

Curriculum Vitae



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PERSONAL INFORMATION

Name	Farzad
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Nationality	Iranian
Sex	Male
Date of birth	09/04/1967
Marriage status	Married

EDUCATION

MD. 1985-1992	Shahid Beheshti University (M.C.)
Board Certified of Internal Medicine. 1992-1995	Shahid Beheshti University (M.C.)
Board Certified of Endocrinology and metabolism. 1998-2000 Topped in the Board Exam in 2000	Shahid Beheshti University (M.C.)

PUBLICATIONS

1. Full papers

1.1. International articles

English (h Index= 45)

- 1- Asgari S, Khalili D, Azizi F, **Hadaegh F***. External validation of the American prediction model for incident type 2 diabetes in the Iranian population. *BMC Med Res Methodol.* 2023 Mar 29;23(1):77.
- 2- Kabootari M, Tamehri Zadeh SS, Hasheminia M, Azizi F, **Hadaegh F***. Change in blood pressure status defined by 2017 ACC/AHA hypertension guideline and risk of cardiovascular disease: Results of over a decade of follow-up of the Iranian population. *Frontiers in Cardiovascular Medicine.*;10:998.
- 3- Daneshpour MS*, Akbarzadeh M, Lanjanian H, Sedaghati-Khayat B, Guity K, Masjoudi S, Zahedi AS, Moazzam-Jazi M, Bonab LNH, Shalbafan B, Asgarian S, Farhood GK, Javanrooh N, Zarkesh M, Riahi P, Moghaddas MR, Dehkordi PA, Ahmadi AD, Hosseini F, Farahani SJ, **Hadaegh F**, Mirmiran P, Tehrani FR, Ghanbarian A, Pasand MSFM, Amiri P, Valizadeh M, Hosseipanah F, Tohidi M, Ghasemi A, Zadeh-Vakili A, Piryaee M, Alamdari S, Khalili D, Momenan A, Barzin M, Zeinali S, Hedayati M, Azizi F*. Cohort profile update: Tehran cardiometabolic genetic study. *Eur J Epidemiol.* 2023 Jun;38(6):699-711.
- 4- **Hadaegh F**, Abdi A, Kohansal K, Hadaegh P, Azizi F, Tohidi M*. Gender differences in the impact of 3-year status changes of metabolic syndrome and its components on incident type 2 diabetes mellitus: a decade of follow-up in the Tehran Lipid and Glucose Study. *Front Endocrinol (Lausanne).* 2023 May 25;14:1164771.
- 5- Ramezankhani A, Azizi F, Hasheminia M, **Hadaegh F***. The impact of general and central obesity for all-cause hospitalization among Iranian adults: a 20 year follow-up-results from the TLGS cohort. *BMC Public Health.* 2023 May 18;23(1):903.
- 6- Deravi N, Sharifi Y, Koohi F, Zadeh SST, Masrouri S, Azizi F, **Hadaegh F***. The association between fasting plasma glucose variability and incident eGFR decline: evidence from two cohort studies. *BMC Public Health.* 2023 Mar 27;23(1):565.
- 7- Masrouri S, Alijanzadeh D, Amiri M, Azizi F, **Hadaegh F***. Predictors of decline in kidney function in the general population: a decade of follow-up from the Tehran Lipid and Glucose Study. *Ann Med.* 2023 Dec;55(1):2216020.
- 8- NCD Risk Factor Collaboration (NCD-RisC). Diminishing benefits of urban living for children and adolescents' growth and development. *Nature.* 2023 Mar;615(7954):874-883.
- 9- Fahimfar N, Kohansal K, Asgari S, Ostovar A, **Hadaegh F**, Khalili D*. The Trend of Risk for Cardiovascular Diseases During the Past Decade in Iran, Applying No-Lab and Lab-Based Prediction Models. *Glob Heart.* 2023 Feb 10;18(1):3

- 10- Khalili D*, Khayamzadeh M, Kohansal K, Ahanchi NS, Hasheminia M, **Hadaegh F**, Tohidi M, Azizi F, Habibi-Moeini AS. Are HOMA-IR and HOMA-B good predictors for diabetes and pre-diabetes subtypes? *BMC Endocr Disord*. 2023 Feb 14;23(1):39.
- 11- Tohidi M, Asgari S, Chary A, Safiee S, Azizi F, **Hadaegh F***. Association of triglycerides to high-density lipoprotein cholesterol ratio to identify future prediabetes and type 2 diabetes mellitus: over one-decade follow-up in the Iranian population. *Diabetol Metab Syndr*. 2023 Feb 2;15(1):13.
- 12- Tamehri Zadeh SS, Khajavi A, Ramezankhani A, Azizi F, **Hadaegh F***. The impact of long-term exposure to PM10, SO2, O3, NO2, and CO on incident dysglycemia: a population-based cohort study. *Environ Sci Pollut Res Int*. 2023 Jan;30(2):3213-3221.
- 13- Ramezani Tehrani F, Rahmati M, Farzadfar F, Abedini M, Farahmand M, Hosseinpanah F, **Hadaegh F**, Torkestani F, Valizadeh M, Azizi F, Behboudi-Gandevani S*. One-step versus two-step screening for diagnosis of gestational diabetes mellitus in Iranian population: A randomized community trial. *Front Endocrinol (Lausanne)*. 2023 Feb 2;13:1039643.
- 14- Habibi D, Daneshpour MS, Asgarian S, Kohansal K, **Hadaegh F**, Mansourian M,* Akbarzadeh M*. Effect of C-reactive protein on the risk of Heart failure: a mendelian randomization study. *BMC Cardiovasc Disord*. 2023 Mar 7;23(1):112.
- 15- Ramezankhani A, Azizi F, **Hadaegh F***. Lifetime risk of cardiovascular disease stratified by traditional risk factors: findings from the cohort of Tehran Lipid and Glucose Study. *Hellenic J Cardiol*. 2023 Mar 11:S1109-9666(23)00034-9.
- 16- Asghari G, Nikparast A, Mahdavi M, Dehghan P, Valizadeh M, Hosseinpanah F, Azizi F, **Hadaegh F***. Diagnostic performance of different anthropometric indices among Iranian adolescents for intima media thickness in early adulthood: A prospective study and literature review. *Front Nutr*. 2023 Feb 28;10:1098010.
- 17- Amiri M, Ahmadi N, **Hadaegh F**, Mousavi M, Azizi F, Ramezani Tehrani F*. Does the addition of serum antimüllerian hormone concentrations to the Framingham Risk Score and Pooled Cohort Equations improve the prediction of cardiovascular disease? *Menopause*. 2023 Jan 31.
- 18- Afaghi S, Ramezankhani A, Azizi F, **Hadaegh F***. Gender-specific effect of outdoor temperature and seasonal variation on blood pressure components: a cross-sectional study on Iranian adults from 2015 to 2018. *Environ Sci Pollut Res Int*. 2023 Feb 8.
- 19- Masrouri S, Cheraghi L, Deravi N, Cheraghloo N, Tohidi M, Azizi F, **Hadaegh F***. Mean versus variability of lipid measurements over 6 years and incident cardiovascular events: More than a decade follow-up. *Front Cardiovasc Med*. 2022 Dec 9;9:1065528
- 20- Ramezankhani A, Azizi F, **Hadaegh F***. Gender differences in changes in metabolic syndrome status and its components and risk of cardiovascular disease: a longitudinal cohort study. *Cardiovasc Diabetol*. 2022 Nov 2;21(1):227.
- 21- Kohansal K, Ahmadi N, **Hadaegh F**, Alizadeh Z, Azizi F, Habibi-Moeini AS*, Khalili D*. Determinants of the progression to type 2 diabetes and regression to normoglycemia in people with pre-diabetes: A population-based cohort study over ten years. *Prim Care Diabetes*. 2022 Dec;16(6):797-803.
- 22- Matsushita K, Kaptoge S, Hageman SH, Sang Y, Ballew SH, Grams ME, Surapaneni A, Sun L, Arnlov J, Bozic M, Brenner H, Brunskill NJ, Chang AR, Chinnadurai R, Cirillo M, Correa A, Ebert N, Eckardt KU, Gansevoort RT, Gutierrez O, **Hadaegh F**, He J, Hwang SJ, Jafar TH, Jassal SK, Kayama T, Kovesdy CP, Landman GW, Levey AS, Lloyd-Jones DM, Major RW, Miura K, Muntner P, Nadkarni GN, Nowak C, Ohkubo T, Pena MJ, Polkinghorne KR, Sairenchi T, Schaeffner E, Schneider MP, Shalev V, Shlipak MG, Solbu MD, Stempniewicz N, Tollitt J, Valdivielso JM, van der Leeuw J, Wang AYM, Wen CP, Woodward M, Yamagishi K, Yatsuya H, Zhang L, Dorresteijn JA, Di Angelantonio E, Visseren FL, Pennells L, Coresh J; Chronic Kidney Disease Prognosis Consortium. Including Measures of Chronic Kidney Disease to

- Improve Cardiovascular Risk Prediction by SCORE2 and SCORE2-OP. *Eur J Prev Cardiol.* 2023 Jan 11;30(1):8-16.
- 23- Tamehri Zadeh SS, Moazzeni SS, Asgari S, Mirbolouk M, Azizi F, **Hadaegh F***. Association between Wrist Circumference and Risk of Any Fracture in Adults: Findings from 15 Years of Follow-Up in the Tehran Lipid and Glucose Study. *J Clin Med.* 2022 Nov 29;11(23):7048.
 - 24- Moazzeni SS, Dehghani S, Hasheminia M, Hizomi Arani R, Azizi F, **Hadaegh F***. Three-year change in glyceimic state and the future risk of incident hypertension among Iranian adults: Tehran Lipid and Glucose Study. *J Hum Hypertens.* 2022 Dec 6.
 - 25- Asgari S, Masrouri S, Khalili D, Azizi F, **Hadaegh F***. Differences in the impact of impaired glucose status on clinical outcomes in younger and older adults: Over a decade of follow-up in the Tehran lipid and glucose study. *Front Cardiovasc Med.* 2022 Oct 31;9:1018403.
 - 26- Kohansal K, Masrouri S, Khalili D, Ramezankhani A, Azizi F, Blaha MJ, **Hadaegh F***. Changes in Fasting plasma glucose status and risk of mortality events in individuals without diabetes over two decades of Follow-up: a pooled cohort analysis. *Cardiovasc Diabetol.* 2022 Dec 3;21(1):267.
 - 27- Masrouri S, Moazzeni SS, Cheraghloo N, Azizi F, **Hadaegh F***. The clinical value of metabolic syndrome and its components with respect to sudden cardiac death using different definitions: Two decades of follow-up from the Tehran Lipid and Glucose Study. *Cardiovasc Diabetol.* 2022 Dec 3;21(1):269.
 - 28- Rasooli R, Ramezankhani A, Khalili D, Tohidi M, Hasheminia M, Azizi F, **Hadaegh F***. The relationship between glucose intolerance status and risk of hospitalization during two decades of follow-up: Tehran lipid and glucose study. *Ann Med.* 2022 Dec;54(1):3258-3268.
 - 29- Alizadeh Z, Baradaran HR*, Kohansal K, **Hadaegh F**, Azizi F, Khalili D*. Are the determinants of the progression to type 2 diabetes and regression to normoglycemia in the populations with pre-diabetes the same?. *Frontiers in Endocrinology.* 2022 Oct
 - 30- Hosseinpour-Niazi S, Mirmiran P*, Hosseini S, **Hadaegh F**, Ainy E, Daneshpour MS, Azizi F. Effect of TCF7L2 on the relationship between lifestyle factors and glyceimic parameters: a systematic review. *Nutr J.* 2022 Sep 26;21(1):59
 - 31- Hosseinpour-Niazi S, Mirmiran P*, **Hadaegh F**, Daneshpour MS, Hedayati M, Azizi F. The effect of TCF7L2 polymorphisms on inflammatory markers after 16 weeks of legume-based dietary approach to stop hypertension (DASH) diet versus a standard DASH diet: a randomised controlled trial. *Nutr Metab (Lond).* 2022 May 18;19(1):35
 - 32- Deravi N, Moazzeni SS, Hasheminia M, Hizomi Arani R, Azizi F, **Hadaegh F***. Three-year weight change and risk of all-cause, cardiovascular, and cancer mortality among Iranian adults: over a decade of follow-up in the Tehran Lipid and Glucose Study. *BMC Public Health.* 2022 Sep 16;22(1):1762.
 - 33- **Hadaegh F***, Hosseinpour-Niazi S, Deravi N, Hasheminia M, Moslehi N, Toreyhi H, Azizi F. Ideal cardiovascular health status and risk of cardiovascular disease and all-cause mortality: over a decade of follow-up in the Tehran lipid and glucose study. *Front Cardiovasc Med.* 2022 Aug 4;9:898681.
 - 34- Tohidi M, Asgari S, Chary A, Azizi F, **Hadaegh F***. The association between low-density and non-high-density lipoprotein cholesterol with incident cardiovascular disease among low-risk Iranians during 2 decades follow-up. *Clin Biochem.* 2022 Aug 12:S0009-9120(22)00196-5
 - 35- Tamehri Zadeh SS, Khajavi A, Ramezankhani A, Azizi F, **Hadaegh F***. The impact of long-term exposure to PM10, SO2, O3, NO2, and CO on incident dysglycemia: a population-based cohort study. *Environ Sci Pollut Res Int.* 2022 Aug 9.
 - 36- Ramezankhani A, Habibi-Moeini AS, Zadeh SST, Azizi F, **Hadaegh F***. Effect of family history of diabetes and obesity status on lifetime risk of type 2 diabetes in the Iranian population. *J Glob Health.* 2022 Aug 9;12:04068

- 37- Asghari G, Mirmiran P*, Rezaeemanesh A, Mahdavi M, Azizi F, **Hadaegh F***. Changes in ideal cardiovascular health among Iranian adolescents: 2007-2008 to 2015-2017. *BMC Pediatr.* 2022 Jul 26;22(1):450.
- 38- Sheklabadi E, Sharifi Y, Tabarrae M, Tamehrizadeh SS, Rabiee P, **Hadaegh F***. Adrenal hemorrhage following direct oral anticoagulant (DOAC) therapy: two case reports and literature review. *Thromb J.* 2022 Jul 5;20(1):39.
- 39- Asgari S, Masrouri S, Hosseinpour-Niazi S, Moslehi N, Azizi F, **Hadaegh F***. Association of ideal cardiovascular health metrics and incident type 2 diabetes mellitus among an urban population of Iran: One decade follow up in the Tehran Lipid and Glucose Study. *J Diabetes Investig.* 2022 May 19.
- 40- Ramezani Tehrani F*, Behboudi-Gandevani S, Farzadfar F, Hosseinpanah F, **Hadaegh F**, Khalili D, Soleymani-Dodaran M, Valizadeh M, Abedini M, Rahmati M, Bidhendi Yarandi R, Torkestani F, Abdollahi Z, Bakhshandeh M, Zokaei M, Amiri M, Bidarpour F, Javanbakht M, Nabipour I, Nasli Esfahani E, Ostovar A, Azizi F. A Cluster Randomized Noninferiority Field Trial of Gestational Diabetes Mellitus Screening. *J Clin Endocrinol Metab.* 2022 Jun 16;107(7):e2906-e2920.
- 41- Hosseinpour-Niazi S, **Hadaegh F**, Mirmiran P*, Daneshpour MS, Mahdavi M, Azizi F. Effect of legumes in energy reduced dietary approaches to stop hypertension (DASH) diet on blood pressure among overweight and obese type 2 diabetic patients: a randomized controlled trial. *Diabetol Metab Syndr.* 2022 May 13;14(1):72.
- 42- Chavoshi V, Barzin M, Ebadinejad A, Dehghan P, Momeni Moghaddam A, Mahdavi M, **Hadaegh F**, Niroomand M, Valizadeh M, Azizi F, Mirmiran P, Hosseinpanah F*. Association of ideal cardiovascular health with carotid intima-media thickness (cIMT) in a young adult population. *Sci Rep.* 2022 Jun 16;12(1):10056
- 43- Chavoshi V, Tamehri Zadeh SS, Khalili S, Rabbani A, Matini SAH, Mohsenifar Z, **Hadaegh F***. Long delay in diagnosis of a case with MEN1 due to concomitant presence of AIMAH with insulinoma: a case report and literature review. *BMC Endocr Disord.* 2022 Apr 21;22(1):108.
- 44- Asgari S, Khalili D, Mehrabi Y, **Hadaegh F***. Letter to the Editor Regarding “Nationwide Prevalence of Diabetes and Prediabetes and Associated Risk Factors Among Iranian Adults: Analysis of Data from PERSIAN Cohort Study”. *Diabetes Therapy.* 2022 Jan;13(1):217-219.
- 45- Fahimfar N, Fotouhi A, Mansournia MA, Malekzadeh R, Sarrafzadegan N, Azizi F, Mansourian M, Sepanlou SG, Emamian MH, **Hadaegh F**, Roohafza H, Hashemi H, Poustchi H, Pourshams A, Samavat T, Sharafkhah M, Talaei M, Van Klaveren D, Steyerberg EW, Khalili D*. Prediction of Cardiovascular Disease Mortality in a Middle Eastern Country: Performance of the Globorisk and Score Functions in Four Population-Based Cohort Studies of Iran. *Int J Health Policy Manag.* 2022 Feb 1;11(2):210-217
- 46- Hosseinpour-Niazi S, Mirmiran P*, **Hadaegh F**, Mahdavi M, Khalili D, Daneshpour MS, Momenan AA, Azizi F. Improvement of glycemic indices by a hypocaloric legume-based DASH diet in adults with type 2 diabetes: a randomized controlled trial. *Eur J Nutr.* 2022 Mar 26
- 47- Fahimfar N, Malekzadeh R, Fotouhi A*, Mansournia MA, Sarrafzadegan N, Azizi F, Sepanlou SG, Mansourian M, **Hadaegh F**, Emamian MH, Poustchi H, Talaei M, Pourshams A, Roohafza H, Sharafkhah M, Samavat T, Lotfaliany M, Steyerberg EW, Khalili D. An office-based cardiovascular prediction model developed and validated in cohort studies of a middle-income country. *J Clin Epidemiol.* 2022 Dec 14.
- 48- Tamehri Zadeh SS, Moazzeni SS, Matsushita K, Hasheminia M, Azizi F, **Hadaegh F***. Application of the 2017 American college of cardiology/American Heart Association Blood Pressure Guidelines for cardiovascular outcomes among Tehranian residents. *J Hypertens.* 2022 Feb

- 49- Tohidi M, Barzegar N*, Hasheminia M, Azizi F, **Hadaegh F***. Association of different lipid measures with incident bone fractures: Tehran lipid and glucose study. *Postgrad Med.* 2022 Apr;134(3):326-332
- 50- Ramezankhani A, Parizadeh D, Azizi F, **Hadaegh F***. Sex differences in the association between diabetes and hypertension and the risk of stroke: cohort of the Tehran Lipid and Glucose Study. *Biol Sex Differ.* 2022 Mar 15;13(1)
- 51- Sardarinia M, Asgari S, Hizomi Arani R, Eskandari F, Azizi F, Khalili D, **Hadaegh F***. Incidence and risk factors of severe non-proliferative/proliferative diabetic retinopathy: More than a decade follow-up in Tehran Lipids and Glucose Study. *Journal of Diabetes Investigation.* 2022 Feb;13(2):317-327
- 52- Bakhtiyari M, Kazemian E, Kabir K, **Hadaegh F***, Aghajanian S, Mardi P, Ghahfarokhi NT, Ghanbari A, Mansournia MA, Azizi F. Contribution of obesity and cardiometabolic risk factors in developing cardiovascular disease: a population-based cohort study. *Sci Rep.* 2022 Jan 28;12(1):1544.
- 53- Kabootari M, Habibi Tirtashi R, Hasheminia M, Bozorgmanesh M, Khalili D, Akbari H, Roshandel G, **Hadaegh F.*** Clinical features, risk factors and a prediction model for in-hospital mortality among diabetic patients infected with COVID-19: data from a referral centre in Iran. *Public Health.* 2022 Jan;202:84-92
- 54- Khalili D, **Hadaegh F**, Pirzadeh M, Azizi F. Polypill's cardiovascular and non-cardiovascular mortalities. *J Diabetes Metab Disord.* 2021 Oct 13;20(2):2133-2134. Letter
- 55- Mousapour P., Barzin M., Valizadeh M., Mahdavi M., **Hadaegh F.**, Azizi F., Hosseinpanah F*. Wrist circumference as a novel predictor of transition from metabolically healthy to unhealthy phenotype in overweight/obese adults: a gender-stratified 15.5-year follow-up. *BMC Public Health.* 2021;21:2267
- 56- Hadaegh A, Akbarpour S, Tohidi M*, Barzegar N, Hosseinpour-Niazi S, Azizi F, **Hadaegh F**. The role of different lipid measures for incident hypertension during more than 12 years follow-up: Tehran Lipid and Glucose Study. *British Journal of Nutrition.* 2021 Nov 23:1-32.
- 57- NCD Risk Factor Collaboration (NCD-RisC) **Hadaegh F.**, Khalili D., Worldwide trends in hypertension prevalence and progress in treatment and control from 1990 to 2019: a pooled analysis of 1201 population-representative studies with 104 million participants. *Lancet.* 2021 Sep 11;398(10304):957-980.
- 58- Koochi F, Ahmadi N, **Hadaegh F**, Safiee S, Azizi F, Khalili D*. Trajectories of cardiovascular disease risk and their association with the incidence of cardiovascular events over 18 years of follow-up: The Tehran Lipid and Glucose study. *J Transl Med.* 2021 Jul 16;19(1):309.
- 59- Koochi F, Khalili D, Mansournia MA, **Hadaegh F**, Soori H*. Multi-trajectories of lipid indices with incident cardiovascular disease, heart failure, and all-cause mortality: 23 years follow-up of two US cohort studies. *J Transl Med.* 2021 Jul 3;19(1):286
- 60- Nosratzehi S, Tasdighi E, **Hadaegh F**, Khalili D, Mahdavi M, Valizadeh M*. Contribution of obesity in increasing type 2 diabetes prevalence in Iranian urban and rural adults during recent decade. *Prim Care Diabetes.* 2021 Aug 2:S1751-9918(21)00123-6.
- 61- Ramezankhani A, Azizi F, Momenan AA, **Hadaegh F***. Sex Differences in Cumulative Exposure to Metabolic Risk Factors Before Hypertension Onset: The Cohort of the Tehran Lipid and Glucose Study. *J Am Heart Assoc.* 2021 Nov 15:e021922.
- 62- Moazzeni SS, Asgari S, Azizi F, **Hadaegh F.** * Live birth/parity number and the risk of incident hypertension among parous women during over 13 years of follow-up. *J Clin Hypertens (Greenwich).* 2021 Oct 17.

- 63- Moazzeni SS, Hizomi Arani R, Asgari S, Azizi F, **Hadaegh F.*** The association of parity/live birth number with incident type 2 diabetes among women: over 15 years of follow-up in The Tehran Lipid and Glucose Study. *BMC Womens Health*. 2021 Oct 29;21(1):378.
- 64- Zahedi M, Hizomi Arani R, Rafati M, Amouzegar A, **Hadaegh F.*** Persistent hypercalcemia with similar familial Hypocalciuric hypercalcemia features: a case report and literature review. *BMC Endocr Disord*. 2021 Nov 4;21(1):220. (**Case reports**)
- 65- Asgari S, Khalili D*, Zayeri F, Azizi F, **Hadaegh F.** Dynamic prediction models improved the risk classification of type 2 diabetes compared with classical static models. *J Clin Epidemiol*. 2021 Aug 26:S0895-4356(21)00271-7.
- 66- Barzegar N, Ramezankhani A, Tohidi M, Azizi F, **Hadaegh F.*** Long-term glucose variability and incident cardiovascular diseases and all-cause mortality events in subjects with and without diabetes: Tehran Lipid and Glucose Study. *Diabetes Res Clin Pract*. 2021 Jul 8;178:108942.
- 67- Moazzeni SS, Tamehri Zadeh SS, Asgari S, Azizi F, **Hadaegh F.*** Anthropometric indices and the risk of incident sudden cardiac death among adults with and without diabetes: over 15 years of follow-up in The Tehran Lipid and Glucose Study. *Diabetol Metab Syndr*. 2021 Jul 28;13(1):82.
- 68- Toreyhi H, Asgari S, Khalili D, Pishgahi M, Azizi F, **Hadaegh F.*** Sudden cardiac death among Iranian population: a two decades follow-up of Tehran lipid and glucose study. *Sci Rep*. 2021 Aug 3;11(1):15720.
- 69- Moazzeni SS, Hizomi Arani R, Deravi N, Hasheminia M, Khalili D, Azizi F, **Hadaegh F.*** Weight change and risk of cardiovascular disease among adults with type 2 diabetes: more than 14 years of follow-up in the Tehran Lipid and Glucose Study. *Cardiovasc Diabetol*. 2021 Jul 12;20(1):141.
- 70- Kabootari M, Asgari S, Ghavam SM, Abdi H, Azizi F, **Hadaegh F.*** Long term prognostic implication of newly detected abnormal glucose tolerance among patients with stable cardiovascular disease: a population-based cohort study. *J Transl Med*. 2021 Jun 30;19(1):277.
- 71- Lotfaliany M, **Hadaegh F**, Mansournia MA, Azizi F, Oldenburg B, Khalili D*. Performance of Stepwise Screening Methods in Identifying Individuals at High Risk of Type 2 Diabetes in an Iranian Population. *Int J Health Policy Manag*. 2021 May 5.
- 72- Kolifarhood G, Sabour S, Akbarzadeh M, Sedaghati-Khayat B, Guity K, Rasekhi Dehkordi S, Amiri Roudbar M, **Hadaegh F**, Azizi F, Daneshpour MS*. Genome-wide association study on blood pressure traits in the Iranian population suggests ZBED9 as a new locus for hypertension. *Sci Rep*. 2021 Jun 3;11(1):11699.
- 73- Barzegar N, Tohidi M*, Ghodssi-Ghassemabadi R, Amiri P, Azizi F, **Hadaegh F.** Impact of educational level on incident chronic kidney disease during 13 years of follow-up: a prospective cohort study. *Public Health*. 2021 May 30;195:98-104.
- 74- Vahidi M, Asgari S, Tohidi M*, Azizi F, **Hadaegh F.** Macrosomia is a risk factor for incident maternal chronic kidney disease. *BMC Pregnancy Childbirth*. 2021 Mar 16;21(1):210.
- 75- Amouzegar A, Asgari S, Azizi F, Momenan AA, Bozorgmanesh M, **Hadaegh F.*** The Role of Metabolic Syndrome and its Components in Incident Fracture: A 15-Year Follow-Up Among the Iranian Population. *J Clin Endocrinol Metab*. 2021 Apr 23;106(5):e1968-e1983.
- 76- Kolifarhood G, Daneshpour MS, Zahedi AS, Khosravi N, Sedaghati-Khayat B, Guity K, Rasekhi Dehkordi S, Amiri Roudbar M, Ghanbari F, **Hadaegh F**, Azizi F, Akbarzadeh M.* Familial genetic and environmental risk profile and high blood pressure event: a prospective cohort of cardio-metabolic and genetic study. *Blood Pressure*. 2021 Mar 31:1-9.
- 77- Khajavi A, Zayeri F, Ramezankhani A, Nazari A, Azizi F, **Hadaegh F.*** Age and aging effects on blood pressure: 15 years follow-up of Tehran lipid and glucose study. *J Clin Hypertens (Greenwich)*. 2021 Mar 15.

- 78- Moazzeni SS, Arani RH, Hasheminia M, Tohidi M, Azizi F, **Hadaegh F***. High Incidence of Chronic Kidney Disease among Iranian Diabetic Adults: Using CKD-EPI and MDRD Equations for Estimated Glomerular Filtration Rate. *Diabetes and Metabolism Journal*. 2021 Mar 16. EPUB
- 79- **Hadaegh F***, Asgari S, Toreyhi H, Eskandari F, Fahimfar N, Bozorgmanesh M, Hosseinpanah F, Azizi F. Sex-specific incidence rates and risk factors for fracture: A 16-year follow-up from the Tehran lipid and glucose study. *Bone*. 2021 May 1;146:115869.
- 80- Khajavi A, Zadeh SS, Azizi F, Brook RD, Abdi H, Zayeri F, **Hadaegh F***. Impact of short-and long-term exposure to air pollution on blood pressure: A two-decade population-based study in Tehran. *International Journal of Hygiene and Environmental Health*. 2021 May 1;234:113719.
- 81- Erfanpoor S, Etemad K, Kazempour S, **Hadaegh F**, Hasani J, Azizi F, Parizadeh D, Khalili D*. Diabetes, Hypertension, and Incidence of Chronic Kidney Disease: Is There any Multiplicative or Additive Interaction?. *International Journal of Endocrinology and Metabolism*. 2021 Jan 31;19(1).
- 82- NCD Risk Factor Collaboration. **Dr. Hadegeh-** Dr. Khalili. Heterogeneous contributions of change in population distribution of body mass index to change in obesity and underweight. *Elife*. 2021 Mar 9;10:e60060.
- 83- Ahanchi NS, Tamehri Zadeh SS, Khalili D, Azizi F, **Hadaegh F.*** Sex specific trajectories of central adiposity, lipid indices, and glucose level with incident hypertension: 12 years Follow-up in Tehran lipid and glucose study. *J Transl Med*. 2021 Feb 23;19(1):84
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2. Abstracts

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- Progression from optimal blood glucose and pre-diabetes to type 2 diabetes in a high risk population with or without hypertension
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- Cardiovascular Risk Prediction Model for Omani Type 2 Diabetics (2016)
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- Identifying isolated impaired glucose tolerance: a new clinical prediction model
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- Elevated triglyceride-glucose index predicts the risk of incident ischemic stroke: The Rural Chinese Cohort Study (2021)
24. **Scientific Reports**
- Healthy lifestyle behaviors and control of hypertension among adult hypertensive patients (2018)
- Longitudinal change in fasting plasma glucose is associated with risk of mortality in a Chinese cohort (2018)
25. **Clinical Epidemiology**
- Prevalence, incidence and mortality of stroke in Shandong, East China in 2012-2013 (2017)
- Saving of life-years from prevention of cardiovascular events in patients with diabetes and/or end-stage renal disease -- Adjustment for lead time bias in real world data (2018)
26. **British Journal of Sports Medicine**
- Does Physical Activity Less Than the Recommended Amount Prevent Cardiovascular Disease Risk Factors? A Large Prospective Cohort Study (2018)
- Changes in physical activity and adiposity over time with all-cause, cardiovascular disease, and cancer mortality (2021)
27. **Annals of Epidemiology**
Do hips lie? anthropometric predictors of diabetes in China (2018)
28. **The Journal of Clinical Hypertension**
METS-IR, a novel non-insulin-based insulin resistance indexes, is associated with hypertension in normal-weight Chinese adults. (2019)
29. **Diabetic Medicine**
Prediction of 5-year risk of diabetes mellitus in relatively low risk middle-aged and elderly adults. (2019)
30. **Frontiers Endocrinology**
Relationship of Waist Circumference to Adverse Events Among Patients with Type 2 Diabetes Mellitus: Insights from the ACCORD study. (2019)

31. **Journal of Medical Internet Research**
Detecting Lifestyle Risk Factors for Chronic Kidney Disease with Comorbidities: An Association Rule Mining Analysis of a Web-Based Survey Data. (2019)
32. **WIREs Data Mining and Knowledge Discovery**
Subgroup identification for precision medicine: a comparative review of thirteen methods. (2019)
33. **GLOBAL HEART**
Sex-specific association of blood pressure categories with total and premature cardiovascular disease mortality: The Rural Chinese Cohort Study. (2019)
34. **Environmental Science and Pollution Research**
Sandstorm weather is a risk factor for mortality in ischemic heart disease in Hexi Corridor, Northwestern China (2020)
35. **Journal of Diabetes & Metabolic Disorders**
- Investigating the Demographic Characteristics and Pathological Manifestations of Thyroid Cancer during the Last Two Decades (1997-2017) in Patients Referred to Baqiyatallah Hospital, Tehran, Iran
36. **BONE**
- Fasting glucose level and the risk of incident osteoporosis in the elderly Korean women
Bone (2020)
37. **International Journal of Obesity**
- Association between metabolically healthy obesity/overweight and cardiovascular disease risk: A representative cohort study in Taiwan(2020)
38. **Science of the Total Environment**
- Effects of ambient air pollutants on hospital admissions and deaths for cardiovascular diseases: A time series analysis in Tehran (2021)
- Acute ambulatory blood pressure response to short-term black carbon exposure: the MobiliSense sensor-based study(2022)
39. **Environmental Science and Pollution Research**
- Sandstorm weather is a risk factor for mortality in ischemic heart disease patients in the Hexi Corridor, northwestern China (2021)
40. **Diabetes, Obesity and Metabolism**

- Lower risk of death and cardiovascular events in unselected Type 2 Diabetes patients initiated on GLP-1 receptor agonists and SGLT-2 inhibitors in two large Italian cohorts (2020)
- Association of distinct γ -glutamyltransferase trajectories with incident hyperglycemia using latent class growth mixture modeling: A longitudinal cohort study of Chinese adults (2021)

41. **Cardiovascular Diabetology**

- Impact of pregnancy on the trajectories of cardiovascular risk factors in women with and without gestational diabetes (2021)
- Longitudinal triglyceride-glucose index trajectory and arterial stiffness: results from Hanzhong Adolescent Hypertension Cohort Study (2021)
- High triglyceride-glucose index in young adulthood is associated with incident cardiovascular disease and mortality in later life: insight from the CARDIA Study (2022)

42. **Diabetologia**

- Health Impact of Seven Herpesviruses on (Pre)Diabetes Incidence and HbA1c – Results from the KORA Cohort (2022)

43. **Mayo Clinic Proceedings**

- Circulating metabolic biomarkers and risk of new-onset hypertension: a prospective study in the UK Biobank (2023)

44. **Iranian Journal of Endocrinology and Metabolism [Persian]**

- Over-view the effects and side effects of Sitagliptin in patients with DM type 2 in Iran
- Evaluate the predictive power of abdominal volume index compared with other anthropometric indices and their relationship with risk factors of coronary artery disease

45. **International Journal of Endocrinology and Metabolism [English]**

- Lipid abnormalities in patients with hypothyroidism compared with euthyroid controls: effect of levothyroxin replacement therapy.
- Effect of protein isoflavones on serum lipids, lipoprotein profile and blood sugar of hypercholesterolemic rabbit.
- Effect of purified omega-3 fatty acid on serum lipoproteins, Apo B-100, Apo A-I, lipid peroxidation and glycemic control in non-insulin dependent diabetes mellitus (NIDDM) patients.
- The effect of pioglitazone on adiposity, adiponectin and carotid artery intimal thickness in obese but otherwise healthy minority subjects
- The effect of ginger (*Zingiber officinale*) on oxidative stress status in small intestine of diabetic rats.
- Prevalence and extent of glycemic excursions in well controlled patients with type 2 diabetes mellitus using continuous glucose monitoring system.
- Evaluation of effectiveness of local insulin injection in none insulin depend diabetic patient with carpal tunnel syndrome.

- TZD Therapy & NT-proBNP levels
- Glycemic control of patients with type 2 diabetes mellitus in Saudi community.
- To determine the effect of alpha - lipoic acid on blood pressure in type 2 diabetic patients.
- Relationship of anthropometric indicators with blood pressure levels in Shiraz urban population.
- Relation between secretory status of growth hormone (GH), serum concentration of insulin-like growth factor (IGF-I), and insulin-like growth factor binding protein 3 (IGFBP3) with bone mineral density (BMD) in postmenopausal women
- Medroxyprogesterone acetate and progesterone do not adversely affect forearm reactive hyperemia in postmenopausal women on estradiol therapy.
- The effect of the change in the definition of type 2 diabetes
- Dyslipidemia and its associated factors in patients with type 2 diabetes mellitus
- A Comparison between Efficiency of Anthropometric Indices in Diagnosis of Metabolic Syndrome among Adult Population Members of Ahvaz
- The relation between plasma leptin levels, carotid intima media thickness and severity of obstructive sleep apnea
- Fasting and Second-Hour Insulin Levels After 75 Grams OGTT in the Early Pregnancy Predicts Development of Gestational Diabetes
- Repaglinide versus Sulfonylurea in type 2-diabetic patient during the month of Ramadan
- Management of diabetes in the elderly: Is Canagliflozin the answer?
- Impact of Plasma Glucose Level at the Time of FDG Administration on the Accuracy of FDG-PET/CT in the Diagnosis of Pancreatic Lesions
- Ability of insulin related biomarkers to predict the risk of metabolic syndrome.
- Thyroid disorders and lipid levels in a community based study: Tehran Thyroid study (TTS)
- A Case of Insulinoma with provoked seizures since 14 years ago: A Case Report
- Association of Hypertriglyceridemic-Waist Phenotype with Liver Enzymes and Cardiometabolic Risk Factors in Children and Adolescents: the CASPIAN-III Study
- Metformin and intravascular contrast media: what to do in patients receiving both.
- The Suitability of Triglyceride Glucose Index (TyG Index) and Homeostatic Model Assessment for Insulin Resistance (Homa-IR) in Non-Diabetic Subjects of Adult Indonesian Males (2020)
- Treatment outcomes of graded dose of empagliflozin (10mg vs. 12.5mg vs 25mg) in type-2 diabetes: A real world study (2020)

AWARDS

- 1- Distinguished Professor (Clinical Medicine) in 22th (2021) Festival of Shahid Beheshti University of Medical Sciences.
- 2- Faculty member with h Index of 28 or higher (≥ 28) & Total Citation ≥ 1000 in 22th Festival of Shahid Beheshti University of Medical Sciences (2021)
- 3- 3rd Rank in Health and clinical sciences committee, 26th Razi Research Festival on Medical Sciences (2020)
- 4- Faculty member with h Index of 25 or higher (≥ 25) & Total Citation ≥ 1000 in 21th Festival of Shahid Beheshti University of Medical Sciences (2020)
- 5- Faculty member with h Index of 25 or higher (≥ 25) & Total Citation ≥ 1000 in 20th Festival of Shahid Beheshti University of Medical Sciences (2019)
- 6- Top Researcher in Diabetes Research- Iranian Diabetes Academy (2019)
- 7- Faculty member with h Index of 20 or higher (≥ 20) & Total Citation ≥ 1000 in 19th Festival of Shahid Beheshti University of Medical Sciences (2018)
- 8- Faculty member with h Index of 20 or higher (≥ 20) & Total Citation ≥ 1000 in 18th Festival of Shahid Beheshti University of Medical Sciences (2017)
- 9- Distinguished Professor (Clinical Medicine) in 16th (2015) Festival of Shahid Beheshti University of Medical Sciences.
- 10- Outstanding Researcher in Endocrinology and Metabolism (Avicenna Prize) in 10th International Congress of Endocrine Disorders (2014)
- 11- Faculty member with H Index of 15 or higher (≥ 15) in 14th Festival of Shahid Beheshti University of Medical Sciences (2013)
- 12- National Distinguished Researcher, 13th Acknowledgement of Distinguished Researchers and Technologists Festival (2012)
- 13- 2nd Rank in 17th (2011), Expert Committee of Clinical and Internal Sciences, Razi Research Festival on Medical Sciences
- 14- 4th Rank in 16th (2010), Expert Committee of Clinical and Internal Sciences, Razi Research Festival on Medical Sciences
- 15- Distinguished Associate Professor in 12th (2011) Festival of Shahid Beheshti University of Medical Sciences
- 16- Distinguished Associate Professor in 9th (2008) Festival of Shahid Beheshti University of Medical Sciences

TEACHING

1. Teaching Diabetes and Lipid Courses to Medical Students.