

Curriculum Vitae

Mohamad Talaei, MD MPH

Saw Swee Hock School of Public Health, National University of Singapore, 16 Medical Drive, Singapore 117597

Personal Information

First name: Mohammad
Surname: Talaei Pashiri
Nationality: Iranian
Birth date: 12 March 1979
Address: Saw Swee Hock School of Public Health,
National University of Singapore,
16 Medical Drive, Singapore 117597
Tel: +983116302422
Email: talaei@med.mui.ac.ir
mtalaei@gmail.com

Research interest

- Epidemiology of cardiovascular diseases and their risk factors, nutritional epidemiology, metabolic syndrome, clinical trials.

Personal profile

- An enthusiastic, focused and professional physician researcher who enjoys being part of a productive team, comfortable within both office and academic environments. Able to work well on own initiative and can demonstrate the high levels of motivation required to meet the standards needed in health field. This candidate also has over 9 years research experience including planning research design, data collection, data management, data analysis and drafting manuscript.

Training and Education

- Since Aug 2013, PhD student at National University of Singapore, Singapore.
- 2012, Modeling Workshop, Medical Education Development Center, Isfahan University of Medical Sciences, Iran.
- 2009-2010, Master in Public Health (MPH), University of Birmingham, UK.

The passed modules include healthcare evaluation and needs assessment, advanced applied epidemiology, advanced statistical methods, health promotion and clinical Trials. The title of dissertation was "Appropriate cutoff values of waist circumference to predict cardiovascular outcomes: 7 years follow-up in an Iranian population". The MPH degree was awarded with merit.

- 1997-2004, Doctor of Medicine MD, School of Medical, Isfahan University of Medical Sciences, Iran (Awarded permanent license to practice medicine in Iran).
- 1997, Diploma in HARATI high school, Isfahan, Iran (with average score of 19.1 out of 20).

Practical Experience

- Since 2004, director of Isfahan Cohort Study (ICS).
- 2005-2008, director of Data Entering and Data Management Unit in Isfahan Healthy Heart Program.
- 2007-2008, carrying out the study entitled "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" (Co-Principle investigator- Not published yet).

- 2005-2006, member of Research Methodology Committee in Isfahan Cardiovascular Research Center (Criticizing and revising 52 proposals and research projects) and member of scientific committee of Isfahan Healthy Heart Program (improving questionnaire, designing sampling plan, and designing EPI data entering forms for annual surveys).
- 2002-2004, internal manager of Isfahan Medical Student's Research Center (IMSRC), affiliated research committee to Vice Chancellor office for Research Affairs, Isfahan University of Medical Sciences.
- 2001-2004, designing and holding workshops for medical students, residents and faculty members (Medical research methodology, Biostatistics).
- 2001-2002, director of Education Unit of Isfahan Medical Student's Research Center (IMSRC).
- 1998-2000, chief Editor of Pejvak journal, a medical students' periodical which was published for 10 issues.

Employment

- Since 2004, Isfahan Cardiovascular Research Center, WHO Collaborative Center, Isfahan University of Medical Sciences, Isfahan, Iran. **(Affiliation)**
- Since 2008, English and scientific editor of Medical Journals-Farzanegan Radandish Co.
- Since 2011, Responsible for R&D Unit in Farzanegan Radandish Co. (Scientific Publisher)
- 2007, Screen physician in emergency center- Noor University Hospital.
- 2004-2006, General Practitioner, Barchoon and Diziche – rural and urban family clinic – Health Network of Mobarake, Mobarake, Isfahan Province, Iran.

Congress

- MedicRes world congress on “Good Medical Research”, Vienna 2012. Participation.
- European Society of Cardiology (ESC) congress, Paris 2011. Poster presentation (P4768): Hypertension, the strongest risk factor for CVD events and mortality in an Iranian population: Isfahan cohort study. **Citation:** European Heart Journal 2011;Vol.32(Abstract Supplement):845
- The First Congress on Prevention, Diagnosis & Management of Hypertension, Isfahan 2011. Oral Presentation: Hypertension, the strongest risk factor for CVD events and mortality in an Iranian population: Isfahan cohort study.

Publications (Selected)

1. **Talaei M**, Sadeghi M, Mohammadifard N, Shokouh P, Oveisgharan S, Sarrafzadegan N. Incident hypertension and its predictors: the Isfahan Cohort Study. *J Hypertens*. 2014 Jan;32(1):30-8.
2. **Talaei M**, Sadeghi M, Marshall T, Thomas GN, Iranipour R, Nazarat N, Sarrafzadegan N. Anthropometric indices predicting incident type 2 diabetes in an Iranian population: The Isfahan Cohort Study. *Diabetes Metab*. 2013 Oct;39(5):424-31
3. **Talaei M**, Sarrafzadegan N, Sadeghi M, Oveisgharan S, Iranipour R, Thomas GN, Marshall T. Incidence of cardiovascular diseases in Iran: the Isfahan cohort study. *Arch Iran Med*. 2013 Mar;16(3):138-44.
4. **Talaei M**, Mohammadifard N, Khaje MR, Sarrafzadegan N, Sajjadi F, Alikhasi H, Maghroun M, Iraj F, Ehteshami S. Healthy bread initiative: methods, findings, and theories--Isfahan Healthy Heart Program. *J Health Popul Nutr*. 2013 Mar;31(1):49-57

5. Roohafza H, **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. *Arch Iran Med*. 2013 Mar;16(3):154-60.
6. 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 Atheroscler*. 2012 Winter;7(4):176-83.
7. 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.
8. 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. Epub 2012 May 20.
9. 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 Mar;59(2):154-9.
10. **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.
11. Javanmard 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 Mar;39(3):3355-60.
12. **Talaei M**, Sadeghi M, Marshall T, Thomas GN, Kabiri P, Hoseini S, Sarrafzadegan 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 May;22(5):434-41.
13. Masoudkabar F, Toghianifar N, **Talaei 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). *Int J Public Health*. 2012 Jun;57(3):561-8
14. Sarrafzadegan N, **Talaei M**, Sadeghi M, Kelishadi R, Oveisgharan S, Mohammadifard N, Sajjadih AR, Kabiri P, Marshall T, Thomas GN, Tavassoli A. The Isfahan cohort study: Rationale, methods and main findings. *J Hum Hypertens*. 2011 Sep; 25(9):545-53.
15. Heidari R, Sadeghi M, **Talaei M**, Rabiei K, Mohammadifard N, Sarrafzadegan N. Metabolic syndrome in menopausal transition: Isfahan Healthy Heart Program, a population based study. *Diabetol Metab Syndr*. 2010 Oct 5;2(1):59.
16. Roohafza H, **Talaei M**, Sadeghi M, Mackie M, Sarrafzadegan N. Association Between Acute and Chronic Life Events on Acute Coronary Syndrome: A Case-Control Study. *J Cardiovasc Nurs* 2010 Sep;25(5):E1-E7.
17. Roohafza H, Pirnia A, Sadeghi M, Toghianifar N, **Talaei M**, Ashrafi M. Impact of nurses clothing on anxiety of hospitalised children. *J Clin Nurs*. 2009 Jul;18(13):1953-9.
18. Adibi A, Kelishadi R, Beihaghi A, Salehi H, **Talaei M**. Sonographic fatty liver in overweight and obese children, a cross sectional study in Isfahan. *Endokrynol Pol* 2009 Jan;60(1):14-9.

19. Afshar H, Roohafza H, Mousavi G, Golchin S, Toghianifar N, Sadeghi M, **Talaei M**. Topiramate add-on treatment in schizophrenia: a randomised, double-blind, placebo-controlled clinical trial. *J Psychopharmacol* 2009 Mar 1;23(2):157-62.
20. Rasti M, Parvaresh E, Tavajoh S, **Talaei M**. The comparison of diphenhydramine HCl and Nedocromil sodium in prevention of abdominal postoperative adhesion formation in rat models: an experimental study. *Int J Surg*. 2007 Dec;5(6):384-7.
21. Roohafza H, Sadeghi M, Sarraf-Zadegan N, Baghaei A, Kelishadi R, Mahvash M, Firoozeh Sajjadi, Nafiseh Toghianifar, **Talaei M**. Relation between stress and other life style factors. *Stress and Health* 2007;23(1):23-9.
22. Adibi P, Faghih Imani E, **Talaei M**, Ghanei M. Population-based platelet reference values for an Iranian population. *Int J Lab Hematol*. 2007 Jun; 29(3):195-9.
23. **Talaei M**, Roohi S, Sabet B, Baghaei AM, Bahman Ziari P. Research situation among medical students: IUMSHS-2000 knowledge, attitude and practice. *J Res Med Sci* 2001; 6(2): 101-97.

Key skills

- Medical research methodology and epidemiology, biostatistics.
- Software knowledge including SPSS, STATA, EPI info, Reference Manager, Endnote MS Office.

Memberships

- 1998-2004, member of Isfahan Medical Student's Research Center.
- 2001-2003, member of Talented Students Office in Isfahan University of Medical Sciences.
- Since 2004, member of Medical Council of Iran.

Language

- Ability in reading, writing of scientific assays and fluent in speaking English.
- IELTS overall band score 6.5 in 23/Aug/2009.

References

- Nizal Sarrafzadegan MD. Professor of Medicine, Director, Isfahan Cardiovascular Research Institute, Khorram Ave, Isfahan, Iran, P.O. Box: 81465-1148 - Tel: +98 311 3377887, 3377880 Fax: +98 311 3373435. Email: nsarrafzadegan@gmail.com
- Tom Marshall MB ChB PhD. Senior Lecturer, Public Health, Epidemiology & Biostatistics, The Public Health Building, The University of Birmingham, Birmingham, UK. B15 2TT. Tel: +44 121 414 7832, Fax: +44 121 414 7878. Email: t.p.marshall@bham.ac.uk

Interests

- Movies, gardening, novels and spending time with friends and family.