

ICS published articles

1. Roohafza, H., Heidari, D., Talaei, M. *et al.* Are different perceived stressors associated with metabolic syndrome: a longitudinal cohort study of adults in central Iran. *J Diabetes Metab Disord* (2023). <https://doi.org/10.1007/s40200-023-01304-3>.
2. Mohseni M, Mohammadifard N, Hassannejad R, Aghabozorgi M, Shirani F, Sadeghi M, Roohafza H, Sarrafzadegan N. Longitudinal association of dietary habits and the risk of cardiovascular disease among Iranian population between 2001 and 2013: the Isfahan Cohort Study. *Sci Rep*. 2023 Apr 1;13(1):5364. doi: 10.1038/s41598-023-32387-w.
3. Ghazizadeh H, Bohn MK, Esmaily H, ..., Boshtam M, et al. Comparison of biochemical and hematology markers reference intervals derived by direct and indirect procedures based on the Isfahan cohort study. *Clin Biochem* 2023; 116: 79-86.
4. Mohammadifard, N., Taheri, M., Haghghatdoost, F. *et al.* Egg consumption and risk of cardiovascular events among Iranians: results from Isfahan Cohort Study (ICS). *Eur J Clin Nutr* **76**, 1409–1414 (2022). <https://doi.org/10.1038/s41430-022-01118-1>.
5. 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, *European Journal of Cardiovascular Nursing*, Volume 21, Issue 5, July 2022, Pages 483–490, <https://doi.org/10.1093/eurjcn/zvab110>.
6. Roohafza, H., Sattari, N., Nouri, F. *et al.* Do any kinds of perceived stressors lead to hypertension? A longitudinal cohort study. *Hypertens Res* **45**, 1058–1066 (2022). doi.org/10.1038/s41440-022-00895-3.
7. 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.
8. Narges Grau, Noushin Mohammadifard, Razieh Hassannejhad, Fahimeh Hghighatdoost, Masoumeh Sadeghi, Mohammad Talaei, Firoozeh Sajjadi, Yiannis Mavrommatis, Nizal Sarrafzadegan, Red and processed meat consumption and risk of incident cardiovascular disease and mortality: Isfahan cohort study. *Int J Food Sci Nutr*. 2022 Jun;73(4):503-512. doi: 10.1080/09637486.2021.1993797.
9. Masoumeh Sadeghi, Kiyann Heshmat-Ghahdarjani, Mohammad Talaei, Ali Safaei, Nizal Sarrafzadegan, Hamidreza Roohafza. The predictive value of atherogenic index of plasma in the prediction of cardiovascular events; a fifteen-year cohort study. *Adv Med Sci* 2021 Sep;66(2):418-423. doi: 10.1016/j.advms.2021.09.003.
10. Fatemeh Nouri, Awat Feizi, Hamidreza Roohafza, Masoumeh Sadeghi & Nizal sarrafzadegan. How different domains of quality of life are associated with latent

dimensions of mental health measured by GHQ1. Health and Quality of Life Outcomes (2021) 19:255. doi.org/10.1186/s12955-021-89201-9

11. Parisa Hajhashemi, Razieh Hassannejad, Fahimeh Haghighatdoost1, Noushin Mohammadifard, Masoumeh Sadeghi, Hamidreza Roohafza, Firoozeh Sajjadi & Nizal Sarrafzadegan. The long-term association of different dietary protein sources with metabolic syndrome. Scientific Reports; (2021) 11:19394. doi.org/10.1038/s41598-021-98688-0.
12. Masoumeh Sadeghi, Mehrdad Simani, Noushin Mohammadifard, Mohammad Talaei, Hamidreza Roohafza, Razieh Hassannejad, Nizal Sarrafzadegan. Longitudinal association of dietary fat intake with cardiovascular events in a prospective cohort study in Eastern Mediterranean region. Int J Food Sci Nutr 2021, doi:10.1080/09637486.2021.1895725.
13. Fatemeh Nouri, Fahimeh Haghighatdoost, Noushin Mohammadifard, Marjan Mansourian, Masoumeh Sadeghi, Hamidreza Roohafza, Azam Khani, Nizal Sarrafzadegan. The longitudinal association between soybean and non-soybean legumes intakes and risk of cardiovascular disease: Isfahan cohort study. British Food Journal.2021; 123: 8. doi/10.1108/BFJ-08-2020-0699/
14. Razieh Hassannejad, Seyedeh Parisa Moosavian, Noushin Mohammadifard, Marjan Mansourian, Hamidreza Roohafza, Masoumeh Sadeghi. Long-term association of red meat consumption and lipid profile: A 13-year prospective population-based cohort study. Nutrition 2021, 86: 111144. doi:10.1016/j.nut.2021.111144
15. Fatemeh Nouri, Masoumeh Sadeghi, Noushin Mohammadifard, Hamidreza Roohafza, Awat Feizi, Nizal Sarrafzadegan. 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; 18: 28. doi:10.1186/s12986-021-00560-5.
16. Fatemeh Nouri, Awat Feizi, Marzieh Taheri, Noushin Mohammadifard, Somayeh Khodarahmi, Masoumeh Sadeghi, Nizal Sarrafzadegan. Temporal Trends of the Incidence of Ischemic Heart Disease in Iran Over 15 Years: A Comprehensive Report from a Multi-Centric Hospital-Based Registry. Clin Epidemiol 2020 Aug 6; 12: 847-856. doi: 10.2147/CLEP.S259953.
17. Rahil Ghahramani, Mohammad Kermani-Alghoraishi, Hamid Reza Roohafza, Saeide Bahrani, Mohammad Talaei, Minoo Dianatkah, Nizal Sarrafzadegan, and Masoumeh Sadeghi. The Association between Occupational Categories and Incidence of Cardiovascular Events: A Cohort Study in Iranian Male Population. Int J Occup Environ Med. 2020 Oct; 11(4): 179–187. doi: 10.34172/ijoem.2020.2053.
18. Mohammad Kermani-Alghoraishi, Hamidreza Roohafza, Rahil Ghahramani, Mohammad Talaei, Nizal Sarrafzadegan and Masoumeh Sadeghi. Association of Prolong PR and QTC Intervals with Cardiovascular Events and Mortality: The Isfahan Cohort Study. Biomedical Journal of Scientific & Technical Research 2020; 29 (5): 22777-22782. doi:10.26717/BJSTR.2020.29.004858.

19. Noushin Mohammadifard, Niloufar Ghaderian, Razieh Hassannejad, Firouzeh Sajjadi, Masoumeh Sadeghi, Hamidreza Roohafza, Jordi Salas-Salvadó and Nizal Sarrafzadegan. Longitudinal Association of Nut Consumption and the Risk of Cardiovascular Events: A Prospective Cohort Study in the Eastern Mediterranean Region. *Nutr* 2021; 7:610467. doi: 10.3389/fnut.2020.610467.
20. Pooya Koosha, Hamidreza Roohafza, Nizal Sarrafzadegan, Mehrbod Vakhshoori, Mohammad Talaei, Erfan Sheikhabaei and Masoumeh Sadeghi. High Sensitivity C-Reactive Protein Predictive Value for Cardiovascular Disease: A Nested Case Control from Isfahan Cohort Study (ICS). *Global Heart* 2020; 15(1): 3.
21. Marjan Mansourian, Midia Babahajiani, Tohid Jafari-Koshki, Hamidreza Roohafza, Masoumeh Sadeghi and Nizal Sarrafzadegan. Metabolic Syndrome Components and Long-Term Incidence of Cardiovascular Disease in Eastern Mediterranean Region: A 13-Year Population-Based Cohort Study. *J Metabolic Syndrome and Related Disorders* 2019; 17 (7): 362-366.
22. Masoumeh Sadeghi, Mohammad Talaei, Mojgan Gharipour, Shahram Oveisgharan, Pouya Nezafati, Minoo Dianatkah, Nizal Sarrafzadegan. Anthropometric indices predicting incident hypertension in an Iranian population: The Isfahan cohort study. *Anatol J Cardiol* 2019; 22: 33-43.
23. Masoumeh Sadeghi, Kiyam Heshmat-Ghahdarjani, Nizal Sarrafzadegan, Mohammad Talaei, Minoo Dianatkah, Mehrbod Vakhshoori and Hamidreza Roohafza. Trends of Major Cardiovascular Risk Factors in Iranian Population During Years 2001-2013: The Isfahan Cohort Study. *Iran Red Crescent Med J* 2019; e; 21(6): e90439. doi: 10.5812/ircmj.90439.
24. Alireza Afshari-Safavi, Sayed Mohsen Hosseini, Mohammad Talaei, Hamidreza Roohafza, Nizal Sarrafzadegan, Masoumeh Sadeghi. 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): 129-134.
25. Nizal Sarrafzadegan, Razieh Hassannejad, Hamidreza Roohafza, Masoumeh Sadeghi, Mohammad Talaei, Shahram Oveisgharan, Marjan Mansourian. 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: 807–816. doi.org/10.1038/s41371-018-0126-2.
26. M Talaei, N Hosseini, Rob M.van Dam, M Sadeghi, Sh Oveisgharan, M Dianatkah and N Sarrafzadegan. Whole milk consumption and cardiovascular disease and mortality: Isfahan Cohort Study. *European Journal of Nutrition* .2019; 58(1):163-171. doi: 10.1007/s00394-017-1581-1.
27. Masoumeh Sadeghi, Jafar Golshahi, Mohammad Talaei, Erfan Sheikhabaei, Erfan Ghodjani, Mohammadhadi Mansouri, Pejman Mansouri, Nizal Sarrafzadegan and Hamidreza Roohafza. 15-Year lipid profile effects on cardiovascular events adjusted for cardiovascular risk factors: a cohort study from Middle-East. *J Hypertens* .2018; 36: e3. doi: 10.1097/01.hjh.0000538970.04385.22.

28. Keivan Kiani, Hamidreza Roohafza, Mojgan Gharipour, Minoo Dianatkhah, Mohammad Talaei, Shahram Oveisgharan, Nizal Sarrafzadegan, Masoumeh Sadeghi. The association between the serum 25-hydroxyvitamin D level and cardiovascular events in individuals with and without metabolic syndrome. *ARYA Atheroscler* 2018; 14(6), 254-259.
29. Masoumeh Sadeghi, Azam Soleimani, Hamidreza Roohafza, Safoura Yazdekhasti, Shahram Oveisgharan, Mohammad Talaei, Nizal Sarrafzadegan. Cardiovascular disease events and its predictors in women: Isfahan Cohort Study (ICS). *J Cardiovasc Thorac Res*; 2017, 9(3), 158-163.
30. N sarrafzadegan, R hassannejad, HR marateb, M Talaei, M Sadeghi, HR Roohafza, F Masoudkabar, Sh Oveisgharan, M Mansourian, MR Mohebian, Miquel Angel Mananas. PARS risk charts: A 10-year study of risk assessment for cardiovascular diseases in Eastern Mediterranean Region. *PLOS One* 2017; 19: 1-19.
31. N Khosravi-Broujeni, N Sarraf zadegan, M Sadeghi, HR Roohafza, Shu-Kay NG, Ali Pourmoghaddas, F Ahmed. Prevalence and trends of vitamin D deficiency among Iranian adults: A longitudinal study from 2001-2013. *J Nutr Sci Vitamin* 2017; 63(5): 284-290.
32. N Hosseini, M Talaei, M Dianatkhah, M Sadeghi, Sh Oveisgharan and N Sarrafzadegan. Determinants of Incident Metabolic Syndrome in a Middle Eastern Population: Isfahan Cohort Study. *Metabolic Syndrome and Related Disorders* 2017; 15 (7): 354-362.
33. N Sarrafzadegan, M Gharipour, M Sadeghi, P Nezafati, M Talaie, Sh Oveisgharan, F Nouri, A Khosravi. Metabolic Syndrome and the Risk of Ischemic Stroke. *Journal of Stroke and Cerebrovascular Diseases* 2017; 26(2): 286–294.
34. Khosravi A, Gharipour M, Nezafati P, Khosravi Z, Sadehgi M, Khaledifar A, Taheri M, Golshadi .Pre-hypertension, pre-diabetes or both: Which is best at predicting cardiovascular events over the long term? *J Hum Hypertens* 2016; 31:382-387.
35. H Khosravi-Boroujeni, N Sarrafzadegan, M Sadeghi, H Roohafza, M Talaei, Shu-Kay Ng, Hai Phung, A Pourmoghaddas, F Ahmad. Secular trend of metabolic syndrome and its components in Iranian adults from 2001 to 2013. *Metabolic Syndrome And Related Disorders*, 20(20) , 2017;1-7.
36. Zahra Heidari, Awat Feizi , Leila Azadbakht , Nizal Sarrafzadegan. Usual Intake Distribution of Vitamins and Prevalence of Inadequacy in a Large Sample of Iranian At-Risk Population: Application of NCIMethod. *J Am Coll Nutr.* 2016;35(3):193-204. doi:10.1080/07315724.2014.955149.
37. M Sadeghi, M Gharipour, P Nezafati, D Shafie, E Aghababaei, N Sarrafzadegan. Assessing Metabolic Syndrome Through Increased Heart Rate During Exercise. *Acta Medica Iranica* 2016; 54 (11): 724-730.
38. L Rafiee, P Shokouh, H Roohafza, M Mansourian, Sh Haghjooy Javanmard. Association of glutathione S-transferases M1 and T1 gene polymorphisms with the risk of metabolic syndrome in an Iranian population. *Advanced Biomedical Research* 2016; 5:63. DOI:10.4103/2277-9175.179185.

39. Y Dadjou, M Kermani-Alghoraishi, M Sadeghi, M Talaei, A Yousefy, SH Oveisgharan, H Roohafza, K Rabiei, N Sarrafzadegan. The impact of health-related quality of life on The incidence of ischemic heart disease and stroke; a cohort study in an Iranian population. *Acta Cardiol* 2016; 71(2);221-226.
40. F Karimi-Alavijeh, S Jalili, M Sadeghi. Predicting metabolic syndrome using decision tree and support vector machine methods. *ARYA Atheroscler* 2016; 12 (3): 146-152.
41. F Nouri, N Sarrafzadegan, N Mohammadifard, M Sadeghi, and M Mansourian. 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; 70(2): 217-21.
42. M Gharipour, M Sadeghi, M Dianatkhah, P Nezafati. Comparison between European and Iranian cutoff points of triglyceride/high-density lipoprotein cholesterol concentrations in predicting cardiovascular disease outcomes. *J Clin Lipidol* 2016; 10(1):143-9.
43. S Aalami Harandi, N Sarraf zadegan, M Sadeghi, M Talaei, M Dianatkhah, S Oveisgharan, A Pour moghaddas, A Salehi, Z Sedighifard. Do Cardio metabolic Risk Factors Relative Risks Differ for the Occurrence of Ischemic Heart Disease and Stroke? *Res Cardiovasc Med* .2016; 5(1):e30619.
44. N Mohammadifard, M Talaei, M sadeghi, Sh Oveisegharan, J Golshahi, A Esmailzadeh, N Sarrafzadegan. Dietary patterns and mortality from cardiovascular disease: Isfahan Cohort Study. *European Journal of Clinical Nutrition* 2016;1-7.
45. D Kazemi-Saleh, P Koosha, M Sadeghi, N Sarrafzadegan, R Karbasi-Afshar, M Boshtam, and Sh Oveis-Gharan. Predictive role of adiponectin and high-sensitivity C-reactive protein for prediction of cardiovascular event in an Iranian cohort Study: The Isfahan Cohort Study.*ARYA Atheroscler* 2016; 12(3): 132-137.
46. Golshahi j; Kafami Z, MD; Sadeghi M; Roohafza HR; Dianatkhah M; Ziaie p; Esmaili M. Does Oral Contraceptive Use Increase the Risk of Future Cardiovascular Events? Results from the Isfahan Cohort Study. *Iranian Heart Journal* 2016; 17(1): 29-37.
47. A Khosravi, S Ahmadzadeh, M Gharipour, J Golshahi, M Sadeghi, M Jozan, N Sarrafzadegan. Is there any relationship between different phenotypes of metabolic syndrome and CVD mortality rate? *Adv Biomed Res* 2016; 5:185, DOI:10.4103/2277-9175.192727.
48. H Khosravi-Boroujeni, F Ahmed, M Sadeghi, H Roohafza, M Talaei, M Dianatkhah, A Pourmogaddas and N Sarrafzadegan. Does the impact of metabolic syndrome on cardiovascular events vary by using different definitions? *BMC Public Health* 2015; 15: 1313.
49. M Sadeghi, M Talaei, E Parvaresh, M Dianatkhah, Sh Oveisgharan, N Sarrafzadegan. Determinants of Incident Prediabetes and Type 2 Diabetes in a 7-year Cohort in a Developing Country: The Isfahan Cohort Study. *Journal of Diabetes* 2015;7(5):633-41.

50. J Golshahi, Y Khaledi, El Aghababaei, M Sadeghi, M Hashemi, H Sanei. Comparing Heart Rate Reserve and High-Sensitivity C-Reactive Protein in Patients with and without Metabolic Syndrome. *Journal of Isfahan Medical School* 2015; 32 (312): 2085-2093.
51. Bahonar A, Sarrafzadegan N. The cumulative Incidence of conventional risk factors of cardiovascular disease and their population attributable risk in an Iranian population: Isfahan Cohort Study. *Journal of Advanced Biomedical Research* 2014; 3: 242.
52. L Rafee, M Abedini, Sh Haghjooy Javanmard, N Sarrafzadegan, M Mansourian. Association of GSTT1 and GSTM1 polymorphisms with blood pressure: A Bayesian modeling of continuous data. *Journal of Research in Medical Sciences* 2014; 200-204.
53. A Khosravi, B Pourheidar, H Roohafza, M Moezzi, M Mousavi, A Hajiannejad, P Bidram, M Gharipour, Sh Shirani, J Golshahi, M Boshtam, N Sarrafzadegan. Evaluating factors associated with uncontrolled hypertension: Isfahan cohort study, Iran. *ARYA Atheroscler*. 2014; 10(6):311-8.
54. Sadeghi M, Talaei M, Zand I, Oveisgharan SH, Iranipour R, Esteki Ghashghaei F, Sarrafzadegan N. Heart Rate and Cardiovascular Events: A Nested Case-Control in Isfahan Cohort Study. *Archives of Iranian Medicine* 2014, 17(9): 633-637.
55. N Sarrafzadegan, M Talaei, M Sadeghi, N Mohammadifard, M Taheri, M Lotfalizadeh, A Esmailzadeh, H Khosravi Boroujeni. Determinants of Weight Change in a Longitudinal Study of Iranian Adults: Isfahan Cohort Study. *Archives of Iranian Medicine* 2014; 17(8): 539-544
56. Dianatkhan M, Rahgozar M, Talaei M, Karimlou M, Sadeghi M, Oveisgharan SH, Sarrafzadegan N. Comparison of competing risks models based on cumulative incidence function in analyzing time to cardiovascular . *ARYA Atheroscler* 2014; 10 (1): 1-7.
57. Bayanfar Z, Sadeghi M, Heidari R, Gharipour M, Talaie M, Sedaghat A. Carotid intima-media thickness and plasmafibrinogen among subjects with metabolic syndrome: Isfahan cohort study. *ARYA Atheroscler* 2014; 10 (5): 238-243.
58. Talaei M, Sadeghi M, Mohammadifard N, Shokouh P, Oveisgharan S, Sarrafzadegan N. Incident hypertension and its predictors :the Isfahan Cohort Study .*J Hypertens*. 2014; 32(1): 30-38.
59. M Gharipour, N Sarrafzadegan, M Sadeghi, E Andalib, M Talaie, D Shafie, and E Aghababaei. Predictors of Metabolic Syndrome in the Iranian Population: Waist Circumference, Body Mass Index, or Waist to Hip Ratio? Hindawi Publishing Corporation *Cholesterol*, 2013: 1-6.
60. M Gharipour, M Sadeghi, M Mansourian, E Andalib, M Talaie, N Mohammadifard, N Sarrafzadegan. Correlation of circulating inflammatory markers, ghrelin, adiponectin with obesity indices in subjects with metabolic syndrome. *Pak J Med Sci* 2013; 29 (1) Suppl: 264-268.
61. N Sarrafzadegan, M Sadeghi, M Gharipour, M Talaei, D Shafie, E Aghababaei. Left Ventricular Diastolic Function in Subjects with Metabolic Syndrome: Isfahan Cohort Study. *Iranian Heart Journal* 2013; 13(4): 63-7.

62. Talaei M, Sadeghi M, Marshall T, Thomas GN, Iranipour R, Nazarata N, Sarrafzadegan N. Anthropometric indices predicting incident type 2 diabetes in an Iranian population: The Isfahan Cohort Study. *Diabetes & Metabolism* 2013; (39):424–431.
63. Talaei M, Sarrafzadegan N, Sadeghi M, Oveisgharan S, Iranipour R, Thomas GN, Marshall T. Incidence of cardiovascular diseases in Iran: The Isfahan cohort study. *Archives of Iranian Medicine* 2013; 16 (3):138 –144.
64. Z Heidari, L Azadbakht, A Feizi, N Sarrafzadegan, N Mohammadifard. Assessment of the Distribution of Usual Intake of Nutrients and Estimating Prevalence of Intake Deficiency and Excess in a General over 40-Years of Age Population of Central Region of Iran: Application of the National Cancer Institute (NCI) Method. *Journal of Isfahan Medical School*, 2013, 31 (242); 954-972.
65. E Aghababaei, M Sadeghi, N Sarrafzadegan, A Khaledifar, H Roohafza, D Shafei. Evaluation of Heart Rate Reserve and Exercise Capacity in Individuals with and without metabolic syndrome in Isfahan. *Iranian Heart Journal* 2012; 13(2):40-48.
66. E Aghababaei, M Sadeghi, M Talaei, K Rabiei, N Sarraf zadegan. Is prehypertension a risk factors for cardiovascular diseases among Iranian women? *Journal of Research in Medical Sciences* 2012; 17(10): 947–951.
67. Y Khaledi, E Aghababaei, M Sadeghi, M Hashemi, H Sanei. Evaluation of heart rate reserve and high-sensitivity C-reactive protein in individuals with and without metabolic syndrome in Isfahan, Iran. *ARYA Atheroscler* 2012, 8(2): 70-75.
68. Sarrafzadegan N, Talaei M, Kelishadi R, Toghianifar N, Sadeghi M, Oveisgharan S, Kabiri P, Tavassoli A, Mohammadifard N, Thomas GN, Marshall T. 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.
69. 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. *Int J Endocrinol.* 2012; 2012: 380902. doi: 10.1155/2012/380902.
70. Talaei M, Thomas GN, Marshall T, Sadeghi M, Iranipour R, Oveisgharan S, Sarrafzadegan N. Appropriate cut-off values of waist circumference to predict cardiovascular outcomes: 7 years follow-up in an Iranian population. *Intern Med.* 2012; 51(2):139-46.
71. Haghjoo SH, Keyhanian K, Loghmani P, Samety AA, Haghdoost F, Rafiei L, Talaei M, Asgari S, Jazi MH, Sarrafzadegan N. Association between hemeoxygenase-1 gene promoter polymorphisms and metabolic syndrome in Iranians. *Mol Biol Rep.* 2012; 39(3):3355-60.
72. Talaei M, Sadeghi M, Marshall T, Thomas GN, Kabiri P, Hoseini S, Sarafzadegan N. Impact of Metabolic Syndrome on Ischemic Heart Disease. A Prospective Cohort Study in an Iranian Adult Population: Isfahan Cohort Study. *Nutr Metab Cardiovasc Dis.* 2012; 22(5):434-41.
73. Masoudkabar F, Toghianifar N, Talaie M, Sadeghi M, Sarrafzadegan N, Mohammadifard N, Marshall T, Thomas GN. Socioeconomic status and incident cardiovascular disease in

- a developing country: findings from the Isfahan cohort study (ICS). *J Public Health* 2012; 57(3):561-8. doi: 10.1007/s00038-012-0344-2.
74. 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.
75. Sarrafzadegan N, Talaei M, Sadeghi M, Kelishadi R, Oveisgharan S, Mohammadifard N, Sajjadih AR, Kabiri P, Marshall T, Thomas GN, Tavasoli A. The Isfahan cohort study: Rationale, methods and main findings. *J Hum Hypertens* 2011; 25(9):545-53.
76. Shafie, M Sadeghi, M Hashemi, M Heydarpour, M Talaei, E Aghababaei, N Sarrafzadegan. Evaluation of Heart Rate Reserve and Exercise Capacity in Individuals with and without Metabolic Syndrome. *Journal of Isfahan Medical School* 2011; 28 (115): 924-934.
77. , M Hashemi, R Heidari, M Gharipour, A Golabchi, N Sarrafzadegan. Evaluating the Relation between Metabolic Syndrome and its Components with Low Ankle to Brachial Index in an Iranian Population. *Journal of Isfahan Medical School* 2011; 28 (122): 1724-1732.
78. N Sarrafzadegan, S Asgary, N Toghianifar, M Talaei, A Tavassoli, M Boshtam, M Sadeghi. Association of Apolipoprotein-A, B and Trans Fatty Acids with Cardiovascular Events: Isfahan Cohort Study. *J of Jahrom University of Medical Sciences* 2011; 28 (124): 1967-77.
79. Hajmohammadi T, Sadeghi M, Dashti M, Hashemi M, Saadatnia M, Soghrati M, Talaei M, Sarrafzadegan N. Relationship Between Carotid Intima-Media Thickness with some Inflammatory Biomarkers, Ghrelin and Adiponectin in Iranians with and without Metabolic Syndrome in Isfahan Cohort Study. *ARYA Atheroscler* 2010; 6(2): 56–61.
80. Sabet B, Derakhshan R, Sadeghi M, Sarrafzadegan N, Derakhshan F, Hosseini Sh, Baghaei. Am, Amani A, Milani M. Two-Year Incidence of Acute Fatal and Non-Fatal Coronary Events and Stroke: Iranian Population Over 35 Years old. *ARYA Atheroscler* 2005; 1(1): 9–14.