cooperation

- Reviewer member of The Global Burden of Disease Study (GBD)
- Collaboration with the World Heart Organization (WHO) as a member of the Development group for Ischemic Heart Disease to the development of World Health Organizations (WHO) Package of Interventions for Rehabilitation (PIR).
- Collaboration with the International Council of Cardiovascular Prevention and Rehabilitation (ICCPR) as a Member of ICCPR CR Data Dictionary Panel (Cardiac Rehab Data Dictionary - Delphi Panelist)
- Collaboration with the European Society of Cardiology (ESC)
- Collaboration with the Canadian Association of Cardiovascular Prevention and Rehabilitation (CACPR)
- Collaboration with the Heart Friends around the World Association
- Collaboration with the World Heart FEDERATION (WHF)
- Certification of WHO to participate in Clinical management of patients with COVID-19 - Rehabilitation of patients with COVID-19

Registry Publications in EoRP

- As an Iranian colleague in The EORP–STEMI Registry Steering Committee:

Uwe Zeymer, et al. "Background and design of the ACCA–EAPCI registry on ST-segment elevation myocardial infarction of the European Society of Cardiology." European Heart Journal: Acute Cardiovascular Care 8.1 (2019): 63-67.

Articles in National Journals

1) Kelishadi R, Rabiee K, Khosravi AR, Famori F, **Sadeghi M,** Roohafza HR, Shirani SH. Evaluation of physical activity among adolescent in Isfahan. The Journal of Shahre-Kord University of Medical Science.2001; 2: 55-62.

2) Mirzaiee H, Roohafza HR, **Sadeghi M,** et al. The comparison of stress oxidant in depressive period and recovery. Research in Medical Science.2002; 6(4): 360-61.

3) Behradmanesh S, Dehghan H, Tavssoli A, Sarraf-Zadegan N, **Sadeghi M,** Najafian J. Comprasion between cost-effectiveness of some diagnostic approach in patients with non traumatic, atypical chest pain with nondiagnostic ECG. Research in Medical Science.2002; 20(67): 26-32.

4) Mohammadi fard N, Sarraf-Zadegan N, Sadry GH, Malekafzali H, Shahrokhi Sh, Toloie HR, Poormoghadas M, **Sadeghi M,** et al. Design, material and method and first experience of Isfahan Healthy Heart program. Research in Medical Science.2002; 1: 1-8.

5) **Sadeghi M,** Roohafza HR. Is common carotid Intima-Meida Thickness as an independent predictor of coronary artery disease? Research in Medical Science.2003; 8: 60-64.

6) Kelishadi R, Hashemipoor M, Roohafza HR, **Sadeghi M.** Evaluation the relation between television and selection of food by children and adolescent. Journal of Isfahan School of Medicine.2003; 71: 71-75.

7) **Sadeghi M,** Roohafza HR. Evaluation of lipid levels in population above 30 years old of Isfahan. Isfahan University J. 2003; 68: 47-52.

8) **Sadeghi M,** Roohafza HR, Sadri GH, et al. Prevalence of high blood pressure and its relation with cardiovascular risk factors. The Journal of Qazvin Univ of Med Sci.2003; 26: 46-52.

9) **Sadeghi M,** Roohafza HR, Tavasoli AA, et al. Do rose questionnaire predict coronary artery involvement in patient with typical chest pain? Journal of Isfahan Medical School.2003; 71: 38-40.

10) Roohafza HR, **Sadeghi M,** Emami A. smoking in youth IHHP. Hakim J. 2003; 6(2): 61-68.

11) Roohafza HR, **Sadeghi M,** Emami A. prevalence of Coronary artery risk factors in youth. Journal of Isfahan Medical School.2003; 71: 9-15.

12) Roohafza HR, **Sadeghi M,** Poormogadas M, et al. Relation between socioeconomic and coronary artery risk factor. Journal of Isfahan Medical School.2003; 71: 25-30.

13) Roohafza HR, Saidi M, **Sadeghi M,** Boshtam M. Effect of rehabilitation on psychological factor in an Iranian population. Research in Medical Science.2003; 8: 94-97.

14) Mosavi GH, Roohafza HR, **Sadeghi M.** Addiction, parent and children. Researh in medical science.2003; 8: 57-59.

15) Asgary S, Naderi GH, **Sadeghi M,** Sabet B, et al. Evaluation the anti lipid and antihypertensive effect of Berengasf-Double blinded clinical trial. Journal of Isfahan Medical School.2003; 71: 48-51.

16) **Sadeghi M,** Rabiee M, Roohafza HR, Boshtam M. Evaluation effect of rehabilitation on coronary risk factor in both sexes. Research in Medical Science.2003; 8: 31-35.

17) Etemadifar M, Ghadiri F, **Sadeghi M.** The carotid and vertebral arteries stenosis in patients with history of coronary artery bypass graft. Research in Medical Science.2003; 8: 135-136.

18) Heidari R, Hashemi M, **Sadeghi M,** Roohafza HR. Is there any relation between angina and fibromyalgia? Journal of Isfahan Medical School.2003; 71: 8-10.

19) Rabiei K, Saidi M, Boshtam M, Alikhasi H, **Sadeghi M.** Cardiac rehabilitation in obese patient. Journal of Isfahan School of Medicine.2003; 71: 20-24.

20) Saidi M, Rabiee K, Kelishadi R, **Sadeghi M,** Roohafza HR. Relation between leisure time physical activity and TV watching with atherosclerotic risk factors. Journal of Isfahan Medical School.2004; 71: 31-37.

21) **Sadeghi M,** Moaidi N, Baghaii AB, Roohafza HR, Asgari S, Aghdak P, Sajadi F. Prevalece of diabetes and other associated cardiovascular risk factor- IHHP. The Journal of Rahavard Danesh.2004; 7(3):12-21.

22) Nasr A, **Sadeghi M,** Najafian J, Kalantari M, Roohafza HR. Relation between serum CRP and coronary artery involvement in patient with stable angina. Journal of Isfahan Medical School. 2004; 22(73): 7-11.

23) Rabiei K, Boshtam M, Saidi M, Mirzaii H, **Sadeghi M.** Cardiac rehabilitation, functional capacity and psychological situation after acute myocardial infarction. The Journal of Urmia Uni of Med Science.2004.

24) Kelishadi R, Hashemipoor `M, Sarrafzadegan N, Sadri GH, Bashardost N, Alikhasi H, Ansari R, Asgari S, Pashmi R, Rafiee S, Shahab M, Roohafza HR, **Sadeghi M,** Sabet B. Effect of some environmental factors on smoking and the consequence of smoking on major cardiovascular disease (CVD) risk factors in adolescent: Isfahan Healthy Heart Program- Heart Health Promotion from Childhood. Journal of Medical Faculty Guilan University of Medical Sciences.2004; 50:62-75.

25) Pourshams A, Asgary S, Naderi GH, **Sadeghi M,** et al. Comparison antioxidant effect of two different hormone replacement therapy on lipid per oxidation and C reactive protein in post menopausal women. Journal of Isfahan University of Medical School.2004; 22(73): 36-42.

26) **Sadeghi M,** Roohafza HR, Aghdak P, Kelishadi R. Coronary artery disease risk factors among women. The Journal of Qazvin Univ of Med Sci.2005; 9(2): 76-84.

27) Nasr Ali, **Sadeghi M,** Roohafza HR. Is testosterone level high in postmenopausal women with coronary artery disease? J of Isfahan Medical School.2005; 74: 33-7.

28) Roohafza HR, **Sadeghi M,** Afshar H, Mousavi GH, Shirani SH. Lipid profile in patients with major depressiove disorder and generalized anxiety disorder. Advanced Research Yields in atherosclerosis.2005; 1(1): 15-9.

29) Asgary S, Naderi GH, Dashti GH, **Sadeghi M,** Paknahad Z, Kafil F. Anti-inflammatory effect of piroxicam in production and development of fatty streak and biochemical factors in animal under with high cholesterol. The Journal of Shahre-Kord University of Medical Science.2005; 7(1):21-9.

30) **Sadeghi M,** Roohafza HR, Baghaei AM, Pourmoghaddas M, Shirani Sh, Sadri Gh, Golshadi I. Obesity and its association with other cardiovascular risk factors in women: Women's Healthy Heart Project. Advanced Research Yields in Atherosclerosis.2005; 1(2):75- 9.

31) Naderi G, Asgay S, **Sadeghi M,** Sabet negad Z. Comparison of plasma level of quantitative CRP, blood Coagulation factors (factor VII, fibrinogen and platelets), systolic and diastolic blood pressure in opium addiction subjects and control. The Journal of Qazvin Univ of Med Sci. 2005; 9(2):3 -7.

32) **Sadeghi M,** Khayam Nekooyi A, Sanei H, Naderi GH, Bahonar A, Soghrati M, Yazdani M.A Study of the effect of liposuction on coronary disease risk factors, inflammatory markers and left ventricular mass in non-diabetic obese women. Advanced Research Yields in Atherosclerosis.2005; 1(3):159-63.

33) Heidari R, **Sadeghi M,** Hashemi SM, Hatampoor N. Effect of spirinolactan on heart rate variability (HRV) in diabetic patient. Advanced Research Yields in Atherosclerosis.2005; 1(2):80- 4.

34) Roohafza HR, **Sadeghi M,** Afshar H, Mousavi GH, Attari A, Togiasnifar A, Tallai M. Assosiation of anxiety and carotid atherosclerosis. Advanced Research Yields in Atherosclerosis.2005; 1(3):170-74.

35) Ashrafi F, Noorbakhsh M, Haghighi M, Naderi GH, Pourmoghadas M, **Sadeghi M**, Sarrafzadegan N. A study of the relationship between coronary/carotid artery disease and breast vessels calcification. J of Isfahan Medical School.2005; 74: 37-43.

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37) Sabet B, Derakhshan R, **Sadeghi M,** Sarrafzadegan N, Derakhshan F, Hosseini SH. Two-year incidence of acute fatal and nonfatal coronary events and stroke: Iranian population over 35 years old. Advanced Research Yields in atherosclerosis.2005; 1(1): 9-15.

38) Sarraf-Zadegan N, Baghaii AM, **Sadeghi M,** et al. Factor analysis of metabolic syndrome among smokers. Iranian Journal of Medical Sciences.2005; 30(2): 73-8.

39) Tavassoli AA, **Sadeghi M,** Pourmoghadas M, Roohafza HR. Lipid profile of uncomplicated nondiabetic hypertensive. Iranian Heart J.2005; 6(3):64-9.

40) **Sadeghi M,** Roohafza HR, Heidari R, Naderi GH, Sabet B, Deihini GH. Comparison of insulin level in cardiac and noncardiac emergency. The Journal of Armaghan Danesh.2005; 10(38); 35-41.

41) **Sadeghi M,** Poormogadas M, Roohafza HR, Mazaheri F, Tavassoli AA. Prevalence of patent foramen ovale in young patients with cryptogenic ischemic stroke. Iranian Heart J.2006;

42) **Sadeghi M,** Faghforian B, Sanei H, Roohafza HR, Asgary S, Karimi S. Evaluation Pressure Control Parameters in Captopril: Comparison between Iranian and Foreign Brands by 24-horus Ambulatory Blood Pressure Monitoring. J of Isfahan Medical School.2006; 24:95-100.

43) **Sadeghi M,** Khalili M, Sanei H, Poormogadas M, Khalili N, Tallaie M. Evaluation of flushing and blood pressure. J of Isfahan Medical School.2006; 23(79):31-35.

44) Asgary S, **Sadeghi M,** Naderi GH, Akhavan A. A study of the antioxidant effect of Iranian captopril on patients with hypertension and heart failure. Advanced Research Yields in atherosclerosis.2006; 1(4): 256-60.

45) **Sadeghi M,** Roohafza HR, Pormoghadas M, Tavasoli AA. The evaluation of prediction of ST segment lead in avR lead in patients with Inferior Myocardial Infarction. The Journal of Qazvin Univ of Med Sci.2006; 10(4):42-45.

46) **Sadeghi M,** Rozati G, Sanei H, Yaraghi M, Talaii M, Roohafza HR. The evaluation between metabolic syndrome and coronary involvement in patients with stable angina. Advanced Research Yields in Atherosclerosis.2006; 2(1):10-14.

47) **Sadeghi M,** Roohafza HR Shirani Sh, Akhavan Tabib A, Aghdak P, Hosseini Sh. The prevalence of coronary artery disease according to Rose questionnaire and ECG: Isfahan Healthy Heart Programme. Advanced Research Yields in Atherosclerosis.2006; 2(2): 70-74.

48) Yusefi A, Khayyam-Nekouei Z, **Sadeghi M,** Ahmadi SA, Roohafza HR, Rabiei K, Khayyam-Nekouei SA. The effect of cognitive-behavioral therapy in reducing anxiety in heart disease patients. Advanced Research Yields in Atherosclerosis.2006; 2(2): 80.

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50) Roohafza HR, Akochakian SH, **Sadeghi M,** Fardmoosavi A, Khairabadi GH, Ghasemi TH. Investigating the relation between lifestyle and chronic obstructive pulmonary disease. J of Medical Faculty Guilan University of Medical Science.2006; 15(59): 32-8.

51) **Sadeghi M,** Ramezani J, Sanei H, Rabeiee K, Gharipoor M, Toghianifar N. Adherence to evidence-based therapies and modifiable risk factor in patients with coronary artery disease- the HLCP project. Advanced Research Yields in Atherosclerosis.2006; 2(3):147-15.

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54) **Sadeghi M,** Poormoghadas M, Roohafza HR, Sabet B. Predictive value of coronary artery calcification in coronary artery stenosis. Journal of Qazvin of Med Sci.2007;11(3):46-50

55) Salek M, Okhovat A, **Sadeghi M,** Roohafza HR, Kelishadi R. Health problems in turner syndrome. J of Research in Med Sci.2007; 12(2):90-5.

56) Roohafza HR, Salehi B, **Sadeghi M.** Prevalence and severity of emotional stress in Isfahan and Markazi provinces 2002.J of Arak Med Sci.2007;10(2):23-30.

57) Roohafza HR, Mousavi GH, **Sadeghi M,** Sabet B**. Stress** oxidant level and memory deficit in over 70 years old population. Journal of Hormozgan Medical School.2007; 11(2):133-38.

58) **Sadeghi M,** Roohafza HR, Tavassoli AA, Asgary S, Sabet B, Hosseini Sh. Evaluation of the association between anti phospholipids antibody and carotid IMT in young people with myocardial infarction. J of Medical Faculty Guilan University of Medical Science.2007; 16(63):11-16.

59) Sadeghian G, **Sadeghi M**. Electrocardiographic change after systemic Glucantime use in cutaneuse Leshmaniosis. Dermatology Journal.2007; 10(1):9-12.

60) Pourmand K**, Sadeghi M,** Sanei H**,** Akrami F, Talaii M. Which major atherosclerosis, risk factors represents the extent of coronary artery disease? Journal of Isfahan Medical School.2007; 25(85):61-71.

61) Hadizadeh M, Garak Yaraghi M, **Sadeghi M,** Hadizadeh F, Neshatdoost B. Effects of halopurinol on the left ejection fraction in patients with left ventricular failure. Journal of Isfahan Medical School.2007; 25(85):104-8.

62) Adibi A, **Sadeghi M,** Ahmadi AR. Evaluation of association between ultrasonographic carotid IMT with severity of angiografic coronary artery involvement, in contrast to control group in angina pectoris patients. Journal of Isfahan Medical School.2008; 25(87):89-96.

63) **Sadeghi M,** Poormoghadas M, Roohafza HR, Talaei M, Golshadi I. The relationship between women physical fitness and obesity and the severity of CAD. Journal of Qazvin Univ.2008; 12(1):46-51.

64) **Sadeghi M,** Golshadi I, Roohafza HR**,** Aghdak P. Evaluation the relation between coronary risk factors, metabolic syndrome and 10-year ischemic event according to BMI in women above 19 years in centeral part of IRAN. Journal of Qazvin Univ.2008; 17(67):16-23.

65) **Sadeghi M,** Razavi N. Early and late effect of high dose atrovastatin and low dose atrovastatin on serum C-reactive protein reduction in non ST elevation MI. Advanced Research Yields in Atherosclerosis.2008;4(1):6-12.

66) Sarrafzadegan N, Kelishadi R, Baghaei A, Hussein Sadri G, Malekafzali H, Mohammadifard N, Rabiei K, Bahonar A, **Sadeghi M**, O'Laughlin J. Metabolic syndrome: an emerging public health problem in Iranian women: Isfahan Healthy Heart Program. Int J Cardiol. 2008 Dec 17;131(1):90-6. doi: 10.1016/j.ijcard.2007.10.049.

67) Miandoabi T, **Sadeghi M,** Shemirani H. Is LP (a), as a predictor of severity of CAD? Advanced Research Yields in Atherosclerosis.2008; 4(2):49-52.

68) Ramazani J, Sanei H, **Sadeghi M,** Hidari R, Haghani P. Central Obesity as a predictor of coronary artery occlusion. Advanced Research Yields in Atherosclerosis.2008; 4(1):24-28.

69) Nayeri H, Naderi G, Asgry S, **Sadeghi M.** Correlation between lag time of LDL to in vitro oxidation and vivo ox-LDL the patients with CAD. Advanced Research Yields in Atherosclerosis.2008;4(3):98-102.

70) Tavakolipour P, **Sadeghi M,** Hidari R, Vosough AK, Rabiei K. The effect of sildenafil on the pulmonary artery hypertension caused by mustard gas. Journal of Isfahan Medical School. 2008; 20(90):279-285.

71) Montazeri N, **Sadeghi M,** Sanei H, Asgary S, Farjoallahi M, Akbari M, Akhbari M, Teimori S. DO ICAM and VCAM can predict severity of CAD instable angina? Journal of Isfahan Medical School.2009; 27(99):499-506.

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74) Akhbari MR, Sanei H, **Sadeghi M,** Akbari M, Sistan N. Correaltion of thrombolysis in myocardial infarction risk score and angiographic score in patients with ST-elevation in myocardial infarction. Journal of Isfahan Medical School.2009; 27(98):443-49.

75) Khayam Nekouie Z, Yousefy AR, Khayam Nekouie AR, **Sadeghi M.** the relation between anxiety and quality of life in heart patients. Advanced Research Yields in Atherosclerosis. 2009; 5(1):17-23.

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80) Hajmohammadi T, **Sadeghi M,** Dashti M. Relationship between carotid Intima-Media Thickness (IMT) with some inflammatory biomarkers, ghrelin and adiponectin in Iranians with and without metabolic syndrome in Isfahan Cohort Study(ICS). Advanced Research Yields in Atherosclerosis.2010; 6(2):56-61.

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83) Roohafza H, Afshar H, **Sadeghi M,** Soleymani B, Saadaty AR, Matinpour M, Asadollahi GH. The relationship between perfectionism and academic achievement, depression and anxiety. Iranian Journal of Psychiatry and Behavioral Sciences.2010; 4(2): 31-36.

84) Cheraghi M, **Sadeghi M,** Sarrafzadegan N, Pourmoghadas A, Ramezani MA. Prognostic factors for survival at 6-month follow-up of hospitalized patients with decompenstated congestive heart failure. ARYA Atherosclerosis Journal.2010; 6(3):112-117.

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86) Ziaei N, **Sadeghi M,** Akhlaghi A, Pirjami O, Yaran M. Aspirin resistance status as determined by urinary thromboxane B2 (TXB2) level in patients with ischemic heart disease and its relationship with Severity of coronary artery disease. Journal of Isfahan Medical School.2011; 28(116): p1-8. 8p.

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88) Saeidi A, **Sadeghi M,** Sanei H, Ramezani A, Sarrafzadegan N. Comparison of Serum E-selectin and inflammatory factors Interlukin-6 in men with acute coronary syndrome and stable angina heart. Journal of Boushehr University of Medical Sciences.2011; 14(3):151-8.

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Supervised Thesis

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160. Sanei H, Heshmat K, **Sadeghi M,** kermani M. The effect of high dose of allopurinol loading on level of inflammatory markers and in hospital composite event in non ST-segment elevation Myocardial infarction patients who refer to Chamran hospital in Esfahan city. Asadi A (MD).2019.

161. Roghani F, Khosravi A, **Sadeghi M,** Shafie D. The safety and feasibility of transulnar angiography in the patients with unavailable ipsilateral radial access for coronary angiography and angioplasty. Hoseinzade H (MD).2019.

162. **Sadeghi M,** Mansouri MH. Assessment of the 2 years' effect of the cardiac rehabilitation on lifestyle, mental health, quality of life, functional cardiac capacity, echocardiography factors, and mortality in patients with ischemic heart disease. Rahimi Nam H (MD).2020.

163. **Sadeghi M,** Amirpour A. Effect of vitamin D deficiency treatment on lipid profile in IHD patients admitting in chamran hospital in 1398. Moemeni A (MD).2020.

164. **Sadeghi M,** Amirpour A. Effect of vitamin D deficiency treatment on CRP serum level in ACS patients admitting in chamran hospital in 1398. Mir Saeidi F (MD).2020.

165. **Sadeghi M,** Roohafza H. The Effectiveness of Solution Focused Therapy on Quality of Life, Mental Health, Hopefulness and meaning in Life CVD Patients. Abdellahi M (MD).2020.

166. Soleimani A, kermani M, **Sadeghi M.** Anatomical distribution and intensity of stenosis among ST elevation MI patients based of risk factors. Ghobadi F (MD).2020.

167. Amirpour A, Zavar R, **Sadeghi M,** Teimouri Z, Soleimani A, Roohafza H. Investigation of the relative frequency of no-reflow and cardiovascular complications following primary percutaneous coronary intervention (PPCI) among patients with ST elevation myocardial infarction (STEMI) based on body mass index (BMI). Sepahvand B (MD).2020.

168. Amirpour A, Zavar R, **Sadeghi M,** Teimouri Z, Soleimani A. Investigation of the association between the primary angioplasty in two groups, one receiving thrombolytic and the other don't receive thrombolytic therapy whit one-year and two-years prognosis in patients with

acute myocardial infarction with ST elevation (STEMI) in Isfahan's Chamran hospital. Dehghani A (MD).2020.

169. Tabesh F, Amirpour A, **Sadeghi M.** Influence of ABO blood groups on coronary patency and MACE in STEMI patients after revascularization. Mollaiy M (MD).2020.

170. Amirpour A, Zavar R, **Sadeghi M.** A comparison between SFRP5 levels and hs CRP in patient with acute STEMI and SIHD and assessment of relation between SFRP5 and hsCRP level with FMD in echocardiographic evaluation. Nouri F (MD).2020.

171. Teimouri Z, Zavar R, **Sadeghi M,** Amirpour A. Comparison the effect of Single Dose (80 mg, Daily) versus Divided Dose (80 mg, BID) of Acetylsalicylic Acid on endothelial function in diabetic patients (Type2): A Randomized Clinical Trial. Bahrani S (MD).2020.

172. Heshmat K, Sanei H, **Sadeghi M,** kermani M. The effect of COQ10 on level of Hs-troponin and in hospital composite events and echochardiographic variable in ST-segment elevation Myocardial infarction patients who admits in Chamran hospital. Jahanbakhshi M (MD).2020.

173. Heshmat K, **Sadeghi M,** Teimouri Z. The effect of fenugreek on serum lipids: a systematic review and meta-analysis study. Mashayekhi N (MD).2020.

174. Amirpour A, Zavar R, **Sadeghi M,** Teimouri Z, Soleimani A. Investigation of association between the initial manifestation of myocardial infarction in ST elevation myocardial infarction (STEMI) patients with their one-year and two-year prognosis in Isfahan's Chamran hospital. Gholami Z (MD).2020.

175. Kohan SH, Movahedi M, **Sadeghi M.** Designing, Developing and Evaluating the Reproductive Health Promotion Program for Women with Heart Disease: A mixed Study. Nekuei N (PhD).2020.

176. Naghshnilchi A, **Sadeghi M.** Diagnosis of Coronary Artery Stenosis by Machine Learning from Angiography. Hosseini M (Ph. D).2020

177. **Sadeghi M**, Rahiminam H, Massoumi Gh, Amerizadeh A, Roohafza H, Heidari R. A Systematic Review on the Effect of Cardiac Rehabilitation on Return to Work in Cardiovascular Patients.2020.

178. **Sadeghi M,** Karimian B, Heshmat K, Soleimanii A, Hassanzadeh A. The effect of lycopene supplement on lipid profile and blood pressure and flow mediated dilatation index in patient with ischemic heart failure refer to chamran hospital in year 2019.2020.

179. **Sadeghi M,** Shbib Gh, Massoumi Gh, Amerizadeh A, Heidari R, Roohafza H, Shahabi J, Shirani N. The efficacy of smoking cessation during cardiac rehabilitation: A systematic review and meta-analysis.2020.

180. **Sadeghi M**, Salesi R, Kermani M, Sadeghi A. Body mass index changes predicting diabetes type 2 incidence in Isfahan, Najaf Abad and Arak in 2001 to 2013: The Isfahan Cohort Study.2021.

181. **Sadeghi M,** Heydari D, Sarrafzadegan N, Talaei M, Nouri F, Roohafza H, Babak A. The relation between psychological stress and metabolic syndrome among adults living in Isfahan, Najafabad and Arak (Isfahan Cohort Study).2021.

182. **Sadeghi M,** Ravaei A, Shirvani H, Tarrahi MJ, Sattar F. A survy on relationship between changes in quality of life and changes in major risk factors of heart disease in 2007-2013 based on the Isfahan Cohort Study.2021.

Projects

1- To Compare the Holter Monitoring finding in active smokers, passive smoker and non-smoker.2000**.**

2- Evaluation of job stress and cardiovascular risk factors in Bank Saderat employees.2001.

3- Evaualion of potency and duration of Antihypertension efficacy of different Captopril Manufactured in Iran by 24 hr Holter monitoring.2001.

4- Comparison of the results of group versus individual approaches in management of childhood obesity.2001.

5- Evaluating the relation between anxiety and carotid artery atherosclerosis in anxious patients.2002.

6- Comparison of efficacy and side effects of internal lovastatin with external analogues.2002.

7- Women Healthy Heart Project.2002.

8- Evaluation relationship between anti phospholipid antibodies and carotid artery intima-media thickness in young adult with myocardial infarction.2003.

9- The association of testosterone level with coronary artery disease in postmenopausal women.2003.

10- Two-year evaluation of carotid artery atherosclerotic changes based on score trait anxiety in people aged 35-60 in Isfahan.2003.

11- Prevalence of changes in EKG in patients under systemic therapy with glucantim.2003.

12- Evaluation the Predictive Value of Coronary Calcification in Coronary Involvement According to Sex and Age.2003.

13- Comparative evaluation of effect of cardiac rehabilitation on anxiety, depression and quality of life one year after cardiac rehabilitation and control group.2003.

14- Prevalent of patent foramen ovale in young paitent with stroke.2003.

15- The ZESCA Trial, Zyban as an Effective Smoking Cessation Aid for Patients Following an Acute Coronary Syndrome.2004.

16- Effect of metabolic syndrome score on atherosclerotic risk profile and coronary artery disease severity via angiography.2004.

17- Evaluation of the relationship between the main risk factors for atherosclerosis and the severity of coronary artery disease in patients with angina pectoris.2004.

18- Healthy life for cardiovascular patients (HLCP).2004.

19- Evaluation the effect of studying an education of "heart health book" in literacy campaign on peractice of illiterate women.2004.

20- Comparing HBV infection markers and transaminase levels burden between coronary atherosclerosis patients and normal coronary cases.2005.

21- Ambulatory blood pressure in relation to hot flash experience among women of menopausal age. 2005.

22- Ten-year incidence of fatal and non-fatal coronary artery disease and stroke, and its relation with CVD risk factors in population aged >35 years of Isfahan, Najaf Abad and Arak.2005.

23- Evaluation the relation between insulin resistance and restenosis after PTCA in non-diabetic ischemic patients.2005.

24- Study of relationship between Acute Life Events and Acute Coronary Events adjusted for psychosocial factors and major risk factors in Isfahan city medical university CCUs(ALEACE).2005.

25- Evaluation the relation between number and size of fat cell in patient with ischemic heart disease in comparison with control group.2005.

26- Prevalence of opium dependence in patients with acute MI in Isfahan city hospitals and relationship of short-term and long-term cardiovascular complications with it.2005.

27- Assessing population knowledge, attitude and practice hookah and process evaluation of hookah-control legis lations in Isfahan, Najafabad and Arak in 1385.2006.

28- Cardiovascular risk assessment of the population and comparison of WHO/ISH risk assessment scores with Framingham risk assessment function and its clinical and public health implications.2006.

29- Evaluation the effect of IMT in incidence of coronary event in an Iranian population: IMT in ICS.2007.

30- Comparative evaluation of endothelial function between cigarette and water pipe smokers.2007.

31- Ten-year incidence of fatal and non-fatal coronary artery disease and stroke, and its relation with CVD risk factors in population aged >35 years of Isfahan, Najaf abad &Arak.2007.

32- Prevalence of echocardiographic changes at Metabolic Syndrome.2008.

33- Evaluation of cardiovascular risk factors in employees of Isfahan Electricity Distribution Company and interventions to promote their health and prevention of cardiovascular diseases.2008.

34- Ten-year incidence of fatal and non-fatal coronary artery disease and stroke, and its relation with CVD risk factors in population aged> 35 years of Isfahan, Najaf-Abad and Arak.2009.

35- Salt taste sensitivity threshold and sodium sensitivity of blood pressure in normotensive people (45 study).2010.

36- The effect of pioglitazone on left ventricular mass & function, plasma levels of inflammatory, endothelial & thrombotic biomarkers & psychiatric indicators in patients with metabolic syndrome.2010.

37- Evaluation of the best models of competitive risks in the occurrence of death: Analysis of seven-year data of Isfahan cohort study. 2011.

38- Ten-year incidence of fatal and non-fatal coronary artery disease and stroke, and its relation with CVD risk factors in population aged>35 years of Isfahan, Najaf Abad and Arak.2011.

39- The prevalence of cardiovascular disease and its cardiometabolic risk factors in Iranian women: A systematic review and Meta analysis.2011.

40- Monitoring of polypill study on primary and secondary prevention of cardiovascular-disease in Iranian elderly in 2011-2012.2011.

41- Comparison of the effect of a cardiac rehabilitation course on the quality of life of obese and non-obese women with coronary heart disease.2011.

42- Electrocardiographic findings and incident cardiovascular disease, a nested case-control study: Isfahan Cohort Study.2012.

43- The relationship between air pollution and the rate of hospitialization and death from cardiovascular and respiratory city in 1389 and 1390.2012.

44- Evaluation of the relationship between serum vitamin D level and ABI index in individuals with and without metabolic syndrome in Isfahan, 2012-2013.2013.

45- Relation of patient competence with cardiologist visits in cardiac patients who referred to Isfahan Cardiovascular Research Institute.2013.

46- Preparation of DNA bank for patients with CAD.2013.

47- Evaluation of the predictive effect Adiponectin and hs-CRP in predicting acute myocardial infarction and stroke.2014.

48- Association study between single nucleotide polymorphisms and gene expression of selenoprotein P and S genes in the subjects with metabolic syndrome in the presence of coronary artery disease.2014.

49- Ten-year incidence of coronary artery diseases, stroke, cancer, diabetes mellitus and their risk factors in three generations in Isfahan and Najaf-Abad.2014.

50- Developing and implementing the national registry for cardiovascular diseases: feasibility study.2014.

51- Evaluating the effect of lycopene on cardiac biomarkers, Inflammatory factors and Matrix metalloproteinase 9 in patients undering elective Percutaneous Coronary Intervention.2015.

52- Effect of Irisin as a new adipokin on LDL oxidation.2015.

53- The level of mRNA of Cox MMP9, Inos in the subjects with CAD history after selenium supplementation.2015.

54- Construction and standardization of the satisfaction of self-care guideline multiple patients, families and health care provider's questionnaire.2016.

55- The trend of crude and direct adjusted incidence of cardiovascular disease (CVD) based on age, sex and residency (urban/rural) in Isfahan district 2000 to 2015.2016.

56- Detection of Familial Hypercholesterolemia in Premature Acute Coronary Syndrome.2016.

57- Developing and Implementing Familiar Hypercholesterolemia Registry in Iran: Pilot in Isfahan.2016.

58- Comprehensive intervention strategies to improve the public and health care provider's knowledge and practice of dyslipidemia management, prevention and control.2016.

59- A study on the effectiveness of a comprehensive home based cardiac rehabilitation intervention on the health promotion of patient with coronary artery disease.2016.

60- Psychological determinants of attendance and compliance with cardiac rehabilitation programs in the selected cardiac rehabilitation units affiliated with Isfahan University of medical sciences.2016.

61- The effectiveness of optimism training on endothelial and psychological function markers of chronic coronary heart patients.2016.

62- The effectiveness of Bio-Energy-Economy on Bio-Psychosocial factors in myocardial infarction (MI) patients.2016.

63- Evaluation of diagnosis, complications, clinical consequences and pharmacological and non-pharmacological treatment inside and outside the hospital and one-year follow-up of patients with acute myocardial infarction with ST-segment elevation in hospitals with and without coronary artery facilities in Isfahan European (EORP) in the second half of 1994 and the first half of 1995 in Chamran, Khorshid and Feyz hospitals.2017.

64- Association study between polymorphism rs1042522 in the TP53 gene with or without metabolic syndrome in patients with cardiovascular disease.2017.

65- Determining the prevalence of premature coronary heart disease and it s risk factors according to different ethnicities and religions in Iran and developing a biobank for epigenetic studies.2017.

66- Comparison of home-based cardiac rehabilitation and hybrid cardiac rehabilitation with standard outpatient cardiac rehabilitation in patients with ischemic heart disease in Isfahan city: A controlled Randomized clinical trial.2017.

67- Establishment and development of a program for the registration of ischemic heart diseases in Isfahan province.2017.

68- The relation of dietary patterns with hypertension and hyperlipidemia in Isfahan steel employees.2017.

69- Planning and implementing adult cardiac surgery Electronic Information System.2017.

70- Predicting the quality of life of patients undergoing Coronary Artery Bypass Graft Surgery based on psychological, Spiritual Wellbeing and demographic variables in Shahid Chamran Hospital in Isfahan.2017.

71- Establishing a twin registry for future longitudinal cohort study to determine the incidence of non-communicable diseases and their risk factors.2018.

72- Assessment the relationship between dietary patterns and major cardiovascular risk factors among Isfahan Mill Steel Company workers.2018.

73- Effect of lifestyle change and stress management training on hypertensive children and adolescents compared to routine care on blood pressure, blood sugar and lipid profiles control. 2019.

74- The comparison of depression, anxiety, fear of body sensations, and somatization in patients with Non Cardiac Chest Pain with and without type D personality.2020.

75- Evaluation of Short-Term Mortality Predictors in Patient with ST Elevation Myocardial Infarction.2020.

76- Annual evaluation of the effect of statin prescription dose for three years and adherence to statin therapy for one year on major cardiac adverse events (MACE) in patients with post-MI in Chamran, Feyz, Noor hospitals.2020.

77- Determining the incidence, recurrence, complication, and mortality rate of non communicable and communicable diseases among COVID-19 patients in Isfahan: A five year concurrent and non-concurrent cohort study based on hospital registry.2020.

78- Evaluation the distribution of electrocardiographic abnormalities and cardiovascular complications in patients with Corona Virus Disease (COVID-19) p.2020.

79- Determining lifestyle risk factors in patients with premature coronary artery disease according to different ethnicities in Iran compared with healthy people and comparing between different ethnicities and establishing a biobank.2020.

80- Development of clinical practice guidelines for the Prevention, Management, Diagnosis and Treatment of Dyslipidemia.2020.

81- Study of nature sounds effect on Delirium incidence in post CABG surgery patients a randomized controlled trial.2020.

82- The Isfahan Geriatrics 60+ Cohort (IG60+C) implementation.2020.

83- The Effectiveness of Solution Focused Therapy on Quality of Life, Mental Health, Hopefulness and meaning in Life CVD Patients.2020.

84- Cross Cultural Adaptation and Evaluation of the Validity and Reliability of Heart Continuity of Care Questionnaire (HCCQ), and Picker Patient Experience Questionnaire (PPE).2020.

National Research Project (Grant)

1- Effect of cardiac rehabilitation on metabolic syndrome and its components: A systematic review and Meta analysis.2013.

2- Effect of cardiac rehabilitation on inflammatory markers: A systematic review and Meta analysis.2013.

Grant NIMAD

1. A Study on the effectiveness of a comprehensive home based cardiac rehabilitation intervention on the health promotion of patient with coronary artery disease.2015.

2. The Association between APOAC4 gene polymorphisms and premature myocardial infarction in Iranian population.2016.

3. Adherence to and cost-effectiveness of a polypill versus usual care for secondary prevention of cardiovascular diseases in patients with a history of acute coronary syndrome in Isfahan, Iran, a randomized clinical trial.2017.

4. Developing risk assessment charts for predicting cardiovascular events in breast and colorectal cancer patients. A 3 year (first phase) multicenter cohort study (fast track).2017.

5. Evaluation the effect of the fenugreek hydrolyzed protein on lipids and CRP levels in hypercholesterolemia patients.2019.

6. Mortality rates and 15 years' predictors of death in Isfahan cohort study on individuals above 35 years old.2019.

International Research Projects

1- Cardiovascular risk assessment of the population and comparison of WHO/ISH risk assessment scores with Framingham risk assessment function and its clinical and public health implications. (CAP Study). **(Grant).**

2- Gluteal – Abdominal Adipose Tissue Measurement in Ischemic patients. (GAAMI Study). **(Grant).**

3- Cardiac Rehabilitation Program Survey - Global Study. Cooperation with ICCPR. **(Grant).**

4- Acute Coronary Syndrome (ACS) STEMI Registry. Cooperation with European Heart Association. **(Grant).**

5- Developing suitable model for self-care of cardiac Patients. Cooperation with World Health Organization. **(Grant).**

6- Programme Non-ST-segment elevation myocardial infarction. Cooperation with European Heart Association. **(Grant).**

Accepted Abstract in International Conferences

1) **Sadeghi M**. Effect of cardiac rehabilitation on severe left ventricular dysfunction. 2000 Philippines: February 20-24.

2) **Sadeghi M**. The effect of exercise rehabilitation program on the psychological condition and functional capacity of patient with congestive heart failure. 2001 Malaysia: January 11-13.

3) **Sadeghi M**. The effect of phase II rehabilitation on systolic and diastolic Blood pressure. 2001 Italy: October 12-14.

4) **Sadeghi M**. Effect of smoking on left venticular mass, apolipoprotein and Insulin level. Sex based difference of rehabilitation program among cardiac patient. 2001 Hong Kong: November 2-24.

5) **Sadeghi M**. Atherosclerotic changes in the carotid artery bulb as measured by B-mode ultrasound are associated with the extent of coronary atherosclerosis. Presenting a lecture about 'women Healthy heart-an Iranian experience'. 2002 Egypt: April 10-13.

6) **Sadeghi M**. 'the anti oxidant activity of the essential oils of Iranian conifers on red blood cell'. "Carotid Intima-Media thickness as an independent predictor of atherosclerosis'. 2002 Australia: October 4-6.

7) **Sadeghi M**. 'The prevalence of dyslipidemia in Iranian population'. 2003 Swiss: February 11-15.

8) **Sadeghi M**. High blood pressure and associated cardiovascular risk factors. 2003, Kyoto-Japan September 28-October2.

9) **Sadeghi M**. Heart rate variability in obese children. 2003, Thailand.

10) **Sadeghi M**. The effect of rehabilitation program on the psychological condition and functional capacity of patients with congestive heart failure. 2005, January 9-12 Singapore.

11) **Sadeghi M**. Obesity and association with other cardiovascular risk factors.2005, 29 Oct-1 Nov Turkey.

12) **Sadeghi M**. The effect of smoking habit on C-reactive protein in Iranian population.2005, 5-9December- India.

13) **Sadeghi M**. Lipid level in uncomplicated no diabetic hypertensive. 2006, 18-22 June, Rome-Italy.

14) **Sadeghi M**. Comprehensive Community Interventions to Prevent Cardiovascular Disease in a Developing Country. 2010, 16-19 June, Beijin-china.

15) Sadeghi M. 4th International Congress on Prediabetes and the Metabolic Syndrome, Madrid, Spain, April 6-9, 2011.

16) **Sadeghi M**. Association of apolipoprotein B, apolipoprotein A, and the apolipoprotein B/apolipoprotein a ratio with body fat indicators the World Congress of Cardiology 2012 taking place from 18-21 April 2012 in Dubai, United Arab Emirates.

17) **Sadeghi M**. Is there any relation between Circulating Endothelial-Leukocyte adhesion molecule -1 and extent of coronary artery involvements in men with angina pectoris? 8th Congress of Update in Cardiology and Cardiovascular Surgery (UCCS) Antalya, Turkey, 1 - 4 March 2012.

18) **Sadeghi M**, Roohafza H, Gharipour M, Sarrafzadegan N. ARYA Atherosclerosis Journal. MedicReS World Congress June 06 - 09 2012 Vienna –Austria.

19) **Sadeghi M**, Association between air pollutants and heart failure symptom exacerbation leading to hospitalization. ESC Congress 2013, 31 Agust-4 Sep Amsterdam- Netherlands.

20) **Sadeghi M**, the Impacts of Cardiac Rehabilitation Program on Echocardiographic Parameters in Coronary Artery Disease Patients with Left Ventricular Dysfunction. The First NCD Congress, 09-11 January 2014 Dubai.

21) **Sadeghi M**, The Impacts of Cardiac Rehabilitation Program on Functional Status and Quality of Life of Coronary Artery Disease Patients with Left Ventricular Dysfunction. The World Heart Federation's World Congress of Cardiology 4-7 May 2014 Melbourne, Australia.

22) **Sadeghi M**, weight changes in men with coronary artery disease after cardiac rehabilitation program. 1th International Congress of Cardiac Rehabilitation from Research to Practice, 21-23 Oct 2014, Isfahan.

23) **Sadeghi M**. Presenting a lecture in 4th International Preventive Cardiology Congress. From 30 september-2october 2015 in Cardiovascular Research Center, Shiraz, Iran.

24) **Sadeghi M**. 4th annual Medical Ethics Congress. 6 -9 bahman 2015 in Tehran, Iran.

25) **Sadeghi M**. Is selenium supplementation knockdown the expression of seps1 in patients with metabolic syndrome and history of cardiovascular disease? International Symposium on Atherosclerosis (ISA) Location: Toronto, CANADA Date: JUN 09-12, 2018.

26) **Sadeghi M**. Effects of selenium supplementation on expression of sepp1 in subjects with t metabolic syndrome and history of cvd: a double-blind randomized controlled trial. International Symposium on Atherosclerosis (ISA) Location: Toronto, CANADA Date: JUN 09-12, 2018.

27) **Sadeghi M**. Association between plasma lipid disorders and 12-years cardiovascular events - isfahan cohort study (ics). International Symposium on Atherosclerosis (ISA) Location: Toronto, CANADA Date: JUN 09-12, 2018.

28) **Sadeghi M**. Changes of inflammatory markers' level during hospitalization in patients with acute myocardial infarction with and without depression. International Symposium on Atherosclerosis (ISA) Location: Toronto, CANADA Date: JUN 09-12, 2018.

29) Gharipour, M.; **Sadeghi, M.;** Talaie, M.; Sarrafzadegan, N. anthropometric indices predicting incident hypertension in an iranian population: the isfahan cohort study. Journal of Hypertension: June 2015; 33: p e394. doi: 10.1097/01.hjh.0000468607.43788.

30) **Sadeghi, M**, et al. Fixed combination therapy for secondary prevention of major cardiovascular events: design and protocol for Persian Polypill Study, a randomized clinical trial. 19th International Symposium on Atherosclerosis (ISA2021)

Books

1. **Sadeghi M**, Aghdak P. Cardiovascular Health for Literacy Campaign. 2003.
2. **Sadeghi M**, golshahi l. Women and cardiac health. 2006
3. **Sadeghi M**, shiri M. Developing Suitable Model for Self care of hypertensive Patients. 2012

Awards

2002	Selected physician of council of physicians
2004	Selected researcher of Isfahan Cardiovascular Research Center.
2009	Selected researcher of Isfahan governor-general.
2010	Selected researcher of Isfahan Cardiovascular Research Institute.
2011	selected researcher of Isfahan Cardiovascular Research Institute
2012	Selected researcher of Isfahan Cardiovascular Research Institute
	Selected researcher of Isfahan University of Medical sciences and governer-general
2013	selected researcher of Isfahan University of Medical sciences
2014	Selected researcher of Isfahan University of Medical sciences
2015	selected researcher of governer-general
2016	Third place in the 21th Razi Research Festival on Medical Sciences
2018	Selected researcher of Isfahan Cardiovascular Research Institute.
2018	Selected Researcher of Khayyam Special Prize Thesis Festival
2021	Selected researcher in medical sciences of Isfahan governor-general.