

Personal Details

First name: Mohammad Reza

Surname: Maracy

Nationality: Iranian

Date of Birth: 17/09/1958

Position: Professor of Epidemiology

Address:

Department of Epidemiology and Biostatistics, School of Public Health, Isfahan University of Medical Sciences, Isfahan, Iran

Department of Community Medicine, Medical Faculty, Isfahan University of Medical Sciences, Isfahan, Iran

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Occupation:

Lecturer at the Dept. of Epidemiology and Biostatistics, School of Health, Isfahan University of Medical Science, Iran since 2005.

Education:

BSc in Mathematics at the University of Isfahan, Iran, 1986

MSc in Bio-statistics at the University of Tehran, Iran, 1994

Ph.D. Student in Epidemiology at the University of Manchester, 2004

Research Experiences:

Design and analysis in medical research

Statistical Software SPSS, STATA, Mplus...

Consultation in epidemiology and statistical design and analysis

Study to estimate efficacy in a Randomized Controlled Trial

Study to estimate burden of disease

Study of covariance model in epidemiological research

Teaching:

Clinical Trial, Epidemiology, Biostatistics, and Research methods

Professional Responsibilities include:

Member of Behavioural Sciences Research Council Research Centre (2008-2011), Member of the Health System Research-HSR(2008-2012), Member of Psychosomatic Research Council Research Centre (2009-2012), Member of the editorial board of Research in the Behavioural Sciences journal (Jan/2010 – Sep/2012), Deputy Director of the Department of Epidemiology and Biostatistics (Oct/2010 – May/2014), Member of the editorial board of research in medical sciences journal (Oct/2011 – Sep/2012), Member of Research Council Centre for Environmental Research (Jan 2011–present), Member of the Board of Directors (Feb/2014-present), Member of the the specific committee of Board of Directors (Feb/2014-present), Deputy Health Vice-chancellor (Feb/2014 – December/2014), Member of improving child health committee (Feb/2014 – Jun/2015), Working Group on the assessment and improvement of university journals (Jun/2014 – Jun/2015), Member of issuance committee (December/2014 –present), Member of clinical research committee (January 2017-present), Head of editorial statistic section of IJNMR (January 2017-present), Director of the Department of Epidemiology and Biostatistics(2017- present), Head of school of Public Health (2017- 2021).

Selected Publication

- 1) Dunn G, **Maracy M**, Dowrick C, Ayuso-Mateos JL, Dalgard OS, Page H, Lehtinen V, Casey P, Wilkinson C, Vazquez-Barquero JL, Wilkinson G;ODIN group. Estimating psychological treatment effects from a randomised controlled trial with both non-compliance and loss to follow-up. Br J Psychiatry. 2003 Oct;183:323-31. PubMed PMID: 14519610.
- 2) Dunn G, **Maracy M**, Tomenson B. Estimating treatment effects from randomized clinical trials with noncompliance and loss to follow-up: the role of instrumental variable methods. Stat Methods Med Res. 2005 Aug;14(4):369-95. PubMed PMID: 16178138.
- 3) **Maracy MR**, Hosseini SM, Amini M. Risk scores in ischaemic heart disease patients with type 2 diabetes, Isfahan, Iran. Acta Cardiol. 2008 Dec;63(6):729-34. PubMed PMID: 19157168.
- 4) Kheirabadi GR, Ranjkesh M, **Maracy MR**, Salehi M. Effect of add-on gabapentin on opioid withdrawal symptoms in opium-dependent patients. Addiction. 2008 Sep;103(9):1495-9. doi: 10.1111/j.1360-0443.2008.02248.x. Erratum in: Addiction. 2009 Oct;104(10):1776. PubMed PMID:
- 5) Kheirabadi GR, **Maracy MR**. Perinatal depression in a cohort study on Iranian women. J Res Med Sci. 2010 Jan;15(1):41-9. PubMed PMID: 21526057; PubMed Central PMCID: PMC3082779.

- 6) Loghmani S, **Maracy MR**, Kheirmand R. Serum phosphate level in burn patients. *Burns*. 2010 Nov;36(7):1112-5. doi: 10.1016/j.burns.2009.12.009. Epub 2010 Apr 20. PubMed PMID: 20409642.
- 7) **Maracy M**, Dunn G. Estimating dose-response effects in psychological treatment trials: the role of instrumental variables. *Stat Methods Med Res*. 2011 Jun;20(3):191-215. doi: 10.1177/0962280208097243. PubMed PMID: 19036909.
- 8) Alavi SS, **Maracy MR**, Jannatifard F, Eslami M. The effect of psychiatric symptoms on the internet addiction disorder in Isfahan's University students. *J Res Med Sci*. 2011 Jun;16(6):793-800. PubMed PMID: 22091309; PubMed Central PMCID: PMC3214398.
Corresponding author: **Maracy MR**
- 9) Meidani M, Rezaei F, **Maracy MR**, Avijgan M, Tayeri K. Prevalence, severity, and related factors of anemia in HIV/AIDS patients. *J Res Med Sci*. 2012 Feb;17(2):138-42. PubMed PMID: 23264786; PubMed Central PMCID: PMC3525030.
Corresponding author: **Maracy MR**
- 10) **Maracy MR**, Moradpour F, Hosseini SM, Tirani M. Cancer incidence and prevalence in isfahan: application of mortality data to estimates and projects for the period 2001-2015. *Int J Prev Med*. 2012 Dec;3(12):867-74. PubMed PMID: 23272286; PubMed Central PMCID: PMC3530305.
- 11) **Maracy MR**, Kheirabadi GR. Development and validation of a postpartum depression risk score in delivered women, Iran. *J Res Med Sci*. 2012 Nov;17(11):1067-71. PubMed PMID: 23833583; PubMed Central PMCID: PMC3702090.
- 12) Meamar R, Etedali F, Sereshti N, Sabour E, Samani MD, Ardakani MR, Mirhosseini SM, **Maracy M**. Predictors of smoking cessation and duration: implication for smoking prevention. *Int J Prev Med*. 2013 May;4(Suppl 2):S194-200. PubMed PMID: 23776723; PubMed Central PMCID: PMC3678217.
Corresponding author: **Maracy MR**
- 13) Barekatin M, **Maracy MR**, Hassannejad R, Hosseini R. Factors associated with readmission of patients at a university hospital psychiatric ward in iran. *Psychiatry J*. 2013;2013:685625. doi: 10.1155/2013/685625. Epub 2013 Mar 17. PubMed PMID: 24236285; PubMed Central PMCID: PMC3820075.
Corresponding author: **Maracy MR**
- 14) Mohammadi-Moein HR, **Maracy MR**, Tayeri K. Life expectancy after HIV diagnosis based on data from the counseling center for behavioral diseases. *J Res Med Sci*. 2013 Dec;18(12):1040-5. PubMed PMID: 24523793; PubMed Central PMCID: PMC3908523.
Corresponding author: **Maracy MR**
- 15) Hosseini SM, **Maracy MR**, Sarrafzade S, Kelishadi R. Child Weight Growth Trajectory and its Determinants in a Sample of Iranian Children from Birth until 2 Years of Age. *Int J Prev Med*. 2014 Mar;5(3):348-55. PubMed PMID: 24829720; PubMed Central PMCID: PMC4018645.
- 16) Alavi SS, **Maracy MR**, Jannatifard F, Ojaghi R, Rezapour H. The psychometric properties of cellular phone dependency questionnaire in students of Isfahan: A pilot study. *J Educ Health*

Promot. 2014 Jun 23;3:71. doi: 10.4103/2277-9531.134822. eCollection 2014. PubMed PMID: 25077164; PubMed Central PMCID: PMC4113992.

Corresponding author: **Maracy MR**

- 17) Saatchi M, Shokraneh A, Navaei H, **Maracy MR**, Shojaei H. Antibacterial effect of calcium hydroxide combined with chlorhexidine on *Enterococcus faecalis*: a systematic review and meta-analysis. *J Appl Oral Sci*. 2014 Oct;22(5):356-65. PubMed PMID: 25466470; PubMed Central PMCID: PMC4245746.
- 18) Barekattain M, Askarpour H, Zahedian F, Walterfang M, Velakoulis D, **Maracy MR**, Jazi MH. The relationship between regional brain volumes and the extent of coronary artery disease in mild cognitive impairment. *J Res Med Sci*. 2014 Aug;19(8):739-745. PubMed PMID: 25422659; PubMed Central PMCID: PMC4235094.
- 19) Davari M, Khorasani E, Bakhshizade Z, Jazi MJ, Darab MG, Maracy MR. A single model for determining socioeconomic status in health studies; a crucial step to make the results more comparable. *Value in Health*. 2014;17(7):A730-A.
- 20) Davari M, Khorasani E, Maracy MR. Horizontal and vertical financial equity in hospitalized cardiovascular patients; a case study in Iran. *Value in Health*. 2016;19(7):A865-A6
- 21) Iranpour S, Kheirabadi GR, Esmailzadeh A, Heidari-Beni M, Maracy MR. Association between sleep quality and postpartum depression. *Journal of Research in Medical Sciences*. 2016;21(11).
- 22) Maracy MR, Isfahani MT, Kelishadi R, Ghasemian A, Sharifi F, Shabani R, et al. Burden of ischemic heart diseases in Iran, 1990-2010: Findings from the Global Burden of Disease study 2010. *Journal of Research in Medical Sciences*. 2015;20(11):1077-83.
- 23) Maracy MR, Nasiripour L, Amirsadri MR. Cost-effectiveness of surgical excision vs Mohs micrographic surgery for non-melanoma skin cancer. *Value in Health*. 2016;19(7):A889-A.
- 24) Mozafarian N, Kelishadi R, Motlagh M, Maracy MR. Propensity Score Application in the Relationship of Screen Time and Metabolic Syndrome in Adolescents: the CASPIAN-III Study. *International Journal of Pediatrics-Mashhad*. 2016;4(3):1491-503.
- 25) Nassiripour L, Amirsadri M, Tabatabaeian M, Maracy MR. Cost-effectiveness of surgical excision versus Mohs micrographic surgery for nonmelanoma skin cancer: A retrospective cohort study. *Journal of Research in Medical Sciences*. 2016;21(6).
- 26) Shahrezaei M, Maracy MR, Farid F. Factors Affecting Mortality and Treatment Completion of Tuberculosis Patients in Isfahan Province from 2006 to 2011. *International Journal of Preventive Medicine*. 2015;6.
- 27) Shams-Beyranvand M, Farzadfar F, Naderimagham S, Tirani M, Maracy MR. Estimation of burden of ischemic heart diseases in Isfahan, Iran, 2014: using incompleteness and misclassification adjustment models. *Journal of Diabetes and Metabolic Disorders*. 2017;16.
- 28) Taheri, Alireza;; **Maracy**. Time Indices of Emergency Medical Services. *TRAUMA MONTHLY*. NOV 2017: 22 : 6
- 29) Rezaei, F ; **Maracy, MR** ; Yarmohammadian, MH ; Sheikhbardsiri, H. Hospitals preparedness using WHO guideline: A systematic review and meta-analysis. *HONG KONG JOURNAL OF EMERGENCY MEDICINE*. 2018; 25, 4: 211-222

30) Kheirabadi, GR ; Salehi, M ; Bahrami, M ; **Maracy**, MR . Gabapentin, Pregabalin, and Placebo in Reducing Opioid Withdrawal Symptoms in Opioid-dependent Individuals: A Randomized-controlled Trial. ADDICTIVE DISORDERS & THEIR TREATMENT. JUN 2018. 17;2;55-64

31) **The association between demographic and familial characteristics and psychological properties of adolescents**

By: **Najmi, Seyed Badredin; Hovsepian, Silva; Jamshidibeyk, Assiyeh; et al.**

JOURNAL OF RESEARCH IN MEDICAL SCIENCES Volume: 24 Article Number: 14 Published: FEB 2019

32) **The Roles and Responsibilities of Community-Based Organizations in Responding to Public Health Emergencies: A Systematic Review**

By: **Rezaei, Fatemeh; Keyvanara, Mahmoud; Yarmohammadian, Mohammad H.; et al.**

IRANIAN RED CRESCENT MEDICAL JOURNAL Volume: 21 Issue: 4 Article Number: e90967 Published: APR 2019

33) **Can Couples With MCV \geq 80, MCH $<$ 26, HbA 2 $<$ 3.2, HbF $<$ 3 be Classified as Low-risk beta-Thalassemia Group?**

By: **Mirzakhani, Mohsen; Tarrahi, Mohammad J.; Baghersad, Atefe; et al.**

JOURNAL OF PEDIATRIC HEMATOLOGY ONCOLOGY Volume: 41 Issue: 4 Pages: 303-306 Published: MAY 2019

34) **Preparedness of community-based organisations in biohazard: reliability and validity of an assessment tool**

By: **Rezaei, Fatemeh; Maracy, Mohammad R.; Yarmohammadian, Mohammad H.; et al.**

FAMILY MEDICINE AND COMMUNITY HEALTH Volume: 7 Issue: 3 Article Number: UNSP e000124 Published: JUN 2019

35) **Factors Affecting Recurrence and Costs of Basal Cell Carcinoma Undergoing Mohs Micrographic Surgery: A Hospital-Based Retrospective Cohort Study**

By: **Nassiripour, Leila; Amirsadri, Mohammadreza; Tabatabaeian, Maryam; et al.**

INTERNATIONAL JOURNAL OF CANCER MANAGEMENT Volume: 12 Issue: 8 Article Number: e84695 Published: AUG 2019

36) **A survey of knowledge, attitude and practice of the older people about COVID-19 pandemic in Isfahan, Iran**

By: **Maracy, Mohammad R.; Rahimi, Majid; Shahraki, Roohangiz Alirezaei**

JOURNAL OF GERONTOLOGY AND GERIATRICS Volume: 68 Issue: 4 Special Issue: SI Pages: 204-211 Published: DEC 2020

37) **Psychometric evaluation of a questionnaire for measuring factors related to mental health of women in an earthquake**

By: **Samouei, Rahele; Shooshtari, Shahin; Bahrami, Masoud; et al.**

WOMEN & HEALTH Volume: 61 Issue: 1 Pages: 66-72 Published: JAN 2 2021

Early Access: DEC 2020)

38) **GIS-based risk mapping of cutaneous leishmaniasis: a survey in an endemic area of Central Iran**

By: **Maracy, Mohammad Reza; Jaffary, Fariba; Ebrahimi, Afshin;** et al.

ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH Volume: 28 Issue: 41 Pages: 57470-57485 Published: NOV 2021

39) **Estimating the Lifetime and Age-Conditional Risk of an HIV Diagnosis in Iran, 2011-2015**

By: **Nasirian, Maryam; Mahboobi, Marzieh; Maracy, Mohammad Reza**

IRANIAN JOURNAL OF PUBLIC HEALTH Volume: 50 Issue: 5 Pages: 1048-1055 Published: MAY 2021