

CURRICULUM VITAE

Masoumeh Sadeghi, MD



Date of birth: 2 December 1968
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PERSONAL

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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 health
- 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).
- Having passed 150-hour training program in clinical anformatic fellowship (Kerman-Iran).
- Having passed intrnational training program in ICCPR cardiovascular rehabilitation foundations certification.



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.
- Reviewer member of JACC Asia journal.
- Reviewer member of NIMAD.

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.



Publication

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. *Research 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, Baghahi AB, Roohafza HR, Asgari S, Aghdak P, Sajadi F. Prevalence 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 depressive 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, Toghiasnifar 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.

- 36) **Sadeghi M**, Roohafza HR, Poormoghadas M, Tavasoli AA, Heidari R. Is common carotid Intima Media Thickness an independent predictor for coronary artery disease? *Advanced Research Yields in Atherosclerosis*.2005; 1(1):5-8.
- 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, Baghahi 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.

- 49) Roohafza HR, **Sadeghi M**, Attari A, Afshar H. Serum lipids in patients with mixed anxiety depressive disorder. *The Journal of Qazvin Univ of Med Sci.*2006; 10(4):36-41.
- 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.
- 52) **Sadeghi M**. The metabolic syndrome. *Advanced Research in Yields Atherosclerosis.*2006; 2(1):1-2.
- 53) **Sadeghi M**, Roohafza HR, Shirani SH, Baghahi AM, Golshadi I, Aghdak P. The evaluation between hematologic parameter and metabolic syndrome in an Iranian population- IHHP. *J of Rafsanjan University.*2006; 5(2):109-116.
- 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 angiographic 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 central 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.
- 72) Honarbakhsh S, **Sadeghi M**, Sanei H, Rabiei K. Can urine protein to ceratinin ratio predict the severity of coronary artery disease? *Journal of Isfahan Medical School*.2009; 27(93):74-83.
- 73) **Sadeghi M**, Poormogadas M, Roohafza HR, Mazaheri F, Tavassoli AA. Prevalence of patent foramen ovale in young patients with cryptogenic ischemic stroke. *Advanced Research Yields in Atherosclerosis*.2009; 5(2):76-80.

- 74) Akhbari MR, Sanei H, **Sadeghi M**, Akbari M, Sistan N. Correlation 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.
- 76) Khademi F, **Sadeghi M**, Ramezani M, Hashemi M, Sarrafzadegan N. The relation of cardiovascular risk factors and electrocardiographic change; Isfahan Healthy Heart Program. *Journal of Isfahan Medical School*.2010; 27(103):831-39.
- 77) Heidari R, **Sadeghi M**, Sanei H, Rabie K. The effect of TNG injection on angiographic complications. *Journal of Qazvin Univ*.2010; 14 (3):5-10.
- 78) **Sadeghi M**, Poormogadas M, Tavassoli AA, Roohafza HR. Is there any relationship between C - reactive protein level and complex coronary plaques in patients with unstable angina? *Advanced Research Yields in Atherosclerosis*.2010; 6(1): 31-34.
- 79) **Sadeghi M**, Tavasoli A, Roohafza H, Sarrafzadegan N. The relationship between Ankle-Brachial Index and number of involved coronaries in patients with stable angina. *Advanced Research Yields in Atherosclerosis*.2010; 6(1): 6-10.
- 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.
- 81) Mozafari M, **Sadeghi M**, Sanei H. Evaluation between leptin and adiponectin levels and coronary artery involvement instable angina patients. *Advanced Research Yields in Atherosclerosis*.2010; 6(2):50-55.
- 82) Roshdi Benam M, **Sadeghi M**, Sanei H, Mashayekhi R, Taheri SH, et al. Evaluation of fat cell's size, number and their mediators in ischemic heart disease patients. *Journal of Isfahan Medical School*.2010; 28(107): 225-237.
- 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, Pourmoghadass A, Ramezani MA. Prognostic factors for survival at 6-month follow-up of hospitalized patients with decompensated congestive heart failure. *ARYA Atherosclerosis Journal*.2010; 6(3):112-117.

- 85) Golabchi A, **Sadeghi M**, Sanei H, Akhbari MR. Can TIMI Risk Score predict angiographic involvement in patients with ST- elevation myocardial infarction? *Advanced Research Yields in Atherosclerosis*.2010; 6(2):69-73.
- 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.
- 87) Shafie D, **Sadeghi M**, Hashemi M, Heydarpour M. Evaluation of heare rate recovery and exercise capacity in metabolic syndrome patients compared with in dividualls without mtabolic syndrome. *Journal of Isfahan Medical School*.2011; 28(115, 3rd):1-11.
- 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.
- 89) **Sadeghi M**, Poormoghaddas Z, Yazdekhashti S, Ameid S. Evaluation of apolipoproteins A and B association with severity of coronary artery disease involvements. *Iranian Journal of Endocrinology and Metabolism*.2011; 13(2): 173-178.
- 90) **Sadeghi M**, Aghdak P, Sadri Gh, Fahami M, motamedi N, Roohafza H, Kelishadi R, Sarrafzadegan R. Do intervention strategies of Women Healthy Heart project (WHHP) impact differently on working women and housewives? *Advanced Research Yields in Atherosclerosis ARYA Atherosclerosis Journal*.2011, 6(4):131-137.
- 91) Kazemi A, **Sadeghi M**, Hashemi M, Heidari R, Gharipoor M, Golabchi A, Sarrafzadegan N. Evaluation the relation between metabolic syndrome and its components with low ABI in an Iranian population. *Journal of Isfahan Medical School. Journal of Isfahan Medical School*. 2011; 28(122): p1-9. 9p.
- 92) **Sadeghi M**, Sanei H, Hekmatnia A, Tavakoli B, Boshtam M, Khark M, Sarrafzadegan N. Evaluation between fat distribution in abdominal CT scan with some physical and biochemical variable in Ischemic patients: GAAMI Study. *Journal of Isfahan Medical School*.2011; 28(124): p1-10. 10p.
- 93) Sarrafzadegan N, Asgary S, Toghianifar N, Talaei M, Tavassoli AA, Boshtam M, **Sadeghi M**. Association of Apolipoprotein-A, B and Trans Fatty Acids with Cardiovascular Events: Isfahan Cohort Study. *Journal of Isfahan Medical School*. 2011; 28(124): p1-11. 11p.
- 94) Mazaheri SH, **Sadeghi M**, Sarrafzadegan N, Sanei H, Hekmatnia A, Tavakoli B. correlation between body fat distribution, plasma lipids and apolipoproteins with the severity of coronary involvement in patients with stable angina. *ARYA Atherosclerosis Journal*.2011, 6(4):142-146.

- 95) Kargarfard M, Basati F, **Sadeghi M**, Rouzbehani R, Golabchi A. Effects of a cardiac rehabilitation program on diastolic filling properties and functional capacity in patients with myocardial infarction. *Journal of Isfahan Medical School*.2011; 29(131): p243-252. 10p.
- 96) **Sadeghi M**, Pourmoghaddas Z, Alisaeidi A, Boshtam M, Yazdekhashti S, Sarrafzadegan N. Is there any relation between Circulating Endothelial-Leukocyte adhesion molecule -1 and extent of coronary artery involvements in men with angina pectoris? *Iranian Heart Journal*.2011; 12(4):37-42.
- 97) Roohafza H, **Sadeghi M**, Shahnám M, Navvab A, Khanbazian HA, Azad Kh. The effects of multimedia compact disk-based lifestyle interventions on youth, 2003-2007 (The Youth Intervention Project). *Journal of Health Systems Research (winter)*.2011; 7(5): 1-9.
- 98) Roohafza H, Shahnám M, Zolfaghari B, Toloei HR, Tavassoli A, **Sadeghi M**, et al. Stress level and smoking status in central Iran: Isfahan Healthy Heart Program. *ARYA Atherosclerosis Journal*. 2011; 6(4): 144-148.
- 99) Sadri GH, **Sadeghi M**, Sarrafzadegan N, Roohafza H, Yazdani H, Boshtam M, et al. The relation between hematologic variables and metabolic syndrome. *Iranian Heart Journal*.2011; 12(3):40-6.
- 100) **Sadeghi M**, Aghdak P, Dehghan Naseiri, Gaheri R, Sarrafzadeghan N. Comparison of cardiovascular risk factors and healthy lifestyle housewives and working in central Iran _ Isfahan Healthy Heart Program. *Journal of Lorestan University of Medical Sciences*.2012; 13(4):55-64.
- 101) **Sadeghi M**, Pourmoghaddas Z, Hekmatnia A, et al. Is Subcutaneous Fat Tissue Associated with Coronary Artery Disease? *Iranian Journal of Endocrinology and Metabolism*.2012; 14(2):150-156.
- 102) Esteki F, **Sadeghi M**, Mostafavi S, heidari H, Sarrafzadgan N. The effect of the cardiac rehabilitation program on obese and non-obese females with coronary heart disease. *Advance Biomedical Research*.2012; 1:17.
- 103) Sarrafzadegan N, **Sadegh M**, Paidarei N, Abadi E, Forouzani A, Hashemi M, Talaei M. Metabolic Syndrome and Structural and Functional Echocardiographic Characteristics: A Case Control Study in Isfahan Cohort Study. *Iranian Journal of Endocrinology and Metabolism*. 2012; 13 (6): 658-665.
- 104) Aghababaei E, **Sadeghi M**, Sarrafzadegan N, KHaledifar A, Roohafza H, Shafiei D. Evaluation of Heart Rate Reserve and Exercise Capacity in Individuals with and without Metabolic Syndrome in Isfahan. *Iranian Heart Journal*.2012; 13(2):40-8.

- 105) **Sadegh M**, Sarrafzadegan N, Shahabi J, Naghnaian M, Hedayat P. The 5-year trend of coronary artery diseases based on angiography results in central part of IRAN. *Iranian Heart Journal*.2012; 13(2): 12-19.
- 106) Mohammadian A, Baradaran Hr, Sarrafzadegan N, AllahBakhsi Hafshejani F, Hosseini Sh, AsadiLari M, et al. Evaluation of short-term survival of patients with acute myocardial infarction and the differences between the sexes in Isfahan and Najaf Abad between (1378 – 1387). *Razi Journal of Medical Sciences*.2012; 19(95):25-34.
- 107) Basati F, Kargarfard M, **Sadeghi M**, Golabchi M, Rozbahani R. Effects of a Cardiac Rehabilitation Program on Left Ventricular Systolic Function and Mass in Patient after Myocardial Infarction. *Journal of Isfahan Medical School*.2012; 30(187): 561-571.
- 108) Sarrafzadegan N, **Sadeghi M**, Gharipour M, Talaiei M, Shafie D, Aghababaie E. Left Ventricular Diastolic Function in Subjects with Metabolic Syndrome: Isfahan Cohort Study. *Iranian Heart Journal*.2013; 13(4):63-71.
- 109) Rajati F, Mostafavi F, **Sadeghi M**, Sharfirad Gh, Feizi A, Mohebi S. Exercising Self-Efficacy in Patient with Heart Failure: A Review Study. *J Health Syst Res*.2013; 8(6): 929-41.
- 110) Arabzadeh S, **Sadeghi M**, Rabiei K, Sarrafzadegan N. Factors affecting uncontrolled hypertension in an Iranian Population. *Iranian Heart Journal*.2013; 14(3): 49-56.
- 111) Naghnaeian M, **Sadeghi M**, Golshahi J, Pourmoghaddas A, Nouri F, Yazdekhasti S, et al. Differences between the characteristics of IHD patients undergoing different treatment modalities who adhere to cardiac rehabilitation programs. *Iranian Heart Journal* 2014; 15 (1): 32-38.
- 112) Heidari R, Shamsi I, Pourmoghaddas A, Basati GH, **Sadeghi M**. Evaluation of Plasma Myeloperoxidase Levels in Patients with Premature Myocardial Infarction. *Iranian Heart Journal*.2014; 14 (4): 30-5.
- 113) Golshahi J, **Sadeghi M**, Mousavi M, Porheidar B, Bidram P, Naderi-Boldaji R, et al. Association between Positive Family History for Hypertension and Salt Sensitivity of Blood Pressure in Normotensive Individuals. *Iranian Heart Journal*.2014; 15(4):32-7.
- 114) Garakyaraghi M, Bahrami P, **Sadeghi M**, Rabiei K, Taheri M, Pourmoghaddas A. Combination Effects of Selenium and Coenzyme Q10 on Left Ventricular Systolic Function in Patients with Heart Failure. *Iranian Heart Journal*.2014; 15(4):32-7.
- 115) **Sadeghi M**, Taheri L, Golshahi J, Rabiei K, Sarrafzadegan N. Left Ventricular Echocardiographic Variables in Occupational Exposure to Lead. *J Isfahan Med Sch*.2014; 32(297): 1269-77.

- 116) Golshahi J, **Sadeghi M**, Esteki Ghashghaei F, Roohafza H, Pourmoghaddas A. Is Rehabilitation Program More Effective in Obese Women with Coronary Artery Disease? J Isfahan Med Sch. 2014; 32(294): 1142-8.
- 117) Garakyaraghi M, Givi M, **Sadeghi M**, Pourmoghaddas A, Alizadeh N. Serum Myeloperoxidase Level in Patients with Chronic Heart Failure. Iranian Heart Journal.2015; 16(1):20-25.
- 118) Moeini M, Salehi Z, **Sadeghi M**, Kargarfard M, Salehi K. The effect of resistance exercise on mean blood pressure in the patients referring to cardiovascular research centre. Iranian J Nursing Midwifery Res.2015; 20(4):31-5.
- 119) Golshahi J, Khaledi Y, Aghababaei E, **Sadeghi M**, Hashemi M, Sanei H. Comparing Heart Rate Reserve and High-Sensitivity C-Reactive Protein in Patients with and without Metabolic Syndrome. J Isfahan Med Sch. 2015; 32(312): 2085-93.
- 120) Fatahian A, Nayeri H, **Sadeghi M**. Irisin as a Newly Biomarker in Diagnosis of Atherosclerosis and Myocardial Infarction. J Isfahan Med Sch.2015; 33(350):1-11.
- 121) Mohammadian, N Sarrafzadegan, **Sadeghi M**, Hamid Salehiniya, HR Roohafza, Sh Hosseini, S khazaie, A Mohammadian-Hafshejani. Factors Associated with Smoking Initiation and Continuation in Isfahan Mehdi 8. J Mazandaran Univ Med Sci 2015; 25(123): 99-110.
- 122) Moosavi-Sohroforouzani A, Esfarjani F, **Sadeghi M**, Heidari H. Comparing the effects of home-based exercise rehabilitation and center-based cardiac rehabilitation on lipid profiles of the patients with coronary artery disease. Feyz. 2015; 19(2): 135-43.
- 123) MoosaviSohroforouzani A, Esfarjani F, **Sadeghi M**, Rohafza HR. Assessing Psychological Factors After Home-Based Versus Centre-Based Cardiac Rehabilitation In Patients With Coronary Artery Disease. The Journal of Urmia Nursing and Midwifery Faculty. 2015; 13(9): 814-824.
- 124) Golshahi M, Kafami Z, **Sadeghi M**, Roohafza Hr, Ziaie P, et al. Does oral contraceptives increase the risk of cardiovascular events? A cohort survey on Iranian population. Iranian Heart Journal.2016; 17(1): 29-37.
- 125) Pourmoghadas A, Molavi S, Roohafza HR, Khalili N, **Sadeghi M**. Is the Extent of Coronary Artery Stenosis in Prediabetic Patients Similar to That in Diabetics? Iranian Heart Journal. 2016; 17(1): 38-44.
- 126) Mohammadi N, Aghayosefi A, Alipour A, Nikrahan G, **Sadeghi M**, Roohafza H. The Comparison of Negative and Positive Psychological Factors in Patients with Coronary Heart Disease with and without Metabolic Syndrome. J Res Behav Sci.2017; 1 5(4): 480-7.

- 127) Parsa Ar, **Sadeghi M**, Roghani F, Golshahi, Khani A, Yazdekhasti S. Effects of Changes in Myocardial Dysfunction on Quality of Life in Patients Undergoing Coronary Angioplasty After Cardiac Rehabilitation. *Iranian Heart Journal*. 2018; 19(1): 52-60.
- 128) Garakyaraghi M, **Samadi M**, Sadeghi M, Givi M. Effects of Myocardial Phosphodiesterase 5 Inhibitors on the Left Ventricular Function in Patients with Heart Failure: A Randomized Clinical Trial. *Iranian Heart Journal*. 2018; 19(1): 61-67.
- 129) Jabari A, **Sadegi M**, Reeisi AR, Asgari Dasjerdi H. Pharmacological adherence with clinical guidelines: Acute coronary syndrome. *J Shahrekord Univ Med Sci*. 2018; 20(1): 63-69.
- 130) Hovsepian V, Marandi M, Esfarjani F, Zavar R, **Sadegi M**. The Effect of All-Extremity High-Intensity Interval Training on Plasma Pentraxin 3 in Young Overweight and Obese Women. *Asian Journal of Sports Medicine*. 2019; 10 (4): e92849.
- 131) Bavari F, Roohafza H, Farzanegan M, Hashemi M, Dorostkar N, Khosravi E, et al. The Effect of Bioenergy Economy on Cardiac Function and Inflammatory Factors in Myocardial Infarction: A Randomized Controlled Trial. *International Journal of Body, Mind and Culture*. 18 June 2022;9(2). Doi: 10.22122/ijbmc.v9i2.355
- 132) Shemirani H, Hadi N, Jafarian R, **Sadeghi M**, Khosravi A, Mansouri A. The Effect of Hemodialysis of on Serum Troponin I level in Patients with Renal Disease and Normal Left Ventricular Ejection Fraction. *Journal of Isfahan Medical School*.2022; 39(655), pp. 993-998.
- 133) Tavassoli P, Jamalian M, Riahi A, Roohafza HR, Soleimani A, Shafiei M, et al. Long-Term Hospital Readmission after ST-Elevation Myocardial Infarction: A 3-Year Follow-up from the SEMI-CI Study. *Journal of Tehran University Heart Center*.2022; 17(4), pp. 230-235.
- 134) **Sadeghi M**, Sheikhabahaei E, Talaei M, Gholamrezaei A, Sharif V, Roohafza HR. Effects of Early Repolarization on Electrocardiography and Long-term Cardiovascular Outcomes: A 15-Year Population-Based Cohort Study. *Journal of Tehran University Heart Center*.2022; 17(4), pp. 195-201.
- 135) Olamazadeh MH, Sharif GH, Gharipour M, **Sadeghi M**, Khosravi E, Olamazadeh SH, et al. The Effect of a Cardiac Rehabilitation Period on Changes in BDNF Levels and Functional Capacity in patients With Acute Myocardial Infarction. *Jundishapur Journal of Medical Sciences*.2022;20(5).
- 136) Jafari A, Soleimani A, **Sadeghi M**, Roohafza H, Talaei M, Dianatkhah M, et al. Evaluation of the Relationship between Hematological Indices and Cardiovascular Events in Isfahan Cohort Study. *Avicenna Journal of Clinical Medicine*.2021;28(3):151-157.
- 137) Bagholi Kermani M, Golparvar M, Athashpour H, **Sadeghi M**. Comparison of the effect of integrative behavioral couple therapy, and couple schema therapy on affective capital and depression among people with coronary artery disease and their spouses. *Cardiovascular Nursing Journal*.2021;10(1).
- 138) Bagholi Kermani, Nikrahan GH, **Sadeghi M**. The Effectiveness of Happening Training on General Health and C-reactive Protein in Coronary Patients. *Positive Psychology Research*.2019; 5(1):55-70.

Articles in International Journals

- 1) Sarraf-Zadegan N, Sadri G, Malek-Afzali H, Baghaei M, Mohammadi-Fard N, Shahrokhi S, Toloie H, Poormoghaddas M, **Sadeghi M**, Tavassoli A, Rafiei M. Isfahan Healthy Heart Programme: a comprehensive integrated community-based programme for cardiovascular disease prevention and control. Design, methods and initial experience. *Acta cardiologica*. 2003 Aug 1; 58(4):309-20.
- 2) **Sadeghi M**, Roohafza HR, Kelishadi R. High Blood pressure and associated cardiovascular risk factors in Iran, IHHP. *Med J Malaysia*. 2004 Oct; 59(4):460-467.
- 3) **Sadeghi M**, Roohafza HR. Serum lipid distribution and prevalence of dyslipidemia in urban and rural communities in Iran, IHHP. *Pakistan Journal of Cardiology*.2004; 14 (2):88-95.
- 4) Asgary S, Naderi GH, **Sadeghi M**, et al. Antihypertensive effect of Iranian *crataegus curvisepala linda*: a randomized double blind study. *Drugs under Experimental and Clinical Research*.2004; 30(5/6):221-225.
- 5) Roohafza HR, **Sadeghi M**, Kelishadi R. Cardiovascular risk factors in Iranian adults according to educational levels: IHHP. *APJPH*.2005; 17(1): 9-14.
- 6) Kelishadi R, Hashemipoor M, **Sadeghi M**, Roohafza HR, Tavassoli AK, Khosravi A. The impact of familial factor on obesity in Iranian children and adolescent. *J Ped Neonat*. 2005; 2(2):16-23.
- 7) **Sadeghi M**, Roohafza HR, Poormoghaddas M, Shirani SH, Golshadi I. The effect of smoking habit on C-reactive protein in Iranian population. *Pakistan Journal of Cardiology*.2005; 16(23):138-42.
- 8) Kelishadi R, Sadri G, Tavassoli AA, Kahbazi M, Roohafza HR, **Sadeghi M**, Khosravi A, Sabet B, Amani A, Ansari R, Alikhassy H. Cumulative prevalence of risk factors for atherosclerotic cardiovascular diseases in Iranian adolescents: IHHP-HHPC. *J Pediatr (Rio J)*.2005; 81(6):447-53.
- 9) Saidie M, Rabiei K, Kelishadi R, **Sadeghi M**, et al. The association of leisure time physical activity, watching television, obesity & lipid profile in Iranian population. *Pakistan J Medical Sciences*. 2005;21(4):413-416.
- 10) **Sadeghi M**, Roohafza HR, Shirani SH, Poormoghaddas M, Kelishadi R, Baghaie A, Sarrafzadegan N. Diabetes and associated cardiovascular risk factors in Iran: Isfahan Healthy Heart Programms. *Annals-Academy of Medicine Singapore*. 2007 Mar 1; 36(3): 175-180.

- 11) Roohafza H, **Sadeghi M**, sarrafzadegan N, Baghaei A, Kelishadi R, Mahvash M. Short communication: relation between stress and other life style factors. *Stress and Health* 2007; 23: 23-29.
- 12) Adibi P, **Sadeghi M**, Mahsa M, Rozati G, Mohseni M. Prediction of coronary atherosclerotic disease with liver trans aminases level. *Liver International*. 2007 Sep; 27(7):895-900.
- 13) Sarrafzadegan N, Rezaporian P, Kaypour M, Mohseni M, **Sadeghi M**, Asgary S, Sabet B. Prognostic value of infection and inflammation markers for late cardiac events in an Iranian sample. *Eastern Mediterranean Health Journal* 2008; 14(6):1246-56.
- 14) Sarrafzadegan N, Kelishadi R, Baghai AM, Sadri GH, Malek Afzali 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. *International journal of cardiology*. 2008 Dec 17; 131(1):90-6.
- 15) Siavash M, **Sadeghi M**, salarifar F, Amini M, Shojaee-Mporadie F. Comparison of body mass index and waist/height ratio in predicting definite coronary artery disease. *Ann Nutr Metab* 2008; 53(3):162-6.
- 16) Sarrafzadegan N, **Sadeghi M**, Tavassoli A, Mohseni M, Alikhasi H, Rabiei K, Bahonar A. Sex difference in the impact of a community-based program for non-communicable disease prevention: The Isfahan Healthy Heart Program (IHHP). *J Public Health*, springer 2009. Published online
- 17) Sarrafzadegan N, Ashrafi F, Noorbakhsh M, Haghighi M, **Sadeghi M**, Mazaher F, Asgari S, Akhavan A. Association of breast artery calcification with coronary artery disease and carotid intima media thickness in Iranian pre-menopausal women. *Eastern Mediterranean Health Journal*; 2009; 15(6): 1474-81.
- 18) Sarrafzadegan N, Rabiei K, Kabir A, **Sadeghi M**, Khosravi A, Asgari S. Gender differences in risk factors and outcomes after cardiac rehabilitation. *Acta cardiol*2008; 63(3):1-8.
- 19) Afshar H, Roohafza HR, Mousavi G, Golchin S, Toghianifar N, **Sadeghi M**, et al. Topiramate add-on treatment in schizophrenia: randomized, double-blind, placebo-controlled clinical trial. *Journal of Psychopharmacology*. 2009 Mar; 23(2):157-62.
- 20) Roohafza H, **Sadeghi M**, Shirani Sh, Bahonar A, Mackie M, Sarafzadegan N. Association of socioeconomic status and life-style factors with coping strategies in Isfahan Healthy Heart Program, Iran. *Croat Med J*.2009; 50: 380-6.
- 21) Roohafza H, **Sadeghi M**, Shahn timer M, Bahonar A, Sarafzadegan N. Perceived factors related to cigarette and waterpipe (ghelyan) initiation and maintenance in university students of Iran. *International journal of public health*. 2011 Apr 1; 56(2):175-80.

- 22) Roohafza H, Talaei M, **Sadeghi M**, Mackie M, Sarafzadegan N. Association between acute and chronic life events on acute coronary syndrome: a case-control study. *JCardiovasc Nurs*. 2010; 25 (5): 1-7.
- 23) Heidari H, **Sadeghi M**, Talaei M, Rabiei K and Mohammadifard N, Sarrafzadegan N. Metabolic syndrome in menopausal transition: Isfahan Healthy Heart Program, a population based study. *Diabetology & Metabolic Syndrome*. 2010 Dec 1; 2(1): Article number 59.
- 24) Tavassoli AA, Gharipour M, Khosravi Ar, Kelishadi R, Dana Siadat Z, Bahonar A, et al. Gender differences in obesogenic behaviour, socioeconomic and metabolic factors in a populationbased sample of Iranians: The IHHP Study. *Health Populat Nutri* 2010; 28(6):602-609.
- 25) Sarrafzadegan N, Talaei M, **Sadeghi M**, Kelishadi R, Oveisgharan S, Mohammadifard N, et al. The Isfahan Cohort Study: Rationale, Methods and Main Findings. *Journal of human hypertension*. 2011 Sep; 25(9):545-53.
- 26) Talaie M, **Sadeghi M**, Marshall T, G. Neil Thomas, Kabiri P, Sarrafzadegan N. Impact of metabolic syndrome on ischemic heart disease – A prospective cohort study in an Iranian adult population: Isfahan Cohort Study. *Nutrition, Metabolism & Cardiovascular Diseases* 2012; 22(5):434-41.
- 27) Talaei M, Neil Thomas G, Marshall T, **Sadeghi M**, Iranipour R, Oveisgharan Sh, Sarrafzadegan N. Appropriate cut-off values of waist circumference to predict cardiovascular outcomes: 7 years' follow-up in an Iranian population. *Internal Medicine*. 2012;51(2):139-46.
- 28) Sarrafzadegan N, Talaei M, Kelishadi R, Toghyanifar N, **Sadeghi M**, Tavasoli A, et al. The Influence of gender and place of residence on the incidence of cardiovascular disease and their risk factors in the Isfahan Cohort Study. *Saudi Med J*. 2012 May;33(5):533-40.
- 29) **Sadeghi M**, Roohafza H, Afshar H, Rajabi F, Ramzani MA, Shemirani H, Sarrafzadegan N. Relationship between depression and apolipoproteins A and B: a case–control study. *Clinics*. 2011; 66(1):113-117.
- 30) Roohafza H, Ramezani MA, **Sadeghi M**, Shahn timer M, Zolfagari B, Sarrafzadegan N. Development and validation of the stressful life event questionnaire. *International journal of public health*. 2011 Aug 1; 56(4):441-448.
- 31) Moeini M, Givi M, Ghasempour Z, **Sadeghi M**. The effect of massage therapy on blood pressure of women with pre-hypertension. *IJNMR* 2011; 16(1): 61-70.
- 32) Toghianifar N, Sarrafzadegan N, Roohafza H, **Sadeghi M**, Eshrati B, Sadri G. Smoking cessation support in Iran: availability, sources & predictors. *Indian J Med Res*. 2011 Jun; 133(6):627-32. PubMed PMID: 21727661.

- 33) Roohafza H, Talaei M, Pourmoghaddas Z, Rajabi F, **Sadeghi M**. Association of social support and coping strategies with acute coronary syndrome: A case-control study. *J Cardiol*. 2012; 59: 154-159. PubMed PMID: 22266457.
- 34) Pourmoghaddas Z, **Sadeghi M**, Hekmatnia A, Sanei H, Tavakoli B, Roohafza Hr, et al. Different measurements of the obesity, adiponectin and coronary heart disease. *Journal of Research in Medical Sciences* 2012; 16(Special Issue2).
- 35) Afshar H, Roohafza Hr, **Sadeghi M**, Saadaty Ar, Salehi M, Motamedi M, et al. Positive and negative perfectionism and their relationship with anxiety and depression in Iranian school students. *Journal Research of Medical Sciences* 2011; 16(1): 79-86.
- 36) Masoudkabar F, Toghianifar N, Talaie M, **Sadeghi M**, Sarrafzadegan N, Mohammadifard N, et al. Socioeconomic status and incident cardiovascular disease in a developing country: findings from the Isfahan cohort study (ICS). *International Journal of Public Health* 2012 Jun; 57(3):561-8.
- 37) **Sadeghi M**, Golabchi A, Haghani P, Gharipour M, Naderi Gh, Sarrafzadegan N. Can anti-streptokinase antibody predict myocardial infarction outcomes after streptokinase treatment? *JPak Med Assoc* 2012; 62(3): (supple 1) 31-34.
- 38) Nezarat N, **Sadeghi M**, Rabiei K, Afsharmoghaddam N, Sarrafzadegan N, Setareh M, et al. The Effect of Body Fat Distribution on Coronary and Carotid Atherosclerosis (An autopsy Study). *Journal of Research in Medical sciences*, March 2012; 17(Special Issue 1).
- 39) Roohafza H, **Sadeghi M**, Talaei M, Pourmoghaddas Z, Sarrafzadegan N. Psychological status and quality of life in relation to the metabolic syndrome: Isfahan Cohort Study. Hindawi Publishing Corporation. *International Journal of Endocrinology* 2012 Volume 2012, Article ID 380902, 5 pages doi:10.1155/2012/380902
- 40) Basati F, **Sadeghi M**, kargarfard MM, Golabchi A, Yazdekhashti S. Effect of a cardiac rehabilitation program on systolic function and LV mass in patient after myocardial infarction post revascularization. *Journal of Research in Medical sciences* 2012; 17(5).
- 41) Dana Siadat Z, Shariat AS, **Sadeghi M**, Kiani K, Farajzadegan Z, Kheirmand M. Vitamin D Deficiency and coronary artery disease. *Journal of Research in Medical sciences*, March 2012 Special Issue (2)
- 42) Sarrafzadegan N, Talaei M, Kelishadi R, Toghianifar N, **Sadeghi M**, Oveisgharan SH, Et al. The influence of gender and place of residence on cardiovascular diseases and their risk factors. The Isfahan cohort study. *Saudi Med J*. 2012 May; 33(5):533-40.
- 43) Naini AE, Sadeghi M, Mortazavi M, Moghadasi M, Harandi AA. Oral carnitine supplementation for dyslipidemia in chronic hemodialysis patients. *Saudi J Kidney Dis Transpl* 2012 May; 23(3):484-8.

- 44) Sarrafzadegan N, **Sadeghi M**, Tavassoli AA, Mohseni M, Alikhasi H, Rabiei K, Bahonar A. Sex differences in the impact of a community-based program for non-communicable disease prevention: The Isfahan Healthy Heart Program (IHHP). *Journal Article: Journal of Public Health* (impact factor: 1.23). 04/2012; 17(4):257-263. DOI: 10.1007/s10389-008-0240-7.
- 45) Sarrafzadegan N, **Sadeghi M**, Ghaffarpasand F, Alisaeidi A, Sanei H, Zakeri H, et al. Interleukin-6 and E-selectin in acute coronary syndromes and stable angina pectoris a comparative study. *Herz* 2012. DOI 10.1007/s00059-012-3648-3.
- 46) **Sadeghi M**, Ghashghaei E, Rabiei K, Roohafza HR, Afshar H. Is there any difference between non-obese male and female in response to cardiac rehabilitation programs? *Journal of Research in Medical Sciences* 2012; August 2012: 787-91.
- 47) **Sadeghi M**, Esteki Ghashghaei F, Roohafza H. Comparing the effects of a cardiac rehabilitation program on functional capacity of obese and non-obese women with coronary artery disease. *ARYA Atherosclerosis Journal* 2012 (Summer); 8(2):55-8.
- 48) Maleki A, Shariari A, **Sadeghi M**, Rashidi N, Alyari F, Forughi S, et al. Evaluation of fibrinolytic medical therapy for patients with acute myocardial infarction. *ARYA Atherosclerosis Journal* 2012, 8(1).46-49.
- 49) Taheri L, **Sadeghi M**, Sanei H, Rabiei K, Sarrafzadegan N. Effects of occupational exposure to lead on left ventricular echocardiographic variables. *ARYA Atherosclerosis Journal* 2012, 8(3):130-135.
- 50) Farzamnia H, Rabiei K, **Sadeghi S**, Roghani F. The predictive factors of recurrent deep vein thrombosis. *ARYA Atherosclerosis Journal* 2011, 7(3): 123-28.
- 51) **Sadeghi M**, Heidari R, Mostanfar B, Roghani F, Yazdekhashti S. The relation between Ankle–Brachial Index (ABI) with severity of coronary artery disease and its risk factor- an angiographic study. *ARYA Atherosclerosis Journal* 2011, 7(2).
- 52) Maleki A, **Sadeghi M**, Zaman M, Tarrahi MJ, Nabatchi B. Nifedipen. Captopril or sublingual nitroglycerin ycerin which can reduce blood pressure the most? *ARYA Atherosclerosis Journal* 2011, 7(3).
- 53) Esteki Ghashghaei F, **Sadeghi M**, Marandi M, Esteki Ghashghaei S. Exercise-based cardiac rehabilitation improves hemodynamic responses after coronary artery bypass graft surgery. *ARYA Atherosclerosis Journal* 2012, 7(4): 151-6.
- 54) Sarrafzadegan N, Gharipour M, **Sadeghi M**, Khosravi A, Tavassoli AA. Metabolic syndrome in Iranian elderly. *ARYA Atherosclerosis Journal* 2012, 7(4): 157-161.
- 55) Roohafza H, Sarrafzadegan N, **Sadeghi M**, Talaei M, Talakar M, Mahvash M. The effectiveness of stress management intervention in a community-based program: Isfahan healthy heart program. *ARYA Atherosclerosis Journal* 2012, 7(4):176-183.

- 56) Esteki Ghashghaei F, **Sadeghi M**, Rabiei K, Roohafza H, Sarrafzadegan N. Gender differences in risk factors of obese patients after cardiac rehabilitation program. *Iranian Journal of Nursing and Midwifery Research* | July-August 2012, 17(5): 381-385.
- 57) Golabchi A, Basati F, Kargarfard M, **Sadeghi M**. Can cardiac rehabilitation programs improve functional capacity and left ventricular diastolic function in patients with mechanical reperfusion after ST elevation myocardial infarction? A double-blind clinical trial. *ARYA Atherosclerosis Journal* 2012, 8(3):125-129.
- 58) Aghababaei E, **Sadeghi M**, Talaei M, Rabiei K, Roohafza H, Sarrafzadegan N. Is prehypertension a risk factors for cardiovascular diseases among Iranian women? *Journal of Research in Medical sciences* 2012;(17) 11:947.
- 59) Dana Siadat Z, Kiani K, **Sadeghi M**, Shariat AS, Farajzadegan Z, Kheirmand Z. Association of vitamin D deficiency and coronary artery disease with cardiovascular risk factors. *Journal of Research in Medical Sciences* 2012; 17(11): 1052.
- 60) **Sadeghi M**, Emami A, Ziyaei N, Yaran M, Golabchi A, Sadeghi A. Aspirin resistance and ischemic heart disease on Iranian experience. *Adv Biomed Res.* 2012; 1:33. PMID:23210092
- 61) Ghashghaei FE, **Sadeghi M**, Mostafavi S, Heidari H, Sarrafzadegan. The effect of the cardiac rehabilitation program on obese and non-obese females with coronary heart disease. *Adv Biomed Res* 2012; 1(2).
- 62) Afshar H, Roohafza H, Mohammad-Beigi H, Haghighi M, Jahangard L, Shokouh P, **Sadeghi M**, Hafezian H. N-Acetylcysteine add-on treatment in refractory obsessive-compulsive disorder a randomized, double-blind, placebo-controlled trial. *Journal of clinical psychopharmacology.* 2012 Dec 1; 32(6):797-803.
- 63) Gharipour M, **Sadeghi M**, Mansourian M, Andalib E, Talaie M, Mohamadifard N, Sarrafzadegan N. Correlation of circulating inflammatory markers, ghrelin, adiponectin with obesity indices in subjects with metabolic syndrome. *Pakistan Journal of Medical Sciences* 2013 ;(29)1: 264-268.
- 64) Gharipour M, Sarrafzadegan N, **Sadeghi M**, Andalib E, Talaie M, Shafie D, Aghababaie E. Predictors of metabolic syndrome in the Iranian population: waist circumference, body mass index, or waist to hip ratio? *Cholesterol.* 2013; 2013:198384. doi: 10.1155/2013/198384.
- 65) Abedini M, **Sadeghi M**, Naini AE, Atapour A, Golshahi J. Pulmonary Hypertension among Patients on Dialysis and Kidney Transplant Recipients. *Ren Fail.* 2013; 35(4):560-5. 10.3109/0886022X.2013.766567.
- 66) Khayyam Nekouei Z, Neshatdoost H, Yousefy A, **Sadeghi M**, Manshaei GR. Psychological factors and coronary heart disease. *ARYA atherosclerosis.* 2013 Jan; 9(1):102-111.

- 67) Sarrafzadegan N, Khosravi H, Esmailzadeh A, **Sadeghi M**, Rafieian kopaei M, Asgary S. The association between hyper triglyceridemic waist phenotype, menopause and cardiovascular risk factors. *Arch Iran Med.* 2013; 16(3): 161 – 166.
- 68) Shokouh P, Joharimoghadam A, Roohafza Hr, **Sadeghi M**, Golabchi A, Boshtam M, et al. Effects of Pioglitazone on Asymmetric Dimethylarginine and Components of the Metabolic Syndrome in Nondiabetic Patients. *Hindawi Publishing Corporation PPAR Research Volume 2013, Article ID 358074, 9 pages.*
- 69) Khaledi Y, Aghababaei E, **Sadeghi M**, Hashemi M, Sanei H. Evaluation of heart rate reserve and high-sensitivity C-reactive protein in individuals with and without metabolic syndrome in Isfahan, Iran. *ARYA Atherosclerosis Journal* 2012, 8(2): 70-75.
- 70) **Sadeghi M**, Khalili M, Pourmoghaddas M, Talaei M. The correlation between blood pressure and hot flashes in menopausal women. *ARYA Atherosclerosis Journal* 2012, 8(1): 32-35.
- 71) Sarrafzadegan N, Kelishadi R, Sadri GH, Malekafzali H, Pourmoghaddas M, Heidari K, et al. Outcomes of a Comprehensive Healthy Lifestyle Program on Cardiometabolic Risk Factors in a Developing Country: The Isfahan Healthy Heart Program. *Archives of Iranian Medicine.* 2013 Jan 1; 16(1): 4-11.
- 72) Sali R, Roohafza Hr, **Sadeghi M**, Andalib E, Shavandi H, Sarrafzadegan N. Validation of the Revised Stressful Life Event Questionnaire Using a Hybrid Model of Genetic Algorithm and Artificial Neural Networks. *Hindawi Publishing Corporation Computational and Mathematical Methods in Medicine Volume 2013, Article ID 601640, 7 pages* <http://dx.doi.org/10.1155/2013/601640>
- 73) **Sadeghi M**, Pourmoghaddas Z, Hekmatnia A, Sanei H, Tavakoli B, Tchernof A, et al. Abdominal Fat Distribution and Serum Lipids in Patients with and without Coronary Heart Disease. *Archives of Iranian Medicine* 2013; 16(3):149-53.
- 74) Sarrafzadegan N, Gharipour M, **Sadeghi M**, Nouri F, Asgary S, Zarfeshani S. Differences in the prevalence of metabolic syndrome in boys and girls based on various definitions. *ARYA Atherosclerosis Journal* 2013, 9(1): 70-76.
- 75) Talaei M, Sarrafzadegan N, **Sadeghi M**, Oveisgharan SH, Marshall T, Thomas G, et al. Incidence of Cardiovascular Diseases in an Iranian Population: The Isfahan Cohort Study. *Archives of Iranian Medicine.* 2013 Mar 1; 16(3): 138-144.
- 76) Roohafza HR, Talaei M, **Sadeghi M**, Haghani P, Shokouh P, Sarrafzadegan N. Opium Decreases the Age at Myocardial Infarction and Sudden Cardiac Death: A Long- and Short-term Outcome Evaluation. *Archives of Iranian Medicine* 2013; 16(3):154-160.

- 77) Roohafza HR, **Sadeghi M**, Shahnam M, Shokouh P, Teimori S, Sarrafzadegan N. Social norms of cigarette and hookah smokers in Iranian universities. *ARYA Atherosclerosis Journal* 2013, 9(1): 45-50.
- 78) Gharipour M, Khosravi AR, **Sadeghi M**, Roohafza HR, Hashemi M, Sarrafzadegan N. Socioeconomic characteristics and controlled hypertension: Evidence from Isfahan Healthy Heart Program. *ARYA Atherosclerosis Journal* 2013, 9(1): 77-81.
- 79) Sarrafzadegan N, Khosravi-Boroujeni H, **Sadeghi M**, Esmailzadeh A, et al. The Association between Hypertriglyceridemic Waist Phenotype, Menopause, and Cardiovascular Risk Factors. *Archives of Iranian Medicine*. 2013 Mar 1; 16(3):161-166.
- 80) Roohafza HR, Sarrafzadegan N, **Sadeghi M**, Khosravi-Boroujeni H, et al. The Association between Stress Levels and Food Consumption among Iranian Population. *Archives of Iranian Medicine*. 2013; 16(3):145-148.
- 81) Talaei M, **Sadeghi M**, Marshall. T, G.N. Thomas, Iranipour R, Nazarat N, Sarrafzadegan N. Anthropometric indices predicting incident type 2 diabetes in an Iranian population: The Isfahan Cohort Study. *Diabetes & Metabolism* 2013; 39:424-31.
- 82) Shahriari M, Ahmadi M, Babaee S, Mehrabi T, **Sadeghi M**. Effects of a family support program on self-care behaviors in patients with congestive heart failure. *Iran J Nurs Midwifery Res*. 2013 Mar; 18(2):152-7.
- 83) Roohafza H, Heidari K, Omidi R, Alinia T, Rajabi F, Bagheri S, et al. Methodology of Isfahan Tobacco Use Prevention Program: First Phase. *Advances in Preventive Medicine*, 2013, Article ID 182170, 5 pages
- 84) Gharipour M, Ramezani MA, **Sadeghi M**, Khosravi AR, Masjedi M, Khosravi-Boroujeni H, et al. Sex based levels of C-reactive protein and white blood cell count in subjects with metabolic syndrome: Isfahan Healthy Heart Program. *Journal of Research in Medical Sciences*. 2013; 18(6):467-472.
- 85) Rajati F, Mostafavi F, Sharifirad GR, **Sadeghi M**, Tavakol K, Feizi A. A theory-based exercise intervention in patients with heart failure: A protocol for randomized, controlled trial. *Journal of Research in Medical Sciences* 2013; 18(8):659-667.
- 86) **Sadeghi M**, Esteki Ghashghaei F, Rabiei K, Golabchi A, Noori F, et al. Does significant weight reduction in men with coronary artery disease manage risk factors after cardiac rehabilitation program? *Journal of Research in Medical Sciences* 2013; 18(11):956-60.
- 87) Taheri L, Sadeghi M, Sanei H, Rabiei K, Arabzadeh S, Afshar H, Sarrafzadegan N. The Relation between Occupational Exposure to Lead and Hypertension among Employed Normotensive Men in Isfahan. *Journal of Research in Medical Sciences* 2014; 19(6):490-4.

- 88) Talaei M, **Sadeghi M**, Mohammadifard N, Shokouh P, Oveisgharan Sh, Sarrafzadegan N. Incident hypertension and its predictors: The Isfahan Cohort Study. *Journal of Hypertension*. 2014; 32(1):30-38.
- 89) Baseri M, Heidari R, Mahaki B, Hajizadeh Y, Momenizadeh A, **Sadeghi M**. Myeloperoxidase predicts angiographic severity of coronary artery disease in patients with chronic stable angina. *Advanced Biomedical Journal* 2014; 3:139.
- 90) Adibi A, Jaberzadeh M, Dalili AR, Omidifar N, **Sadeghi M**. Association between nonalcoholic fatty liver disease (NAFLD) and coronary artery disease (CAD) in patients with angina pectoris. *Open Journal of Medical Imaging* 2013; 3: 97-101.
- 91) **Sadeghi M**, Yazdekhashti S, Roohafza Hr, Kasaei Z, Aghdak P. Women Health Heart Project: Methodology and effect of interventional strategies on low-education participants. *J Education and health Promotion* 2014; 3: 103.
- 92) Gharipour M, **Sadeghi M**. Pivotal role of microRNA-33 in metabolic syndrome: A systematic review. *ARYA Atherosclerosis* 2013; 9(6):372-6.
- 93) **Sadeghi M**, Garakyaraghi M, Khosravi M, Taghavi M, Sarrafzadegan N, Roohafza H. The Impacts of Cardiac Rehabilitation Program on Echocardiographic Parameters in Coronary Artery Disease Patients with Left Ventricular Dysfunction. *Cardiology Research and Practice* Volume 2013, Article ID 201713, 4 pages <http://dx.doi.org/10.1155/2013/201713>
- 94) Mohammadian-Hafshejani A, Sarrafzadegan N, Hosseini Sh, Baradaran Hr, Roohafza HR, **Sadeghi M**, et al. Seasonal pattern in admissions and mortality from acute myocardial infarction in elderly patients in Isfahan, Iran. *ARYA Atherosclerosis*. 2014; 10(1): 46-54.
- 95) **Sadeghi M**, Khosravi-Boroujeni H, Sarrafzadegan N, Asgary S, Roohafza H, Gharipour M, Sajjadi F, Khalesi S, Rafieian-Kopaei M. Cheese consumption in relation to cardiovascular risk factors among Iranian adults- IHHP Study. *Nutr Res Pract*. 2014 Jun;8(3):336-41. doi: 10.4162/nrp.2014.8.3.336.
- 96) Arabzadeh S, **Sadeghi M**, Rabiei K, Sarrafzadegan N, Taheri L, Golshahi J. Determinants of uncontrolled hypertension in an Iranian population. *ARYA Atherosclerosis* 2014; 10(1): 25-31.
- 97) Roohafza Hr, **Sadeghi M**, Naghnaian M, Shokouh P, Ahmadi A, Sarrafzadegan N. Relationship between Metabolic Syndrome and Its Components with Psychological Distress. Hindawi Publishing Corporation. *International Journal of Endocrinology* Volume 2014, Article ID 203463, 5 pages <http://dx.doi.org/10.1155/2014/203463>.
- 98) Gharipour M, **Sadeghi M**, Dianatkah M, Bidmeshki Sh, Ahmadi Ar, Taheri M, et al. The Cut-Off Values of Anthropometric Indices for Identifying Subjects at Risk for Metabolic

Syndrome in Iranian Elderly Men. Hindawi Publishing Corporation Journal of Obesity Volume 2014, Article ID 907149, 6 pages <http://dx.doi.org/10.1155/2014/907149>.

- 99) Roohafza H, **Sadeghi M**, Khani A, Andalib E, Alikhasi H, Rafiei MA, Psychological state in patients undergoing coronary artery bypass grafting surgery or percutaneous coronary intervention and their spouses. *International Journal of Nursing Practice* 2015; 21: 214–220.
- 100) Ahmadi Ar, Gharipour M, Nouri F, Kelishadi R, **Sadeghi M**, Sarrafzadegan M. Association between adolescence obesity and metabolic syndrome: Evidence from Isfahan Healthy Heart Program. *Indian Journal of Endocrinology and Metabolism* 2014; 18(4):569-73.
- 101) Haghjooy-Javanmard Sh, **Sadeghi M**, Safavi Sh, gheraati M, Dana N. Prognostic value of the high-mobility group box-1 in young patients with chest pain. *ARYA Atheroscler* 2014; 10(3):154-58.
- 102) Roohafza H, Khani A, **Sadeghi M**, Bahonar A, Sarrafzadegan N. Health volunteers' knowledge of cardiovascular disease prevention and healthy lifestyle following a community trial: Isfahan healthy heart program. *J Edu Health Promot* 2014; 3:59.
- 103) Khayyam Nekouei Z, Neshat Doost Ht, Manshaee Gh, **Sadeghi M**. The relationship of Alexithymia with anxiety-depression-stress, quality of life, and social support in Coronary Heart Disease (A psychological model). *J Edu Health Promot* 2014; 3:68.
- 104) Roohafza Hr, Kelishadi R, **Sadeghi M**, Hashemipour M, Pourmoghaddas A, Khani A. Are obese adolescents more depressed? *J Edu Health Promot* 2014; 3:74.
- 105) Sarrafzadegan N, Talaei M, **Sadeghi M**, Mohammadifard N, Taheri M, Lofizadeh M, et al. Determinants of Weight Change in a Longitudinal Study of Iranian Adults: Isfahan Cohort Study. *Archives of Iranian Medicine* 2014; 17(8); 539-44.
- 106) Tabesh F, Sanei H, Jahangiri M, Momenizadeh A, Tabesh E, Pourmohammadi K, **Sadeghi M**. The effects of Beta-Glucan rich Oat Bread on serum Nitric Oxide and vascular endothelial function in patients with hypercholesterolemia. *BioMed Research International* Volume 2014, Article ID 481904, 6 pages <http://dx.doi.org/10.1155/2014/481904>.
- 107) **Sadeghi M**, Garakyaraghi M, Taghavi M, Khosravi M, Saraf-Zadegan N, and Roohafza Hr. The Impacts of Cardiac Rehabilitation Program on Exercise Capacity, Quality of Life, and Functional Status of Coronary Artery Disease Patients with Left Ventricular Dysfunction. *Rehabilitation Nursing* 2015.
- 108) **Sadeghi M**, Talaei M, Parvaresh E, Dianatkah M, Oveisgharan Sh, Sarrafzadegan N. Determinants of incident prediabetes and type 2 diabetes in a 7-year cohort in a developing country: The Isfahan Cohort Study. *Journal of Diabetes*. 1 September 2015; 7 (5): 633–641.
- 109) Namazi Gh, Pourfarzam M, Jamshidi Rad S, Movahedian- Attar A, **Sadeghi M**, Asa P. Association of the Total Cholesterol Content of Erythrocyte Membranes with the Severity of

- Disease in Stable Coronary Artery Disease. Cholesterol. 2014; 2014, Article ID 821686, 6 pages <http://dx.doi.org/10.1155/2014/821686>.
- 110) Bayanfar Z, **Sadeghi M**, Heidari R, Gharipour M, Talaie M, Sedaghat A. Carotid intima-media thickness and plasma fibrinogen among subjects with metabolic syndrome: Isfahan cohort study, Iran. *ARYA Atheroscler* 2014; 10(5): 238-43.
 - 111) Momenizadeh A, Heidari R, **Sadeghi M**, Tabesh F, Ekramzadeh M, Haghghatian Z, Golshahi J, et al. Effects of oat and wheat bread consumption on lipid profile, blood sugar, and endothelial function in hypercholesterolemic patients: A randomized controlled clinical trial. *ARYA Atheroscler* 2014; 10(5): 259-65.
 - 112) Ostovaneh MR, Poustchi H, Hemming K, Marjani H, Pourshams A, Nateghi A, Majed M, Navabakhsh B, Khoshnia M, Jaafari E, Mohammadifard N, Malekzadeh F, Merat S, **Sadeghi M**, et al. Polypill for the prevention of cardiovascular disease (PolyIran): study design and rationale for a pragmatic cluster randomized controlled trial. *European journal of preventive cardiology*. 2015 Dec; 22(12):1609-17.
 - 113) Roohafza Hr, Kabir A, **Sadeghi M**, Shokouh P, Alaei-Andalibi H, Mehrabi Y, et al. Effect of Psychological Distress on Weight Concern and Weight Control Behaviors. *Archives of Iranian Medicine* 2014; 17(9):608-12.
 - 114) **Sadeghi M**, Talaei M, Zand I, Oveisgharan Sh, Iranipour R, Esteki F. Heart Rate and Cardiovascular Events: A Nested Case-Control in Isfahan Cohort Study. *Archives of Iranian Medicine* 2014; 17(9):633-7.
 - 115) **Sadeghi M**, Talaei M, Oveisgharan Sh, Rabiei K, Dianatkahh M, Bahonar A, et al. The cumulative incidence of conventional risk factors of cardiovascular disease and their population attributable risk in an Iranian population: The Isfahan Cohort Study. *Advanced Biomedical Research* 2014; 3:242.
 - 116) Javanbakht M, Yazdani Bakhsh R, Mashayekhi A, Ghaderi H, **Sadeghi M**. Coronary bypass surgery versus Percutaneous coronary intervention: Cost-effectiveness in Iran: a study in Patients with multivessel coronary Artery disease. *International Journal of Technology Assessment in Health Care* 2014; 30(4):1 - 8.
 - 117) Pourmoghaddas A, Dormiani-Tabatabaei M, **Sadeghi M**, Kermani-Alghoraishi M, Golshahi J, Shokouh P. The effect of pioglitazone on circulating interleukin-10 and tumor necrosis factor alpha levels in a patient with metabolic syndrome: A randomized, double-blind controlled trial. *ARYA Atheroscler* 2015; 11(1): 36-42.
 - 118) Rajati F, **Sadeghi M**, Feizi A, Sharifirad Gh, Hasandokht T, Mostafavi F. Self-efficacy strategies to improve exercise in patients with heart failure: A systematic review. *ARYA Atheroscler*. 2014 Nov; 10(6): 319-333.

- 119) Gharipour M, Sarrafzadegan N, **Sadeghi M**, Khosravi A, Hoseini M, Khosravi-Boroujeni H, et al. The metabolic syndrome and associated lifestyle factors among the Iranian population. *Adv Biomed Res* 2015; 4:84.
- 120) Gharipour M, **Sadeghi M**, Hosseini M, Andalib E, Boroujeni MB, Sarrafzadegan N. Effect of age on the phenotype of metabolic syndrome in developing country. *Adv Biomed Res* 2015; 4:103.
- 121) Gharipour M, Mirmohammad-Sadeghi M, **Sadeghi M**, Farhmand N, Mirmohammad-Sadeghi P. Detrimental predictive effect of metabolic syndrome on postoperative complications in patients who undergoing coronary artery bypass grafting. *Acta Biomed* 2015; 86(1): 86-91.
- 122) Jokar F, Yousefi H, Yousefy AR, **Sadeghi M**. Behavioral Change Challenges in the Context of Center-Based Cardiac Rehabilitation: A Qualitative Study. *Iran Red Crescent Med J*. 2015 June; 17(6): e27504.
- 123) L.Taheri, **Sadeghi M**, H. Sanei, K. Rabiei, 5- S. Arabzadeh, H. Afshar, N. Sarrafzadegan. The Relation between Occupational Exposure to Lead and Blood Pressure among Employed Normotensive Men. *Journal of Research in Medical Sciences*, 2014, 19(6): 490-494.
- 124) Namazi, G; Rad, SJ; Attar, AM; Sarrafzadegan, N; **Sadeghi M**; Naderi, G; Pourfarzam, M. Increased membrane lipid peroxidation and decreased Na⁺/K⁺-ATPase activity in erythrocytes of patients with stable coronary artery disease. *Coronary Artery Disease*, 2015; 26(3): 239-244.
- 125) Roohafza H, Heidari K, Omid R, Alinia T, **Sadeghi M**, Mohammad-Shafiee G, Naji M. Adolescent Perception on School Environment and Smoking Behavior: Analysis of Isfahan Tobacco use Prevention Program. *Int J Prev Med*. 2014; 5(Suppl 2): S139-s145.
- 126) Roohafza, H., **Sadeghi M**. Khani A., Afshar, H., Amirpour, A., Sarrafzadegan, N., Scheidt, C.E. Development and validation of cardiac patient competence questionnaire ARYA Atherosclerosis 2015;11(4):220-227.
- 127) Roohafza, H., Heidari, K., Alinia, T., Omid, R., **Sadeghi M**, Andalib, E., -Ajami, A., Sarrafzadegan, N. Smoking motivators are different among cigarette and waterpipe smokers: The results of ITUPP. *Journal of Epidemiology and Global Health* 2015;5(3): 249-258.
- 128) Mohammadian M, Hosseini Sh, **Sadeghi M**, Sarrafzadegan N, Salehiniya H, Roohafza H, Khazaei S, et al. A Trends of 28 days case fatality rate after first acute myocardial infarction in Isfahan, Iran, from 2000 to 2009. *ARYA Atherosclerosis*. 2015; 11(4): 233-243.
- 129) Garakyaraghi, M.Givi, M. **Sadeghi M**, Pourmoghaddas, A., Alizadeh, N. Serum myeloperoxidase level in patients with chronic heart failure *Iranian Heart Journal* 2015;16(1): 20-25

- 130) Hashemi SM, Mokhtari SM, **Sadeghi M**, Foroozan R, Safari M. Effect of vitamin D therapy on endothelial function in ischemic heart disease female patients with vitamin D deficiency or insufficiency: A primary report. *ARYA Atheroscler* 2015; 11(1):54-9.
- 131) Mohammadian M, Hosseini Sh, Salehiniya H, **Sadeghi M**, Sarrafzadegan N, Roohafza HR, et al. Prognostic factors of 28 days' survival rate in patients with a first acute myocardial infarction based on gender in Isfahan, Iran (2000-2009). *ARYA Atheroscler*. 2015; 11(6): 332–340
- 132) Khosravi-Boroujeni H, Ahmed F, **Sadeghi M**, Roohafza Hreza, Talaei M, Dianatkhah M, Pourmogaddas A and Sarrafzadegan N. Does the impact of metabolic syndrome on cardiovascular events vary by using different definitions? *BMC Public Health* (2015) 15:1313.
- 133) Namazi G, Asa P, Movahedian A, Sarrafzadegan N, **Sadeghi M**, Pourfarzam M. Investigation of membrane fatty acid profiles in erythrocytes of patients with stable coronary artery disease, *Journal of Clinical Lipidology* 2016. doi: 10.1016/j.jacl.2016.03.011
- 134) Sali R, Shavandi H, **Sadeghi M**. A clinical decision support system based on support vector machine and binary particle swarm optimisation for cardiovascular disease diagnosis, *Int. J. Data Mining and Bioinformatics* 2016; 15(4): 312-327.
- 135) **Sadeghi M**, Salehi-Abargouei A, Kasaei Z, Sajjadih-Khajooie H, Heidari R, Roohafza H. Effect of cardiac rehabilitation on metabolic syndrome and its components: A systematic review and meta-analysis. *J Res Med Sci* 2016; 21(1): 18.
- 136) Mehrabani S, Mohammadifard N, Mehrabani S, **Sadeghi M**, Sajjadi F, Maghroun M, et al. The effect of nutrition consultation on dietary diversity score of cardiac patients referred to cardiac rehabilitation research center Isfahan cardiovascular research institute during 2008-2013. *Int J Prev Med* 2016; 7:121.
- 137) **Sadeghi M**, Roohafza H, Pourmoghaddas M, Behnamfar O, Pourmoghaddas Z, Heidari E, et al. How far cardio metabolic and psychological factors affect salt sensitivity in normotensive adult population? *World J Cardiol* 2017 January 26; 9(1): 47-54.
- 138) Yazdani-Bakhsh R, Javanbakht M, **Sadeghi M**, Mashaieki A, Ghaderi H, Rabiei K. Comparison of health-related quality of life after percutaneous coronary intervention and coronary artery bypass surgery. *ARYA Atheroscler* 2016; 12(3)
- 139) Aalami Harandi S, Sarrafzadegan N, **Sadeghi M**, Talaei M, Dianatkhah M, Oveisgharan Sh, et al. Do Cardiometabolic Risk Factors Relative Risks Differ for the Occurrence of Ischemic Heart Disease and Stroke? *Res Cardiovasc Med*. 2016 February; 5(1): e30619.

- 140) Golshahi J, **Sadeghi M**, Saqira M, Zavar R, Sadeghifar M, Roohafza H. Exposure to occupational air pollution and cardiac function in workers of the Esfahan Steel Industry, Iran. *Environ Sci Pollut Res Int*. 2016 Jun; 23(12):11759-65.
- 141) Rajati F, Feizi A, Tavakol K, Mostafavi F, **Sadeghi M**, Sharifirad G. Comparative Evaluation of Health-Related Quality of Life Questionnaires in Patients with Heart Failure Undergoing Cardiac Rehabilitation: A Psychometric Study. *Arch Phys Med Rehabil*. 2016 Nov; 97(11):1953-1962.
- 142) Binaei N, Moeini M, **Sadeghi M**, Najafi M, Mohagheghian Z. Effects of hope promoting interventions based on religious beliefs on quality of life of patients with congestive heart failure and their families. *Iran J Nurs Midwifery Res*. 2016 Jan-Feb; 21(1):77-83.
- 143) Abdolazimi M, Khosravi A, **Sadeghi M**, Mohammadian-Hafshejani A, Sarrafzadegan N, Salehiniya H, Golshahi J. Predictive factors of short-term survival from acute myocardial infarction in early and late patients in Isfahan and Najafabad, Iran. *ARYA Atheroscler*. 2016 Mar;12(2):59-67.
- 144) Nouri F, Sarrafzadegan N, Mohammadifard N, **Sadeghi M**, Mansourian M. Intake of legumes and the risk of cardiovascular disease: frailty modeling of a prospective cohort study in the Iranian middle-aged and older population. *Eur J Clin Nutr*. 2016 Feb;70(2):217-21.
- 145) Gharipour M, **Sadeghi M**, Dianatkah M, Nezafati P, Talaie M, Oveisgharan S, Golshahi G. Comparison between European and Iranian cutoff points of triglyceride/high-density lipoprotein cholesterol concentrations in predicting cardiovascular disease outcomes. *J Clin Lipidol*. 2016 Jan-Feb;10(1):143-9.
- 146) Dadjou Y, Kermani-Alghoraishi M, **Sadeghi M**, Talaei M, Yousefy A, Oveisgharan S, Roohafza H, Rabiei K, Sarrafzadegan N. The impact of health-related quality of life on the incidence of ischaemic heart disease and stroke; a cohort study in an Iranian population. *Acta Cardiol*. 2016; 71(2): 221-226.
- 147) Pourfarzam M, Zadhoush F, **Sadeghi M**. The difference in correlation between insulin resistance index and chronic inflammation in type 2 diabetes with and without metabolic syndrome. *Adv Biomed Res*. 2016 Sep 26; 5:153.
- 148) **Sadeghi M**, Gharipour M, Nezafati P, Shafie D, Aghababaei E, Sarrafzadegan N. Assessing Metabolic Syndrome Through Increased Heart Rate During Exercise. *Acta Med Iran*. 2016 Nov;54(11):724-730.
- 149) Hasanpour Z, Javanmard SH, Gharaaty M, **Sadeghi M**. Association between serum myeloperoxidase levels and coronary artery disease in patients without diabetes, hypertension, obesity, and hyperlipidemia. *Adv Biomed Res* 2016; 5:103.

- 150) Gharipour M, **Sadeghi M**, Nouri F, Nezafati P, Qader SS, Taheri M, et al. Socioeconomic determinants and metabolic syndrome: Results from the Isfahan Healthy Heart Program. *Acta Biomed.* 2016 Jan 16;87(3):291-198.
- 151) Karimi-Alavijeh F, Jalili S, **Sadeghi M**. Predicting metabolic syndrome using decision tree and support vector machine methods. *ARYA Atheroscler.* 2016 May;12(3):146-152.
- 152) Khosravi A, Ahmadzadeh S, Gharipour M, Golshahi J, **Sadeghi M**, Jozan M, Sarrafzadegan N. Is there any relationship between different phenotypes of metabolic syndrome and cardiovascular mortality rate? *Adv Biomed Res.* 2016 Nov 28; 5:185. doi: 10.4103/2277-9175.192727.
- 153) Roohafza H, Kabir A, **Sadeghi M**, Shokouh P, Ahmadzad-Asl M, Khadem-Maboudi AA, Sarrafzadegan N. Stress as a risk factor for noncompliance with treatment regimens in patients with diabetes and hypertension. *ARYA Atheroscler.* 2016 Jul;12(4):166-171.
- 154) Z abdoli, **Sadeghi M**, M ghorbani. Comparison of temperament and character traits in patients with coronary heart disease and normal population. *Research Journal of Medical Sciences* 2016; 10(6): 587-92.
- 155) Roohafza H, Omidi R, Alinia T, Heidari K, Farshad M, Davari H, Abtin Z, Shahriari E, Taslimi M, **Sadeghi M**. Psychological and Familial Factors of Depression in Relation to Adolescent Smoking Behavior. *Adv Biomed Res* 2017; 6:3.
- 156) Gharipour M, **Sadeghi M**, Salehi M, Behmanesh M, Khosravi E, Dianatkah M, Haghjoo Javanmard S, Razavi R, Gharipour A. Association of expression of selenoprotein P in mRNA and protein levels with metabolic syndrome in subjects with cardiovascular disease: Results of the Selenogene study. *J Gene Med.* 2017Mar;19(3). doi: 10.1002/jgm.2945.
- 157) Khosravi-Boroujeni H, Sarrafzadegan N, **Sadeghi M**, Roohafza H, Talaei M, Ng SK, Phung H, Pourmogaddas A, Ahmed F. Secular Trend of Metabolic Syndrome and Its Components in a Cohort of Iranian Adults from 2001 to 2013. *Metab Syndr Relat Disord.* 2017 Apr;15(3):137-144. doi: 10.1089/met.2016.0073. Epub 2017 Jan 30.
- 158) Nayeri H, Naderi G, Asgari S, **Sadeghi M**, Boshtam M, Mohamadzadeh S, et al. LDL fatty acids composition as a risk biomarker of cardiovascular disease. *Artery Research* Volume 20, December 2017, Pages 1-7.
- 159) Hosseini N, Talaei M, Dianatkah M, **Sadeghi M**, Oveisgharan S, Sarrafzadegan N. Determinants of Incident Metabolic Syndrome in a Middle Eastern Population: Isfahan Cohort Study. *Metab Syndr Relat Disord.* 2017 Sep;15(7):354-362.
- 160) Shuja M, Sarrafzadegan N, Roohafza HR, **Sadeghi M**, Ghafari M, Mohammadian M, Mohammadian Hafshejani A. Factors Associated with Cigarette Smoking in Central Parts of Iran. *Asian Pac J Cancer Prev.* 2017 Mar 1;18(3):647-653.

- 161) Mohammadifard N, Talaei M, **Sadeghi M**, Oveisgharan S, Golshahi J, Esmailzadeh A, Sarrafzadegan N. Dietary patterns and mortality from cardiovascular disease: Isfahan Cohort Study. *Eur J Clin Nutr*. 2017 Feb;71(2):252-258. doi: 10.1038/ejcn.2016.170.
- 162) Sarrafzadegan N, Gharipour M, **Sadeghi M**, Nezafati P, Talaie M, Oveisgharan S, Nouri F, Khosravi A. Metabolic Syndrome and the Risk of Ischemic Stroke. *J Stroke Cerebrovasc Dis*. 2017 Feb;26(2):286-294.
- 163) Sarrafzadegan N, Hassannejad R, Marateb HR, Talaei M, **Sadeghi M**, Roohafza HR, Masoudkabar F, OveisGharan S, Mansourian M, Mohebian MR, Mañanas MA. PARS risk charts: A 10-year study of risk assessment for cardiovascular diseases in Eastern Mediterranean Region. *PLoS One*. 2017 Dec 19;12(12): e0189389.
- 164) Khosravi-Boroujeni H, Sarrafzadegan N, **Sadeghi M**, Roohafza H, Ng SK, Pourmogaddas A, Ahmed F. Prevalence and Trends of Vitamin D Deficiency among Iranian Adults: A Longitudinal Study from 2001-2013. *J Nutr Sci Vitaminol(Tokyo)*. 2017;63(5):284-290.
- 165) **Sadeghi M**, Soleimani A, Roohafza H, Yazdekhasti S, Oveisgharan S, Talaei M. Cardiovascular disease events and its predictors in women: Isfahan Cohort Study (ICS). *J Cardiovasc Thorac Res*. 2017;9(3):158-163.
- 166) Mohammadian-Hafshejani A, Sarrafzadegan N, **Sadeghi M**. Some facts about the Metabolic Syndrome in Iran. *ARYA Atheroscler*. 2017 Mar;13(2):95-96.
- 167) Gharipour M, **Sadeghi M**, Behmanesh M, Salehi M, Nezafati P, Gharipour A. Selenium Homeostasis and Clustering of Cardiovascular Risk Factors: A Systematic Review. *Acta Biomed*. 2017 Oct 23;88(3):263-270.
- 168) Mohammadi N, Aghayousefi A, Nikrahan GR, Adams CN, Alipour A, **Sadeghi M**, et al. A randomized trial of an optimism training intervention in patients with heart disease. *General Hospital Psychiatry*. 2018; 51:46-53.
- 169) Roohafza H, **Sadeghi M**, Izadi SH, Khani A, Arab-Ghahestani M, Behnamfar O, et al. Does depression change the levels of inflammatory markers in patients with acute myocardial infarction in the hospitalization period? *Iranian Heart Journal*. 2018; 19(3):20-29.
- 170) Turk-Adawi K, Sarrafzadegan N, Fadhil I, Taubert K, **Sadeghi M**, Wenger NK, Tan NS, Grace SL. Cardiovascular disease in the Eastern Mediterranean region: epidemiology and risk factor burden. *Nature Reviews Cardiology*. 2018 Feb; 15(2):106-119.
- 171) Soleimani A, Pourmoghaddas A, **Sadeghi M**, Roohafza H, Talaei M, Dianatkah M, Oveisgharan S, Soleimani M, Sarrafzadegan N. Risk and Age of Cardiovascular Event in Women with Metabolic Syndrome: Menopause Age in Focus. *Metab Syndr Relat Disord*. 2018 Apr;16(3):127-134.

- 172) Hassannejad R, Kazemi I, **Sadeghi M**, Mohammadifard N, Roohafza H, Sarrafzadegan N, Talaei M, Mansourian M. Longitudinal association of metabolic syndrome and dietary patterns: A 13-year prospective population-based cohort study. *Nutr Metab Cardiovasc Dis.* 2018 Apr;28(4):352-360.
- 173) Kazemisaleh D, Kiani K, **Sadeghi M**, Roohafza H, Dianatkhah M, Sarrafzadegan N. The relationship between serum vitamin D levels and ankle-brachial index in patients with metabolic syndrome. *ARYA Atheroscler* 201 8; 14(1): 11 -6.
- 174) **Sadeghi M**, KhosraviBroujeni H, Salehi-Abarghouei A, Heidari R, Masoumi G, Roohafza H. Effect of cardiac rehabilitation on inflammation: A systematic review and metaanalysis of controlled clinical trials. *ARYA Atheroscler* 201 8; 14(2): 85-94.
- 175) Roghani-Dehkordi F, Hashemifard O, **Sadeghi M**, Mansouri R, Akbarzadeh M, Dehghani A, et al. Distal accesses in the hand (two novel techniques) for percutaneous coronary angiography and intervention. *ARYA Atheroscler.* 2018; 14(2): 95-100.
- 176) Gharipour M, Ouguerram K, Nazih EH, Salehi M, Behmanesh M, Roohafza H, et al. Effects of selenium supplementation on expression of SEPP1 in mRNA and protein levels in subjects with and without metabolic syndrome suffering from coronary artery disease: Selenegene study a double-blind randomized controlled trial. *J Cell Biochem.* 2018; 119(10):8282-8289.
- 177) Roohafza H, Omid R, Alinia T, Heidari K, Mohammad-Shafiee G, Jaberifar M, **Sadeghi M**, Maziak W. Factors associated with smoking contemplation and maintenance among Iranian adolescents. *East Mediterr Health J.* 2018 Oct 10;24(8):714-721.
- 178) **Sadeghi M**, Gheraati M, Soleimani A, Amirpour A, Taheri M, Yazdekhasti S, Valikhani E. Serum interleukin-18 and extent of coronary artery disease in unstable angina. *ARYA Atheroscler.* 2018 May;14(3):122-127.
- 179) Kiani K, Roohafza H, Gharipour M, Dianatkhah M, Talaei M, Oveisgharan S, Sarrafzadegan N, **Sadeghi M**. The association between the serum 25-hydroxyvitamin D level and cardiovascular events in individuals with and without metabolic syndrome. *ARYA Atheroscler.* 2018 Nov;14(6):254-259.
- 180) Pourmoghdas A, Gharipour M, Garakyaraghi M, Nouri F, Taheri M, **Sadeghi M**. Association of socioeconomic status and hypertension based on habitual smoking among Iranian population: IHHP study. *Acta Biomed.* 2018; 89(4): Pages: 498–504.
- 181) Turk-Adawi K, Supervia M, Pesah E, Lopez-Jimenez F, Afaneh J, El-Heneidy A, **Sadeghi M**, et al. Availability and delivery of cardiac rehabilitation in the Eastern Mediterranean Region: How does it compare globally? *International Journal of Cardiology.* 2019; 285: Pages: 147-153.

- 182) Hassannejad R, Mohammadifard N, Kazemi I, Mansourian M, **Sadeghi M**, Roohafza H, Sarrafzadegan N. Long-term nuts intake and metabolic syndrome: A 13-year longitudinal population-based study. *Clinical Nutrition*. 2019; 38(3): Pages: 1246-1252.
- 183) Khosravi-Boroujeni H, Sarrafzadegan N, **Sadeghi M**, Roohafza H, Ng SK, Ahmed F. Determinants of Changes in Metabolic Syndrome Components in a 12-Year Cohort of Iranian Adults. *Metabolic Syndrome and Related Disorders*. 2019; 17(2): Pages: 120-127.
- 184) Talaei M, Hosseini N, van Dam RM, **Sadeghi M**, Oveisgharan S, Dianatkhah M, Sarrafzadegan N. Whole milk consumption and risk of cardiovascular disease and mortality: Isfahan Cohort Study. *European Journal of Nutrition*. 2019; 58(1): Pages: 163-171.
- 185) Mohammadifard N, Haghghatdoost F, Mansourian M, Hassannejhad R, **Sadeghi M**, Roohafza H, Sajjadi F, Maghroun M, Alikhasi H, Sarrafzadegan N. Long-term association of nut consumption and cardiometabolic risk factors. *Nutrition Metabolism and Cardiovascular Diseases*. 2019; 29(9): Pages: 972-982.
- 186) Pesah E, Turk-Adawi K, Supervia M, Lopez-Jimenez F, Britto R, Ding R, Babu A, **Sadeghi M**, Sarrafzadegan N, Cuenza L, Anchique Santos C, Heine M, Derman W, Oh P, Grace SL. Cardiac rehabilitation delivery in low/middle-income countries. *Heart*. 2019; 105(23): Pages: 1806-1812.
- 187) Mansourian M, Babahajiani M, Jafari-Koshki T, Roohafza H, **Sadeghi M**, Sarrafzadegan N. Metabolic Syndrome Components and Long-Term Incidence of Cardiovascular Disease in Eastern Mediterranean Region: A 13-Year Population-Based Cohort Study. *Metabolic Syndrome and Related Disorders*. 2019; 17(7): Pages: 362-366.
- 188) **Sadeghi M**, Alavi M, Mohammadi M, et al. Perceptions of illness as predictive factors for perceived stress in patients participating in a cardiac rehabilitation program. *Nursing & Health Sciences*. 2019; 21(4): Pages: 508-514.
- 189) Roshandel GH, Khoshnia M, Hemming K, Poustchi H, Kamangar F, Gharavi A, et al. Effectiveness of polypill for primary and secondary prevention of cardiovascular diseases (PolyIran): a pragmatic, cluster-randomised trial. *The Lancet*. 2019; 394(10199):672-83.
- 190) Afshari-Safavi A, Hosseini SM, **Sadeghi M**, JafariKoshki T, Talaei M, Roohafza H, et al. Longitudinal Assessment of Utility and Cut Points of Lipid Ratios in Metabolic Syndrome Prediction: The Isfahan Cohort Study. *Journal of Biochemical Technology*. 2019; (2): 56-62
- 191) Gharipour M, **Sadeghi M**, Nezafati P, Dianatkhah M, Sarrafzadegan N. Cardiovascular Disease Risk Assessment: Triglyceride/High-Density Lipoprotein versus Metabolic Syndrome Criteria. *Journal of Research in Health Sciences*. 2019; 19(2). Article Number: UNSP e00442.

- 192) Supervia M, Turk-Adawi K, Lopez-Jimenez F, Pesah E, Ding R, Britto RR, et al. Nature of Cardiac Rehabilitation Around the Globe. 2019; 13: Pages: 46-56.
- 193) Vaseghi G, Arabi S, Haghjooy-Javanmard S, Sabri M, **Sadeghi M**, Khosravi A, et al. CASCADE screening and registry of familial hypercholesterolemia in Iran: Rationale and design. ARYA Atheroscler. 2019; 15(2): Pages: 53-58.
- 194) Gharipour M, **Sadeghi M**, Behmanesh M, Salehi M, Roohafza H, Nezafati P, et al. Proposal of a study protocol of a preliminary double-blind randomized controlled trial. Verifying effects of selenium supplementation on selenoprotein p and s genes expression in protein and mRNA levels in subjects with coronary artery disease: selenegene. Acta bio-medica: Atenei Parmensis. 2019; 90(1): 44–50.
- 195) Turk-Adawi K, Supervia M, Lopez-Jimenez F, Pesah E, Ding R, Britto RR, Bjarnason-Wehrens B, et al. Cardiac Rehabilitation Availability and Density around the Globe. EClinicalMedicine. Jul 3 2019;13: Pages:31-45.
- 196) **Sadeghi M**, Talaei M, Gharipour M, Oveisgharan S, Nezafati P, Dianatkah M, et al. Anthropometric indices predicting incident hypertension in an Iranian population: The Isfahan cohort study. Anatolian journal of cardiology. JUL 2019; 22(1): Pages: 33-43.
- 197) Afshari-Safavi A, Hosseini S. M, Talaei M, Roohafza H, Sarrafzadegan N, **Sadeghi M**. 12-year follow-up study of the C - reactive protein in Iranian middle-aged women: Isfahan cohort study. Advances in Human Biology. 2019; 9(2): Pages: 129-134.
- 198) Mirniam AA, Habibi Z, Khosravi A, **Sadeghi M**, Eghbali-Babadi M. A clinical trial on the effect of a multifaceted intervention on blood pressure control and medication adherence in patients with uncontrolled hypertension. ARYA Atherosclerosis. 2019; 15(6): Pages: 267-274.
- 199) Gharipour M, Ouguerram K, Nazih EH, **Sadeghi M**, Behmanesh M, Razavi R, et al. Effect of single nucleotide polymorphisms in SEPS1 and SEPP1 on expression in the protein level in metabolic syndrome in subjects with cardiovascular disease. Molecular Biology Reports. 2019; 46(6): Pages: 5685-5693.
- 200) Tavakoli F, Kazemi-Zahrani H, **Sadeghi M**. The effectiveness of dialectical behavior therapy on adherence to treatment and self-caring behavior in patients with coronary heart disease. ARYA Atherosclerosis. 2019; 15(6): 281-287.
- 201) Sarrafzadegan N, Hassannejad R, Roohafza H, **Sadeghi M**, Talaei M, Oveisgharan SH, Mansourian M. A 10-year Isfahan cohort on cardiovascular disease as a master plan for a multi-generation non-communicable disease longitudinal study: methodology and challenges. Journal of Human Hypertension. 2019; 33(11): 807-816.

- 202) **Sadeghi M**, Heshmat-Ghandarijani K, Sarrafzadegan N, Talaei M, Dianatkhah M, Vakhshoori M, Roohafza H. Trends of Major Cardiovascular Risk Factors in Iranian Population During Years 2001-2013: The Isfahan Cohort Study. *Iranian Red Crescent Medical Journal*. 2019; 21(6): Article Number: e90439.
- 203) Roohafza H, Feizi A, Tirani SA, **Sadeghi M**, Sarrafzadegan N. Dietary patterns in relation to major cardiovascular diseases risk factors Hypertension and hyperlipidemia results from the ESCOME study. *Nutrition & Food Science*. 2020; 50 (5): 921-935.
- 204) Heshmat-Ghadarijani K, Mashayekhlasl N, Amerizadeh A, Teimouri Jervekani z, **Sadeghi M**. Effect of fenugreek consumption on serum lipid profile: A systematic review and meta-analysis. *Phytotherapy Research*. 2020; 34(9): 2230-2245.
- 205) **Sadeghi M**, Izadi A, Hadavi MM, Fard MR, Roohafza H. Comparison of the effect of 12- and 24-session cardiac rehabilitation on physical, psychosocial and biomedical factors in ischemic heart disease patients. *Hormone Molecular Biology and Clinical Investigation*. 2020; 41(1): Article Number: 20190023.
- 206) **Sadeghi M**, Golshahi J, Talaei M, Sheikhabahaei E, Ghodjani E, Mansouri M, et al. 15-Year lipid profile effects on cardiovascular events adjusted for cardiovascular risk factors: a cohort study from Middle-East. *Acta Cardiologica*. 2021;76(2):194-9.
- 207) Roghani-Dehkordi F, Hosseinzadeh H, Kermani-Alghoraishi M, Khosravi A, Vakhshoori M, **Sadeghi M**, et al. The transulnar approach in the patients with ipsilateral radial artery occlusion. *ARYA Atherosclerosis*. 2020; 16(1):33-38.
- 208) Shirvani E, **Sadeghi M**, Hosseini SM, Khosravi A, Rabiei K, Rahimi M, et al. Fine Particle Air Pollution (PM 2.5) and Cardiovascular Hospitalization in Isfahan in 2012: CAPACITY Study. *Iranian Heart Journal*. 2020; 21(1):75-81.
- 209) Koosha P, Roohafza H, Sarrafzadegan N, Vakhshoori M, Talaei M, Sheikhabahaei E, et al. High Sensitivity C - reactive protein Predictive Value for Cardiovascular Disease: A Nested Case Control from Isfahan Cohort Study (ICS). *Global heart*. 2020; 15(1): 1-13.
- 210) Gharipour M, Behmanesh M, Salehi M, Vaseghi G, Nezafati P, Dianatkhah M, et al. Association of Selenoprotein S Expression and its Variants with Metabolic Syndrome in Subjects with Cardiovascular Disease. *Archives of Medical Research*. 2020;51(6):535-41.
- 211) Lozano R, Fullman N, Mumford JE, Knight M, Barthelemy CM, Abbafati C, et al. GBD 2019 Universal Health Coverage Collaborators. Measuring universal health coverage based on an index of effective coverage of health services in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet*. 2020; 396(10258): 1250-1284. doi:10.1016/S0140-6736(20)30750-9

- 212) Ghahramani R, Kermani-Alghoraishi M, Roohafza HR, Bahrani S, Talaei M, Dianatkhah M, et al. The association between occupational categories and incidence of cardiovascular events: A cohort study in Iranian male population. *International Journal of Occupational and Environmental Medicine*. 2020;11(4):179-87.
- 213) Kinyoki DK, Ross JM, Lazzar-Atwood A, Munro SB, Schaeffer LE, Abbasalizad-Farhangi M, et al. Mapping local patterns of childhood overweight and wasting in low- and middle-income countries between 2000 and 2017. *Nature Medicine*, 2020: 26 (5): 750-759. 10.1038/s41591-020-0807-6). *Nature Medicine*. 2020;26(8):1308.
- 214) Soleimani M, Soleimani A, Roohafza H, Taheri M, Yadegarfar G, Azarm M, et al. The comparison of procedural and clinical outcomes of thrombolytic-facilitated percutaneous coronary intervention and primary percutaneous coronary intervention in patients with acute st-elevation myocardial infarction (Stemi): Semi-cohort in Isfahan (semi-ci) study, iran. *ARYA Atherosclerosis*. 2020;16(3):1-7.
- 215) **Sadeghi M**, Khosrawi S, Heshmat-Ghahdarijani K, Gheisari Y, Roohafza H, Mansoorian M, et al. Effect of melatonin on heart failure: design for a double-blinded randomized clinical trial. *ESC Heart Failure*. 2020;7(5):3142-50.
- 216) Abbafati C, Machado DB, Cislighi B, Salman OM, Karanikolos M, McKee M, et al. Five insights from the Global Burden of Disease Study 2019. *The Lancet*. 2020;396(10258):1135-59.
- 217) Abbafati C, Machado DB, Cislighi B, Salman OM, Karanikolos M, McKee M, et al. Global age-sex-specific fertility, mortality, healthy life expectancy (HALE), and population estimates in 204 countries and territories, 1950–2019: a comprehensive demographic analysis for the Global Burden of Disease Study 2019. *The Lancet*. 2020;396(10258):1160-203.
- 218) Abbafati C, Machado DB, Cislighi B, Salman OM, Karanikolos M, McKee M, et al. Global burden of 87 risk factors in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019. *The Lancet*. 2020;396(10258):1223-49.
- 219) Abbafati C, Machado DB, Cislighi B, Salman OM, Karanikolos M, McKee M, et al. Global burden of 369 diseases and injuries in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019. *The Lancet*. 2020;396(10258):1204-22.
- 220) Parsaei R, Roohafza H, Feizi A, **Sadeghi M**, Sarrafzadegan N. How different stressors affect quality of life: An application of multilevel latent class analysis on a large sample of industrial employees. *Risk Management and Healthcare Policy*. 2020; 13:1261-70.
- 221) Mohammadi N, Aghayousefi A, Nikrahan GR, King F, Alipour A, **Sadeghi M**, et al. The Impact of an Optimism Training Intervention on Biological Measures Associated with

- Cardiovascular Health: Data from a Randomized Controlled Trial. *Psychosomatic Medicine*. 2020;82(7):634-40.
- 222) Ghahramani R, Aghilinejad M, Kermani-Alghoraishi M, Roohafza HR, Talaei M, Sarrafzadegan N, et al. Occupational categories and cardiovascular diseases incidences: A cohort study in Iranian population. *Journal of Preventive Medicine and Hygiene*. 2020; 61(2): E290-E5.
- 223) Nouri F, Feizi A, Taheri M, Mohammadifard N, Khodarahmi S, **Sadeghi M**, et al. Temporal trends of the incidence of ischemic heart disease in Iran over 15 years: A comprehensive report from a multi-centric hospital-based registry. *Clinical Epidemiology*. 2020; 12:847-56.
- 224) Roghani-Dehkordi F, Riazi A, Shafie D, Khosravi A, **Sadeghi M**, Vakhshoori M, et al. Trans-snuff box approach as a new access site for coronary angiography and angioplasty versus trans-radial approach in terms of feasibility, safety, and complications. *ARYA Atherosclerosis*. 2020;16(6):1-6.
- 225) Turk-Adawi K, Supervia M, Lopez-Jimenez F, Adawi A, **Sadeghi M**, Grace SL. Women-Only Cardiac Rehabilitation Delivery Around the World. *Heart Lung and Circulation*. 2021;30(1):135-43.
- 226) Amirpour A, Vakhshoori M, Zavar R, Zarei R, **Sadeghi M**, et al. The Effect of 3-Month Growth Hormone Administration and 12- Month Follow-Up Duration among Heart Failure Patients Four Weeks after Myocardial Infarction: A Randomized DoubleBlinded Clinical Trial. *Cardiovascular Therapeutics* Volume 2021, Article ID 2680107, 9 pages.
- 227) Hassannejad R, Moosavian SP, Mohammadifard N, Mansourian M, Roohafza H, **Sadeghi M**, et al. Long term association of red meat consumption and lipid profile: A 13-year prospective population-based cohort study. *Nutrition*, 2021, In Press
- 228) Nouri F, **Sadeghi M**, Mohammadifard N, Roohafza H, Feizi A, Sarrafzadegan N. Longitudinal association between an overall diet quality index and latent profiles of cardiovascular risk factors: results from a population based 13-year follow up cohort study. *Nutr Metab (Lond)*. 2021 Mar 10;18(1):28.
- 229) **Sadeghi M**, Behdad S, Shahsanaei F. Infective Endocarditis and Its Short and Long-Term Prognosis in Hemodialysis Patients: A Systematic Review and Meta-analysis. *Curr Probl Cardiol*. 2021 Mar;46(3):100680.
- 230) **Sadeghi M**, Shabib G, Masoumi G, Amerizadeh A, Shahabi J, Heidari R, Roohafza H. A Systematic Review and Meta-analysis on the Prevalence of Smoking Cessation in Cardiovascular Patients After Participating in Cardiac Rehabilitation. *Curr Probl Cardiol*. 2021 Mar;46(3):100719.

- 231) Mohammadifard N, Ghaderian N, Hassannejad R, Sajjadi F, **Sadeghi M**, Roohafza H, Salas-Salvadó J, Sarrafzadegan N. Longitudinal Association of Nut Consumption and the Risk of Cardiovascular Events: A Prospective Cohort Study in the Eastern Mediterranean Region. *Front Nutr*. 2021 Jan 21;7: 610467. doi: 10.3389/fnut.2020.610467.
- 232) Tadayon Hr, **Sadeghi M**, Keyvanara M, Saghaeiannejad S, Sadeghi M. National registry of Myocardial Infarction: Strategies for a developing country. *Informatics in Medicine Unlocked*. 2021;23: 100527.
- 233) **Sadeghi M**, Simani M, Mohammadifard N, Talaei M, Roohafza H, Hassannejad R, Sarrafzadegan N. Longitudinal association of dietary fat intake with cardiovascular events in a prospective cohort study in Eastern Mediterranean region. *Int J Food Sci Nutr*. 2021:1-10. doi: 10.1080/09637486.2021.1895725.
- 234) **Sadeghi M**, Rahiminam H, Amerizadeh A, Masoumi G, Heidari R, Shahabi J, Mansouri M, Roohafza H. Prevalence of Return to Work in Cardiovascular Patients After Cardiac Rehabilitation: A Systematic Review and Meta-analysis. *Curr Probl Cardiol*. 2022; 47(7),100876.
- 235) **Sadeghi M**, Hoseini SG, Nateghi A, Sarrafzadegan N, Mansoorian M, Najafian J, Roohafza H. Fixed Dose Combination Therapy for Secondary Prevention of Major Cardiovascular Events: Review of Literature and Design for Persian Polypill, A Randomized Clinical Trial. *Curr Probl Cardiol*. 2022; 47 (6) .doi: 10.1016/j.cpcardiol.2021.100872.
- 236) Hoseini SG, Heshmat-Ghahdarjani K, Khosrawi S, Garakyaraghi M, Shafie D, Roohafza H, Mansourian M, Azizi E, Gheisari Y, **Sadeghi M**. Effect of melatonin supplementation on endothelial function in heart failure with reduced ejection fraction: A randomized, double-blinded clinical trial. *Clin Cardiol*. 2021 Jun 28. doi: 10.1002/clc.23682.
- 237) Roohafza H, Bagherieh S, Feizi A, Khani A, Yavari N, Saneian P, Teimouri Z, **Sadeghi M**. How is type D personality associated with the major psychological outcomes in noncardiac chest pain patients? *Personality and Mental Health*. 2022; 1–9. <https://doi.org/10.1002/pmh.1527>.
- 238) **Sadeghi M**, Kiyani Heshmat-Ghahdarjani K, Talaei M, Safaei A, Sarrafzadegan N, Roohafza Hr. The predictive value of atherogenic index of plasma in the prediction of cardiovascular events; a fifteen-year cohort study. *Advances in Medical Sciences*. 2021; 66(2): 418-423.
- 239) Zeymer U, Ludman P, Danchin N, Kala P, Laroche C, **Sadeghi M**, et al. ACVC EAPCI EORP ACS STEMI investigators group of the ESC. Reperfusion therapies and in-hospital outcomes for ST-elevation myocardial infarction in Europe: the ACVC-EAPCI EORP STEMI

- Registry of the European Society of Cardiology. *Eur Heart J*. 2021 Aug 14: ehab342. doi: 10.1093/eurheartj/ehab342.
- 240) Soltani S, Saraf-Bank S, Basirat R, Salehi-Abargouei A, Mohammadifard N, **Sadeghi M**. Community-based cardiovascular disease prevention programmes and cardiovascular risk factors: a systematic review and metaanalysis. *Public Health*. 2021; 200:59-70.
- 241) Kohan S, Nekuei N, **Sadeghi M**, Movahedi M. A reproductive and sexual health promotion program for women with heart diseases: A protocol for mixed methods study. *Journal of Education and Health Promotion*. 2021;10.
- 242) Shemirani H, **Sadeghi M**, Dehkordi AD, Gheshlaghi F. Is high sensitive-troponin I a reliable biomarker for cardiac injury in methadone toxicity? A prospective cross-sectional study. *BMC Pharmacol Toxicol*. 2022 Mar 23;23(1):17. doi: 10.1186/s40360-022-00558-6. PMID: 35321748; PMCID: PMC8940979.
- 243) Hoseini SG, Heshmat-Ghahdarijani K, Khosrawi S, Garakyaraghi M, Shafie D, Mansourian M, Roohafza H, Azizi E, **Sadeghi M**. Melatonin supplementation improves N-terminal pro-B-type natriuretic peptide levels and quality of life in patients with heart failure with reduced ejection fraction: Results from MeHR trial, a randomized clinical trial. *Clin Cardiol*. 2022 Feb 16. doi: 10.1002/clc.23796. Epub ahead of print. PMID: 35170783.
- 244) Okati-Aliabad H, Ansari-Moghaddam A, Roohafza H, Mohammadi M, Vakili L, Abbasi MH, Heidari H, Masoudy G, Yazdekhesti S, **Sadeghi M**. The Effects of Comprehensive Home-Based Cardiac Rehabilitation versus Usual Care in Patients with Ischemic Heart Disease in Iran: Study Protocol for a Multicenter Randomized Controlled Trial. *Int J Prev Med*. 2022 Jan 19;13:4. doi: 10.4103/ijpvm.IJPVM_492_20. PMID: 35281981; PMCID: PMC8883675.
- 245) Chowdhury MI, Turk-Adawi K, Babu AS, de Melo Ghisi GL, Seron P, Yeo TJ, Uddin J, Heine M, Saldivia MG, Kouidi E, **Sadeghi M**, Aljehani R, Grace SL. Development of the International Cardiac Rehabilitation Registry Including Variable Selection and Definition Process. *Glob Heart*. 2022 Jan 11;17(1):1. doi: 10.5334/gh.1091. PMID: 35174042; PMCID: PMC8757385.
- 246) Nouri F, Feizi A., Roohafza H, **Sadeghi M**, Sarrafzadegan N. How different domains of quality of life are associated with latent dimensions of mental health measured by GHQ-12. *Health and Quality of Life Outcomes* 2021;19(1):255
- 247) Hajhashemi P, Hassannejad R, Haghghatdoost F, Mohammadifard N, **Sadeghi M**, Roohafza H, Sajjadi F, Sarrafzadegan N. The long-term association of different dietary protein sources with metabolic syndrome. *Sci Rep*. 2021 Sep 29;11(1):19394. doi: 10.1038/s41598-021-98688-0. PMID: 34588516; PMCID: PMC8481327.

- 248) Roohafza H, Yavari N, Feizi A, Khani A, Saneian P, Bagherieh S, Sattar F, **Sadeghi M**. Determinants of depression in non-cardiac chest pain patients: a cross sectional study. *Korean J Pain*. 2021 Oct 1;34(4):417-426. doi: 10.3344/kjp.2021.34.4.417. PMID: 34593659; PMCID: PMC8494964.
- 249) Hovsepian V, Marandi SM, Esfarjani F, Zavar R, **Sadeghi M**. The Effect of All Extremity High Intensity Interval Training on Athero-Protective Factors and Endothelial Function in Overweight and Obese Women. *Int J Prev Med*. 2021 Oct 26;12:141. doi: 10.4103/ijpvm.IJPVM_248_19. PMID: 34912517; PMCID: PMC8631139.
- 250) GBD 2019 Stroke Collaborators. Global, regional, and national burden of stroke and its risk factors, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet Neurol*. 2021 Oct;20(10):795-820. doi: 10.1016/S1474-4422(21)00252-0. Epub 2021 Sep 3. PMID: 34487721; PMCID: PMC8443449.
- 251) Roth GA, Mensah GA, Johnson CO, Addolorato G, Ammirati E, Baddour LM, GBD-NHLBI-JACC Global Burden of Cardiovascular Diseases Writing Group. Global Burden of Cardiovascular Diseases and Risk Factors, 1990-2019: Update From the GBD 2019 Study. *J Am Coll Cardiol*. 2020 Dec 22;76(25):2982-3021. doi: 10.1016/j.jacc.2020.11.010. Erratum in: *J Am Coll Cardiol*. 2021 Apr 20;77(15):1958-1959. PMID: 33309175; PMCID: PMC7755038.
- 252) Roohafza H, Sattari N, Nouri F, Talaei M, Masoumi G, Sarrafzadegan N, **Sadeghi M**. Do any kinds of perceived stressors lead to hypertension? A longitudinal cohort study. *Hypertens Res*. 2022 Apr 4. doi: 10.1038/s41440-022-00895-3. Epub ahead of print. PMID: 35379915.
- 253) Roohafza H, Noohi F, Hosseini SG, Alemzadeh-Ansari M, Bagherieh S, Marateb H, Mansourian M, Mousavi AF, Seyedhosseini M, Farshidi H, Ahmadi N, Yazdani A, **Sadeghi M**. A Cardiovascular Risk Assessment Model According to Behavioral, Psychosocial and Traditional Factors in Patients With ST-Segment Elevation Myocardial Infarction (CRAS-MI): Review of Literature and Methodology of a Multi-Center Cohort Study. *Curr Probl Cardiol*. 2022 Feb 19:101158. doi: 10.1016/j.cpcardiol.2022.101158. Epub ahead of print. PMID: 35192872.
- 254) Mohammadifard N, Taheri M, Haghighatdoost F, Grau N, Najafian J, **Sadeghi M**, Talaei M, Sarrafzadegan N. Egg consumption and risk of cardiovascular events among Iranians: results from Isfahan Cohort Study (ICS). *Eur J Clin Nutr*. 2022 Mar 28. doi: 10.1038/s41430-022-01118-1. Epub ahead of print. PMID: 35347253.
- 255) **Sadeghi M**, Kabiri S, Amerizadeh A, Heshmat-Ghahdarjani K, Masoumi G, Teimouri-Jervekani Z, Amirpour A. *Anethum graveolens* L. (Dill) Effect on Human Lipid Profile: An

- Updated Systematic Review. *Curr Probl Cardiol.* 2022 Nov 26:101072. doi: 10.1016/j.cpcardiol.2021.101072. Epub ahead of print. PMID: 34838903.
- 256) **Sadeghi M**, Heshmat-Ghahdarjani, K., Talaei, M., Safaei A, DANesh M, Roohafza, H., Sarrafzadegan, N. The Prevalence of Atrial Fibrillation in the Iranian Population in a 15-Year Cohort Study. *Iranian Heart Journal.*2022; 23(2), Pages 53 – 60.
- 257) Nabovati E, Farzandipour M, **Sadeghi M**, Sarrafzadegan N, Noohi F, Sadeqi Jabali M. A Global Overview of Acute Coronary Syndrome Registries: A Systematic Review. *Curr Probl Cardiol.* 2021 Nov 13:101049. doi: 10.1016/j.cpcardiol.2021.101049. Epub ahead of print. PMID: 34780868.
- 258) Grau N, Mohammadifard N, Hassannejhad R, Haghghatdoost F, **Sadeghi M**, Talaei M, Sajjadi F, Mavrommatis Y, Sarrafzadegan N. Red and processed meat consumption and risk of incident cardiovascular disease and mortality: Isfahan cohort study. *Int J Food Sci Nutr.* 2022 Oct 28:1-10. doi: 10.1080/09637486.2021.1993797. Epub ahead of print. PMID: 34708679.
- 259) Bahrani S, Teimouri-Jervekani Z, **Sadeghi M**. Thrombotic Events and Anticoagulants in Beta-thalassemia Patients with Focus on Anticoagulants for Atrial Fibrillation: A Brief Review. *Curr Probl Cardiol.* 2022; 47(9),100912.
- 260) Amirpoor A, Zavar R, Amerizadeh A, Asgary S, Moradi S, Farzaei MH, Masoumi G, **Sadeghi M**. Effect of Beetroot Consumption on Serum Lipid Profile: A Systematic Review and Meta-Analysis. *Curr Probl Cardiol.* 2022; 47(7),100887.
- 261) GBD 2019 Iran Collaborators. Health system performance in Iran: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet.* 2022 Apr 23;399(10335):1625-1645. doi: 10.1016/S0140-6736(21)02751-3. Epub 2022 Apr 6. PMID: 35397236.
- 262) GBD 2019 Ageing Collaborators. Global, regional, and national burden of diseases and injuries for adults 70 years and older: systematic analysis for the Global Burden of Disease 2019 Study. *BMJ.* 2022 Mar 10;376:e068208. doi: 10.1136/bmj-2021-068208. PMID: 35273014.
- 263) **Sadeghi M**, Soleimani A, Sarrafzadegan N, Askari M, Nouri F, Masoumi G, et al. Background and design of a 5-year ST Elevation Myocardial Infarction Cohort in Isfahan, Iran: SEMI-CI study. *ARYA Atheroscler* 2022; 17: 2375.
- 264) Zarepur E, Mohammadifard N, Mansourian M, Roohafza H, **Sadeghi M**, Khosravi A, et al. Rationale, design, and preliminary results of the Iran-premature coronary artery disease study (I-PAD): A multicenter case-control study of different Iranian ethnicities. *ARYA Atheroscler* 2020; 16(6): 295-300.
- 265) Nouri F, Haghghatdoost F, Mohammadifard N, Mansourian M, **Sadeghi M**, Roohafza H, et al. The longitudinal association between soybean and non-soybean legumes intakes

- and risk of cardiovascular disease: Isfahan cohort study. *BRITISH FOOD JOURNAL* 2021;123(8): 2864-2879. DOI 10.1108/BFJ-08-2020-0699
- 266) GBD 2019 Healthcare Access and Quality Collaborators. Assessing performance of the Healthcare Access and Quality Index, overall and by select age groups, for 204 countries and territories, 1990-2019: a systematic analysis from the Global Burden of Disease Study 2019. *Lancet Glob Health*. 2022 Dec;10(12):e1715-e1743. doi: 10.1016/S2214-109X(22)00429-6. Epub 2022 Oct 6. PMID: 36209761; PMCID: PMC9666426.
- 267) Esfahanian F, Mirmohammadsadeghi A, Gholami H, Neshat S, Mansouri M, **Sadeghi M**, Bathaie SR, Heidari Z, Mirmohammadsadeghi M. Using Music for the Prevention of Delirium in Patients After Coronary Artery Bypass Graft Surgery: A Randomized Clinical Trial. *J Cardiothorac Vasc Anesth*. 2022 Dec;36(12):4341-4346. doi: 10.1053/j.jvca.2022.09.007. Epub 2022 Sep 9. PMID: 36241502.
- 268) Sadeqi Jabali M, Farzandipour M, Nabovati E, Sarrafzadegan N, **Sadeghi M**. Determination of Characteristics and Data Elements Requirements in National Acute Coronary Syndrome Registries for Postdischarge Follow-up. *Curr Probl Cardiol*. 2022 May 8:101244. doi: 10.1016/j.cpcardiol.2022.101244. Epub ahead of print. PMID: 35545177.
- 269) Sadlonova M, Kermani MB, Huffman JC, Nikrahan GR, **Sadeghi M**, Celano CM. Feasibility, Acceptability, and Preliminary Efficacy of a Positive Psychology Intervention in Patients With Coronary Heart Disease: A Randomized Controlled Trial. *J Acad Consult Liaison Psychiatry*. 2022 Mar 24:S2667-2960(22)00027-1. doi: 10.1016/j.jaclp.2022.03.004. Epub ahead of print. PMID: 35342036.
- 270) Karimian B, Soleimani A, Mohammadsharifi G, Heshmat-Ghahdarijani K, Rejali L, Shafie D, Amerizadeh A, **Sadeghi M**. Effect of Lycopene Supplementation on Some Cardiovascular Risk Factors and Markers of Endothelial Function in Iranian Patients with Ischemic Heart Failure: A Randomized Clinical Trial. *Cardiol Res Pract*. 2022 Oct 28;2022:2610145. doi: 10.1155/2022/2610145. PMID: 36337273; PMCID: PMC9635958.
- 271) Roohafza H, Saneian P, Feizi A, Khani A, Yavari N, Bagherieh S, Shafiei M, Masoumi G, **Sadeghi M**. What Predict Self-rated Health: A Cross-sectional Study Among Men and Women with Non-cardiac Chest Pain. *J Clin Psychol Med Settings*.. In press
- 272) Nafari A, Mohammadifard N, Haghghatdoost F, Nasirian S, Najafian J, **Sadeghi M**, Roohafza H, Sarrafzadegan N. High-sensitivity C-reactive protein and low-density lipoprotein cholesterol association with incident of cardiovascular events: Isfahan cohort study. *BMC Cardiovasc Disord*. 2022 May 25;22(1):241. doi: 10.1186/s12872-022-02663-0. PMID: 35614388; PMCID: PMC9131566.
- 273) Zeymer U, Ludman P, Danchin N, Kala P, Laroche C, Gale CP, Maggioni AP, Siabani S, **Sadeghi M**, Wafa A, Bartus S, Weidinger F. Reperfusion therapy for ST-elevation myocardial infarction complicated by cardiogenic shock: the European Society of Cardiology EurObservational programme acute cardiovascular care-European association of PCI ST-elevation myocardial infarction registry. *Eur Heart J Acute Cardiovasc Care*. 2022 Jun 22;11(6):481-490. doi: 10.1093/ehjacc/zuac049. PMID: 35593654.

- 274) Kohan S, Movahedi M, **Sadeghi M**, Nekuei N. Identifying and Responding to the Sexual Reproductive Health Needs of Women with Heart Disease: A Qualitative Study. *Iran J Nurs Midwifery Res.* 2022 May 23;27(3):221-228. doi: 10.4103/ijnmr.ijnmr_230_21. PMID: 36237959; PMCID: PMC9552580.
- 275) Ghoshouni H, Bagherieh S, Parvizinia M, Askari M, **Sadeghi M**, Mirmosayyeb O. Unraveling the Mystery of COVID-19 Postvaccination Myocarditis: A Systematic Review of Current Cases. *Int J Clin Pract.* 2022 Jan 31;2022:2438913. doi: 10.1155/2022/2438913. PMID: 35685560; PMCID: PMC9159134.
- 276) Jamalian M, AnsariMoghaddam A, Roohafza H, Mohammadi M, Vakili L, Abbasi MH, et al. The effect of home-based cardiac rehabilitation on depression score in patients with ischemic heart disease: A longitudinal clinical trial study. *ARYA Atheroscler* 2022; 18: 2407.
- 277) Rafiee Alhossaini M , Kazemnejad A , **Sadeghi M** , Sarrafzadegan N. An application of latent transition analysis in defining socioeconomic and obesity status in adults living in three counties in the central region of Iran. *Int J Clin Exp Med* 2022;15(1):32-36 www.ijcem.com /ISSN:1940-5901/IJCEM0133110.
- 278) Jazi SMH, Radmanesh A, **Sadeghi M**, Mansouri A. Assessment of Metabolic Risk Factors and Heart-Healthy Lifestyle in Atherosclerotic Coronary Artery Disease Patients Undergoing Percutaneous Coronary Intervention after a 6-Month Follow-Up. *Adv Biomed Res.* 2022 Feb 28;11:15. doi: 10.4103/abr.abr_206_20. PMID: 35386533; PMCID: PMC8977608.
- 279) Khosravi A, **Sadeghi M**, Farsani ES, Danesh M, Heshmat-Ghahdarijani K, Roohafza H, Safaei A. Atherogenic index of plasma: A valuable novel index to distinguish patients with unstable atherogenic plaques. *J Res Med Sci.* 2022 Jun 30;27:45. doi: 10.4103/jrms.jrms_590_21. PMID: 35968214; PMCID: PMC9374144.
- 280) Roohafza H, Askari M, Nouri F, Talaei M, Sarrafzadegan N, **Sadeghi M**. Do coping strategies really affect cardiovascular events? The Isfahan cohort study of adults in Eastern Mediterranean Regional Office. *Eur J Cardiovasc Nurs.* 2022 Jun 30;21(5):483-490. doi: 10.1093/eurjcn/zvab110. PMID: 34849720.
- 281) Sarrafzadegan N, Bagherikholejani F, Noohi F, Alikhasi H, Mohammadifard N, Ghaffari S, et al. Priority setting in cardiovascular research in Iran using standard indigenous methods. *J Res Med Sci* 2022; 27:91.
- 282) Jamalian M, Roohafza H, Soleimani A, Massoumi G, Mirmohammadsadeghi A, Dorostkar N, et al. Predictors of mortality for patients with ST-elevation myocardial infarction after 2-year follow-up: A ST-elevation myocardial infarction cohort in Isfahan study. *Advanced Biomedical Research.* 2022; 11(1):116.
- 283) Mohammadifard N, Maghroun M, Taheri M, Mansourian M, Najafi F, Farshidi H, et al. Rationale, Design, and Initial Findings of Community Trial on Improving the Iranian's Knowledge and Practice of Dyslipidemia Management, Prevention, and Control. *ARYA Atherosclerosis.*2022;18:1-12.

- 284) Roohafza H, Feizi A, Gharipour M, Khani A, Dianatkhah M, Sarrafzadegan N, et al. Development and validation of a socioeconomic status short-form questionnaire (SES-SQ). ARYA Atherosclerosis.2022; 17(1),2355.



Supervised Thesis

1. Assesment of cost - effectiveness of the several strategies of early diagnosis in patients with acute chest pain and nonconclusive E.C.G. Behradmanesh S.1999.
2. Relationship between Anti helicobacter Ab, Anti clamylidia Ab, Anti CMV Ab, CRP, fibrinogen, Lipid proxidation and cardiovascular events in patients with acute myocardial Infarction, unstable angina, stable angina and control group.2001.
3. **Sadeghi M.** Accuracy of Rose questionnaire for prediction of coronary involmment. 2002.
4. The association of breast artery calcification with coronary artery disease and carotid intima media thickness in Iranian pre-menopausal women. Ashrafi F.2002.
5. **Sadeghi M,** Tavasoli AA, Asgary S. Relation between antiphospholipid antibody and Intima-Media thickness in young patients with myocardial infarction in comparison with healthy subject. Isfahan University of Medical Science University. 2003.
6. **Sadeghi M.** Poormoghadas M. Predictive value of ST change in AVR lead in detection of which coronary artery in inferior myocardial infarction.2003.
7. **Sadeghi M.** The Effect of surgical Lipectomy on biochemical and echocardiographic parameters and cardiovascular risk factors in obese Women. Khayamnekoei A.2003.
8. **Sadeghi M.** Age related serum Insulin levels in patients with acute coronary and non coronary events. Dehini Gh.2003.
9. **Sadeghi M,** Amini M. Lipid disturbance in macro and micro vascular complication of insulin dependent diabetes mellitus. Isfahan medical science university. 2003.
10. Kelishadi R, **Sadeghi M.** Comparison of depression in obese adolescent of 10-18 year with control groups. Isfahan medical science university. 2003.
11. **Sadeghi M,** Nasr A. Relation between C - reactive protein and number and severity of coronary artery disease. Isfahan medical science university. 2003.
12. **Sadeghi M,** Naderi GH, Nasr A. Relation between testostoron level and coronary involvement in post menopausal women. Isfahan medical science university. 2003.
13. **Sadeghi M,** Relation of C-Reactive protein levels to presence, Extent and severity of atherosclerosis in patients with stable Angina Via Coronary Angiography. Kalantarei E.2003.
14. **Sadeghi M.** Effect of Spironolactone on heart rate variability in diabetic patients. Hatampour N.2004.

15. **Sadeghi M.** The evaluation of relation between serum level of antistreptokinase and complications of myocardial infarction. Haghani P.2004.
16. **Sadeghi M.** Relation of quantitative C-reactive protein to complex coronary artery plaques in patients with unstable angina. Aliforozanmehr P.2004.
17. **Sadeghi M,** Poormoghadas M. Comparison of parameters of blood pressure control in different kind of kaptopril by 24h Holter monitoring. Isfahan medical science university. 2004.
18. **Sadeghi M,** Naderi GH, Heidari R. Evaluation between serum insulin and resistance to it in patient admitted to emergency unit for cardiac and non cardiac events. Isfahan medical science university. 2004.
19. Sarraf zadegan N, **Sadeghi M.** Two years' incidence of vascular event in above 35 years old of population in Isfahan, Arak and Najafabad. Isfahan medical science university. 2004.
20. **Sadeghi M.** Evaluation the relationship of physical fitness versus obesity indicators with coronary artery disease in women with stable angina. Mirzadeh MH.2005.
21. **Sadeghi M.** Evaluation the relation between coronary artery disease and Ankle-brachial index in patient with stable angina. Ghobasepah AA.2005.
22. Comparative study of mean serum lipoproteins and apolipoproteins in schizophrenic patients treated with atypical and traditional antipsychotics. Kazemnia Kh.2005.
23. **Sadeghi M.** Early and late effect of high and low dose atorvastatin on serum C - reactive protein reduction in non ST elevation acute coronary syndrome. Saeidifar M & Razavi N.2005.
24. **Sadeghi M.** Relation between microalbuminuria and severity of CAD according to angiography. Ghashghaei Sadi E (MD).2005.
25. **Sadeghi M.** Association between plasma lipids, and apolipoproteins and coronary atherosclerosis severity. Amid S (MD). 2005.
26. **Sadeghi M,** Sanei H, Garakyaraghi M. Relation between metabolic syndrome and extent involvement according to coronary angiogram of patient with stable angina. Isfahan medical science university. 2005.
27. **Sadeghi M,** Emami A. Relation between major coronary artery risk factors and extent of coronary artery disease. Isfahan medical science university. 2005.
28. **Sadeghi M,** Afshar H. Comparison of atherosclerosis in carotid arteries in patient with and without anxiety. Isfahan medical science university. 2005.
29. **Sadeghi M,** Poormoghadas M. Relation between physical fitness by Duke Questionnaire and obesity index with coronary involvement in women. Isfahan medical science university. 2005.

30. **Sadeghi M**, Tavasoli AA. Relation between peripheral artery disease according to Ankle to brachial index and coronary artery disease.2005.
31. **Sadeghi M**, Hashemi M, Heidari R. Effect of spirinolactan on heart rate variability of diabetic patients. Isfahan medical science university. 2005.
32. **Sadeghi M**, Poormoghadas M, Tavasoli AA. Relation between CRP and complex plaque of coronary artery in unstable angina. Isfahan medical science university. 2005.
33. **Sadeghi M**, Poormoghadas M, Tavasoli AA. Prevalence of patent foraman ovale in young patient with stroke. Isfahan medical science university. 2005.
34. **Sadeghi M**, Shemirani H. Is LP (a), as a predictor of severity of CAD?. Miandoabi T.2005.
35. **Sadeghi M**. Evaluation of association between ultrasonographic carotid IMT with severity of angiografic coronary artery involvement, in contrast to control group in angina pectoris patients. Ahmadi AR.2005.
36. Analysis of the concentration of IL-6 ,Fibrin D-Dimmer,CRP,VCAM-1,ACE,Zn,And Cu in serum of normal individuals and CVD patients;Evaluation of the prediction risk value of each factor for MI. Montazeri N.2005.
37. Identification of the subfraction, fatty acid profiles of LDL particles and susceptibility to oxidation in the serum of normal Individuals (CAD-) and CAD+ patients. Nayeri H.2005.
38. Effect of sildenafil in secondary PH due to Mutsas gas inhalation in Iran .irag war. Tavakolipour P.2005.
39. **Sadeghi M**. Comparison of body mass index and waist/height ratio in predicting definite coronary artery disease. Salarifar F.2006.
40. **Sadeghi M**. Survey on relationship of sonographic-fatty liver and coronary artery disease via angiography in patients with angina. Dalili AR.2006.
41. **Sadeghi M**. Relation between antistreptokinas antibody titer and complication of myocardial infarction after streptokinase treatment. Isfahan medical science university. 2006.
42. **Sadeghi M**, Siavash M. Comparison of correlation between body mass index and waist to hip ratio and coronary involvement. Isfahan medical science university. 2006.
43. **Sadeghi M**. Blood pressure change during Hot Flash of menopausal women by 24 hour holter monitoring. Isfahan medical science university. 2006.
44. **Sadeghi M**, Adibi P. Relation between ALT and AST and coronary artery disease. Isfahan medical science university. 2006.

45. **Sadeghi M**, Adibi P, Mahsa M. Hypertrans aminasemia is a predictor of coronary heart in Woman from general population. Isfahan Medical Science University. 2006.
46. **Sadeghi M**, Ramezani J. Adherence to evidenc-based therapies and modifiable risk factor in patients with coronary artery disease-the HLCP project.2006.
47. **Sadeghi M**. The association between resting EKG finding and behavioral physical and biochemical factors in central part of Iran. Khademi F.2007
48. Evaluation of HDL performance in people under 40 years of age with CAD compared with healthy individuals. Movahedi B.2007.
49. **Sadeghi M**. Which major risk factor is predictive for more extent of CAD? 2007.
50. **Sadeghi M**, Sanei H, Shemirani H. LPa and Ischemic Heart Disease. Isfahan medical science university. 2007.
51. **Sadeghi M**, Heidari R, Vosogh E. Effect of sildanafil on pulmonary hypertension after mustard poisoning during Iran-Iraque war. Isfahan medical science university. 2007.
52. Sarrafzadegan N, **Sadeghi M**. Evaluation the relation between hs-CRP with high and low dose of atrovastatin in patient with non ST-myocardial infarction. Isfahan medical science university. 2007.
53. **Sadeghi M**, Sanei H. Relation between serum level of inflammatory marker with extent of coronary artery disease and Intima-Media thickness. Isfahan university medical science. 2007.
54. **Sadeghi M**, Sanei H. Evaluation between microalbuminuria and coronary involvement in diabetic patients. Isfahan medical science university. 2007.
55. **Sadeghi M**, Adibi. Relation of liver fat by sonography and coronary arterty disease. Isfahan medical science university. 2007.
56. **Sadeghi M**, Khayamnekoii Z. the effect of cognitive-behavioral therapies on reduction of heart Diseases anxiety and improvement quality of life. Isfahan Medical Science University. 2007.
57. **Sadeghi M**, Sanei H. Correlation between TIMI risk score & modified gensini risk score with cardiovascular events on year cohort in patients with STEMI. Golabchi A (MD) .2008.
58. **Sadeghi M**. Aspirin resistance status as determined by urinary TXB2 level in patient with ischemic heart disease and its relationship with cardiovascular events after two year follow up. Ziaei N.2008.

59. **Sadeghi M**, Hidari R. The effect of sildenafil on the pulmonary artery hypertension caused by mustard gas. Isfahan Medical Science University. 2008.
60. Miandoabi T, **Sadeghi M**, Shemirani H. Is LP (a), as a predictor of severity of CAD? Isfahan Medical Science University. 2008.
61. Sarrafzadegan N, **Sadeghi M**. Evaluation of individual's ankle brachial index with and without metabolic syndrome. Kazemi A (MD). 2008.
62. Sarrafzadegan N, **Sadeghi M**. The relation between Serum and diet Trans Fatty Acids, inflammatory factor E-selectin and interleukin-6 levels with severity and extent of coronary artery disease in patients with acute coronary syndromes and stable angina. Isfahan Medical Science University. Alisaeeedi A (MD). 2008.
63. **Sadeghi M**. Relationship between carotid Intima-Media Thickness (IMT) with some inflammatory biomarkers, ghrelin, adiponectin in people with and without metabolic syndrome in sample of cohort in Isfahan province. Hajmohammadi T. 2008.
64. Sarrafzadegan N, **Sadeghi M**, Hashemi M. Evaluation of heart rate recovery and exercise capacity (two prognostic indices in exercise test) in metabolic syndrome patients compared with individuals without metabolic syndrome. Shafei D (MD). 2008.
65. **Sadeghi M**. Analytical comparison of main echocardiographic criteria between people with and without metabolic syndrome. Frozani Ehsanabadi A. 2008.
66. **Sadeghi M**. Evaluation of serum level of IL-18 with extent of coronary artery disease in patient with un stable angina. GHaratei M (MS). 2008.
67. **Sadeghi M**. Correlation of TIMI risk Score with angiographic extent of CAD in STEMI patients. Akhbari M. 2008.
68. **Sadeghi M**. Relationship between proteinuria and severity of coronary artery disease in patients with non-insulin. Diabetes mellitus with stable angina. Honarbakhsh SH. 2008.
69. **Sadeghi M**. Evaluation of serum level of specific inflammatory markers with extent of coronary artery disease and thickness of Intima media carotid artery in patient with stable angina. Montazeri N. 2008.
70. Effectiveness of Cognitive Behavioral Stress Management on quality of life and severity of blood pressure in female patients with hypertension. Jabal-Ameli Sh (MS). 2008.
71. **Sadeghi M**. Determining the relationship between resting electrocardiography findings and behavioral, physical and biochemical characteristics in adults of 35 years of central part of Iran. Isfahan Medical Science University. Khademi (MD). 2009.
72. Sarrafzadegan N, **Sadeghi M**, Ghrelin, Adiponectin - Inflammatory factors- metabolic Syndrome- IMT of carotid arteries. Isfahan Medical Science University. Hajmohammadi (MD). 2009.

73. Sarrafzadegan N, **Sadeghi M.** Studying the frequency of echocardiography change in individuals with and without Metabolic Syndrome in a sample of cohort study Isfahan. Isfahan Medical Science University. Abady & Forozani (MD). 2009.
74. **Sadeghi M.** Assessment of association between Leptin and Adiponektin with coronary artery disease in stable angina. Mozafari M (MD).2009.
75. **Sadeghi M.** Evaluation and comparison of serum myeloperoxidase level in premature MI patient against other MI patients and healthy subjects. Shamsi E (MD) 2009.
76. **Sadeghi M.** The effect of massage therapy on blood pressure of prehypertension women who refer to health & treatment centers in 2010. Givi M (MS).2009.
77. **Sadeghi M.** The 5-year trend of coronary artery diseases based on angiography results in central part of IRAN. Hedayat P (MD).2009.
78. **Sadeghi M.** The Relation between Occupational Exposure to Lead and Hypertension among Employed Normotensive Men in Isfahan. Taheri L(MD). 2009.
79. **Sadeghi M.** The effect of exercise cardiac rehabilitation on the left ventricular structure, systolic function and diastolic filling in patient with myocardial infarction. Basati F (MS). 2009.
80. The effect 30 minutes of maximal and sub-maximum exercise in postprandial lipidemia and Insulin -resistance in type 2 diabetes patients. Organi N.2009.
81. **Sadeghi M.** Determination of Correlation between Coronary & Carotid arteries Atherosclerosis and Abdominal fat. Nezarat N (MD). 2009.
82. **Sadeghi M.** Using Data-Mining methods for investigation of effective factors in blood pressure. Daei E & Nistani S.2009.
83. Keyvanara M, **Sadeghi M.** Comparative study of national Acute Coronary Syndrome registry in selected countries and presenting guidelines for Iran. Tadayon H (MS).
84. Evaluation of 6-month predictive factors for heart failure patients 2009-2010. CHeraghi M.2009.
85. The effectiveness of group therapy based on dissociative mindfulness metacognitive model on anxiety, depression and hypertension in female patients with hypertension. Bakhtiari A.2009.
86. **Sadeghi M.** Evaluation of prevalence of uncontrolled hypertension and its relation with demographic, socioeconomic, lifestyle characteristics and drug compliance, medical recommendation in Isfahan and Najafabad population in the 3rd phase of Isfahan Health Heart (2007).2010.
87. Evaluation of plasma aldosterone level in metabolic syndrome patients compared with individuals without metabolic syndrome.2010.
88. **Sadeghi M.** Cost-utility analysis of angioplasty versus bypass in patient with heart ischemic on the Chamran hospital in 30-60 age group patient. Yazdani bakhsh R (MS).2010.

89. Pour farzam M, Naderi GH, **Sadeghi M**. Investigation of the changes in fatty acid profile, Na⁺-K⁺ pump activity, cellular anti-oxidant balance and cholesterol content in red blood cells from patients with coronary artery disease. Namazi GH (Ph. D).2010.
90. Babae S, **Sadeghi M**. The effect of family support intervention on heart failure patient s self-care behaviors and perceived support, who refer to Cardiovascular Research Institute Sedighe Tahere in 2011. Ahmadi M (MS).2010.
91. Khosravi M, Garaghyaraghi M, **Sadeghi M**, sarafzadegan N, akbari M. Effect of rehabilitation on left ventricular ejection fraction in patients with left ventricular dysfunction. KHosravi Deghani M (MD).2010.
92. Neshatdost H, yousefi A, **Sadeghi M**, Manshaei Gh. Psychological & spritual protective & risk factors structural model in CHD patients. Khayam Nekoei Z (Ph. D).2011.
93. Pourmoghadas A. Evaluation of the relationship between myeloperoxidase level and its comparison with troponin level with short-term clinical outcomes in patients with acute coronary syndrome. Bazgir A.2011.
94. Mostafavi F, **Sadeghi M**, Sharifirad Gh, Feizi A, et al. Survey of efficiency of educational and exercise intervention based on social cognitive theory in patient's empowerment diagnosed with heart failure. Rajati F (Ph. D). 2011.
95. **Sadeghi M**, Hidari R. Investigation the effect of hull-less barley bread on lipid profile, fasting blood sugar and vascular endothelial function in hypercholestrolemic patients. Momenzadeh A (MD). 2011.
96. Garaghyaraghi M, **Sadeghi M**, Akbari M. Evaluation relation between plasma level of BNP and MPO and mortality and duration of admition in chronic heart failure patient. Alizadeh N (MD).2011.
97. Feizi A, Azadbakht L, Sarafzadegan N, Heidari Z, Mohammadifar N, Talaie M, **Sadeghi M**, Maghron M. Application of classical measurement error models in analyzing usual nutrient intake of people aged 40(yr) and older in central region of Iran (Isfahan, Najafabad & Arak).2011.
98. Izadi khah Z, **Sadeghi M**. Investigating the effectiveness of group based acceptance and commitment therapy on the anger, difficulties emotioanal regulation, distress tolerance in hyper tension patients. Bostani M (MS). 2012.
99. Garaghyaraghi M, **Sadeghi M**. Effect of PDE5I on left ventricular function in patients with heart failure (left ventricular dysfunction). Samadi M (MD).2012.
100. Pour farzam M, **Sadeghi M**, Naderi GH. Investigation of erythrocyte membrane fatty acid profile and Na⁺/K⁺-ATPase activity and their association with insulin resistance and cardiovascular risk factors in type 2 diabetic patients with and without metabolic syndrome. Zadhosh F (Ph. D).2012.
101. Nazarali P, Kargarfard M, **Sadeghi M**. Effect of 8 weeks of rehabilitation exercises with herbal supplement Ginkgo Biloba on risk factors for coronary artery disease in patients referred to Isfahan cardiovascular research center. Arjmandi asl Z (MS).2012.

102. Sanei H, **Sadeghi M**, Zavar R, Akram zadeh M, Akbari M. Investigation the effect of hull-less barley bread on plasma level of NO and vascular endothelial function in hypercholestrolemic patients. Tabesh F (MD).2012.
103. Esfarjani F, **Sadeghi M**. Comparison of home-based exercise rehabilitation with centre-besed cardiac rehabilitation on lipid profile and blood pressure in patients with coronary artery disease. Mousavi A (MS).2012.
104. **Sadeghi M**, Behmanesh M, Salehi M, KHosravi A, et al. Association study of function of selenoprotein P and S genes in level of DNA, RNA and proteinin the subjects with metabolic syndrome and history of coronary artery disease. GHaripour M (PhD).2012.
105. **Sadeghi M**. The Effect of Vitamin D Supplement on Endothelial Dysfunction in Patient with Stable Angina in KHorshid Hospital in 2012. Mokhtari M (MD).
106. Pour Moghaddas A, **Sadeghi M**, Akbari M, Et al. Evaluating the effect of pioglitazone on serum concentration of interleukin -10 and TNF-a in patients with metabolic syndrome. Dormiani M (MD).2012.
107. Jalili S, **Sadeghi M**. Prediction of ATPIII based metabolic syndrome using machine learning. Karimialavijeh F. (MS).2012.
108. Kargarfar M, **Sadeghi M**. Plasma adiponectin, omentin-1, eotaxine responses and cardiometabolic risk factors after 8-weeks cardiac rehabilitation program in obese patients with myocardial infraction.2013.
109. Garakyaraghi M, **Sadeghi M**. Prognostic Value of plasma BNP and MPO Level in Chronic Heart Failure .Alizadeh N. (MD).2013.
110. **Sadeghi M**. Comparison of carotid Intima- Media Thickness (IMT), fibrinogen and lipoprotein A in two groups with and without metabolic syndrome Isfahan. Bayanfar Z (MD).2013.
111. **Sadeghi M**, Garagyaraghi M, Sarafzadegan N. Effect of rehabilitation on exercise test in patients with heart failure (left ventricular dysfunction). Taghavi M (MD).2013.
112. **Sadeghi M**, Golshahi J, Sarafzadegan N. The comparison of serum levels of CRP and Fibrinogen in patients with cardiac events and stroke and healthy subjects and its relationship with the six-month outcomes for individuals. KHalesi S (MD).2013.
113. GHorbani M, **Sadeghi M**. The comparison of temperament and character traits, emotion regulation strategies and anxitey sensitivity in patients with coronary heart disease and normal population. Abdoli Dehnavi Z (MS).2013.
114. **Sadeghi M**. Evaluation of the effect of air pollution on myocardial function index in workers of Isfahan steel company. Saghira M (MD).2013.
115. Kazemi H, **Sadeghi M**. The comparison of mindfulness skills, metacognitive beliefs and percieved severity of stress in patient with hypertension and normal. Haji Mir Saeidi Z (MS).2013.

116. Marofi M, **Sadeghi M**. The effectiveness of acceptance and commitment therapy on lifestyle of the patients with angina pectoris of Esfahan city. Amiri M (MS).2013.
117. Rahnama N, **Sadeghi M**. Effect of 8 weeks of Pilates exercises on postural abnormalities, strength and quality of life of cardiac patients after open-heart surgery. Ershadi N (MS).2013.
118. Davar Panah M, **Sadeghi M**, Mohammadifar N. Data mining, Application Algorithms, Nutrition, Adolescent, Dietary Guidelines, Healthy Eating Index(HEI), obesity, High Blood Pressure(HBP), Metabolic Syndrome, Body Mass Index(BMI), Dyslipidemia. Karimi Manesh F (MS).2013.
119. Khaiamnekoie Z, **Sadeghi M**. Comparison of Spiritual Intelligence, Psychology Hardiness and Lifestyle of Coronary Artery Disease and Normal Subjects of Isfahan. Sistani Z (MS).2014.
120. Jabari A, Raisi AR, **Sadeghi M**. Survey of cardiologists' medical therapy compliance with clinical guidelines for acute coronary syndrome patient at Isfahan hospitals. Asgari Dastjerdi H (MS).2014.
121. **Sadeghi M**. Isolation and Identification of Saponins from *Allium paradoxum* L. Rezaei F (MD).2014.
122. Jalali KH, **Sadeghi M**. The effect of 8 weeks' aerobic interval training on the level of Apelin and C - reactive protein serum and functional index of heart in coronary syndrome patients. Drostkar N (MS).2015.
123. Aghayousefi A, Alipour A, **Sadeghi M**, Nikrahan GH. The effectiveness of positive psychotherapy on bio psychological markers of chronic coronary heart patients. Mohammadi N (Ph. D).2015.
124. **Sadeghi M**. Investigation of the effect of taking a course of selenium supplementation in comparison with placebo on the amounts of serum paradoxes in cardiac patients in Isfahan University Hospitals in 2015-2016. Mirmohammad Sadeghi A (MD).2016.
125. **Sadeghi M**. Association of serum vitamin D level and cardiovascular events in Isfahan cohort study from 2007 to 2013. Kiani K (MD).2016.
126. **Sadeghi M**. The Correlation of the Levels of Particulate Matter Less Than 2.5 micrometer (PM_{2.5}) and the Frequency of Hospitalization Due to Cardiovascular Diseases in Isfahan Since 2011 to 2012. Shirvani E (MD).2016.
127. Aghilinezhad M, **Sadeghi M**. The effect of different jobs on cardiovascular event incidences: Isfahan cohort study. Ghahramani R (MD).2016.
128. **Sadeghi M**, Khosravi S. Effect of melatonin on sarcopenia and proteomic profile of muscle in patients with heart failure: a double blinded randomized clinical trial. Ghaffari Hoseini Sh (MD).2016.
129. Hosseini M, **Sadeghi M**. Application of random effects pattern-mixture models in combination with inverse probability weighting for continuous non ignorable non response in longitudinal clinical studies. Afshari Safavi A (Ph. D).2016.

130. **Sadeghi M**, Amirpour A. The evaluation of hs-CRP predictive value in cardiovascular events in different groups of people with distinct risk factors. Koosha P (MD).2017.
131. Soleimani A, Yadegarfar Gh, **Sadeghi M**. Comparative study of angiographic and clinical results of two treatment methods PRIMARY PERCUTANEOUS CORONARY INTERVENTION -PPCI and PCI after lithic therapy in patients (ACUTE ST ELEVATION MYOCARDIAL INFARCTION (ACUTE STEMI, referring to Shahid Chamran Hospital in 2015 and 2016). Soleimani M (MD).2017.
132. Kazemnejad lili, **Sadeghi M**. A multivariate location-scale model for clustered ordinal data and its application in medical data analysis. Rafieeolhossaini M (Ph. D).2018.
133. Jabalameli Sh, **Sadeghi M**. The study off the Effectiveness of Acceptance and commitment therapy (ACT) enhanced with compassion Focused therapy (CFT) on cognitive Emotion Regulation, Health Related Quality of Life and Systems of Brain / Behavioral in Cardiovascular Patient. Ghaour Najafabadi A (MS).2018.
134. Nikrahan GH, **Sadeghi M**. The investigation and the comparison of the Effectiveness of happiness training with cognitive behavioral therapy on depression, happiness, optimism, general health and C-reactive protein in patients with coronary disease. Baghooli Kermani M (MS).2018.
135. **Sadeghi M**, Amirpour A. Comparison between 12 & 24 weeks' cardiac rehabilitation in myocardial function and quality of life in patient with ischemic heart disease. Izadi Zamanabadi A (MD).2018.
136. Modarressi MH, **Sadeghi M**. Evaluation of ACTA2 mutations in patients with early onset myocardial infarction referring to Isfahan health centers. Hajibabaei Alavijeh F (MS).2019.
137. **Sadeghi M**. Evaluating and comparing cardiac rehabilitation program effectiveness after percutaneous coronary artery intervention with coronary artery bypass grafting surgery in patients who referred to cardiac rehabilitation research center between2012-2017. Shikhbahaei E (MD).2019.
138. **Sadeghi M**. Relationship between the consumption of various fats intake with cardiovascular events in Iranian adults in Esfahan Cohort study. Simani M (MD).2019.
139. **Sadeghi M**, kermani M. The Effectiveness of Positive Psychotherapy on ICAM and VCAM in Ischemic Heart Patients. Aramesh ME (MD).2019.
140. **Sadeghi M**. Relationship between chronic stressor and cardiovascular events in Iranian adults in Esfahan Cohort study. Rostampor F (MD).2019.
141. **Sadeghi M**, Soleimani A. Study of the effect of neutrophil/lymphocyte ratio on prediction the mortality and complication in patient with ST elevation Myocardial Infarction in Cohort Study. Hadi A (MD).2019.
142. **Sadeghi M**. Evaluating and comparing incidence of cardiac and cerebral events in hypertensive patients according to Numbers of other cardiovascular risk factors in Isfahan Cohort Stydy during15 years. Shokrani R (MD).2019.

143. Nayeri H, **Sadeghi M**. The effect of Lycopene on the expression level of miR-210, Antioxidant factors, Apolipoproteins and LDL Oxidation in patients with ischemic heart failure referring to Isfahan Chamran hospital, 1398: A randomized Clinical Trial. Rejali L (Ph.D).2019.
144. **Sadeghi M**. Evaluation of relationship between psychological stress and its changes, with other cardiovascular diseases risk factors in the Isfahan Cohort Study (2007-013). Karimi R (MD).2019.
145. **Sadeghi M**, Mansouri MH, Soleimani A. Investigating the relationship between heart rate at the time of arrival and heart rate at the time of discharge and one year with three-year cardiovascular events in patients with acute coronary syndrome. Adib P (MD).2019.
146. **Sadeghi M**, Mansouri MH, Soleimani A. Investigation the relationship between hemoglobin level at the time of arrival and a three year follow up and major cardiovascular events in patient with ST Elevation Myocardial Infarction. Baharloei F (MD).2019.
147. **Sadeghi M**, Amirpour A. The effect of psychosocial intervention based on bioenergy economy on cardiac functional indicators, inflammatory markers and quality of life in MI patients referred to cardiac rehabilitation center of cardiovascular research institute in Isfahan: a randomized clinical trial study. Bavari F (MD).2019.
148. **Sadeghi M**, Shemirani H. Assessing the changes of Troponin I and T Serum Levels before and after of hemodialysis in End-Stage Renal Disease Patients with ejection fraction over than 50 in Isfahan. Hadi N (MD).2019.
149. **Sadeghi M**, Moslehi M. Assessing & differentiation between H-FABP & hsTn serum levels in identification of Coronary Artery Disease severity base on exercise MPI-spect & Coronary Angiography & short term cardiovascular prognosis. Shahraki H (MD).2019.
150. Tajmirriahi M, Shemirani H, **Sadeghi M**, Saadatnia M. Review and compare the occurrence of Acute Coronary Syndrome in Patients with a Previous History of Large-vessel or Small-vessel Ischemic Strokes in Isfahan from 2015 to 2019. Chamasmani A (MD).2019.
151. Shemirani H, Gheshlaghi F, **Sadeghi M**, Tajmirriahi M. The incidence of high sensitive troponin and Ecocardiography and ECG changes in methadone toxicity patients. Davodiyani dehkordi A (MD).2019.
152. Feizi A, **Sadeghi M**, Mohammadifard N, Sarrafzadegan N, Roohafza H. Multidimensional latent trait linear mixed model with latent covariates and non-normal random effects for longitudinal data with Bayesian approach: its application in medical data analysis. Nouri Emamzadehei F (PhD).2019.
153. Zavar R, **Sadeghi M**, Hoorfar H. Evaluation of the diagnostic value of arterial elasticity with echocardiography in the diagnosis of iron overload in patients with asymptomatic beta thalassemia in comparison with cardiovascular magnetic resonance using T2-weighted sequences (CMR * T2). Hendimarjan M (MD).2019.
154. Zavar R, **Sadeghi M**, Hoorfar H, Behjati M. Evaluation of the diagnostic value of Myocardial performance index with echocardiography in the diagnosis of iron overload in patients with asymptomatic beta thalassemia in comparison with cardiovascular magnetic resonance using T2-weighted sequences (CMR * T2). Yazdani D (MD).2019.

155. Sanei H, Heshmat K, **Sadeghi M**. The Effect of High dose of Allopurinol loading on Percutaneous Coronary Intervention Outcomes and In-hospital Clinical Results in ST-segment Elevation Myocardial Infarction Patients; A Double-blind Randomized Clinical Trial. Kermani alghorishi M (MD).2019.
156. Soleimani A, **Sadeghi M**. Investigating the relationship between reproductive factors and acute STEMI occurrence in women referred to Chamran hospital in 1394-95. Khademi F (MD).2019.
157. Soleimani A, **Sadeghi M**, Sarrafzadegan N. Evaluation of population attributable risk of basic NLR. Platelet and Hematocrit in Isfahan cohort study. Jafari A (MD).2019.
158. Roghani F, Khosravi A, Shafie D, **Sadeghi M**. Trans snuffbox as a new access site for coronary angiography and angioplasty versus transradial artery (TRA) approach in terms of feasibility and safety. Riazi A (MD).2019.
159. Farajzadegan Z, **Sadeghi M**, et al. The Isfahan Geriatrics 60+ Cohort (IG60+C) implementation.2019.
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. Mollayi 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, Soleimani 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 survey 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- Evaluation 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 patient 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 hospitalization 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 its 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 APOA4 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 ventricular 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, Beijing-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 August-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 I. 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.