

**Personal Details**

First name: Mohammad Reza

Surname: Maracy

Nationality: Iranian

Date of Birth: ۱۷/۰۹/۱۹۵۸

Position: Professor of Epidemiology

**Address:**

Department of Epidemiology and Biostatistics, School of Public Health, 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 ۲۰۰۵.

**Education:**

BSc in Mathematics at the University of Isfahan, Iran, ۱۹۸۶

MSc in Bio-statistics at the University of Tehran, Iran, ۱۹۹۴

Ph.D. Student in Epidemiology at the University of Manchester, ۲۰۰۴

**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/2012), 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/2012-present), Member of the the specific committee of Board of Directors (Feb/2012-present), Deputy Health Vice-chancellor (Feb/2012 – December/2012), Member of improving child health committee (Feb/2012 – Jun/2013), Working Group on the assessment and improvement of university journals (Jun/2012 – Jun/2013), Member of issuance committee (December/2012 –present), Member of clinical research committee (January 2013-present), Head of editorial statistic section of IJNMR (January 2013-present), Director of the Department of Epidemiology and Biostatistics(2013- present), Head of school of Public Health (2013- present).

### **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*. 2013 Oct;183:323-31. PubMed PMID: 24019610.
- 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*. 2010 Aug;14(8):369-90. PubMed PMID: 21178138.
- 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: 19107168.
- 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):1490-9. doi: 10.1111/j.1360-0443.2008.02248.x. Erratum in: *Addiction*. 2009 Oct;104(10):1776. PubMed PMID:

- ۵) Kheirabadi GR, **Maracy MR**. Perinatal depression in a cohort study on Iranian women. *J Res Med Sci*. ۲۰۱۰ Jan;۱۵(۱):۴۱-۹. PubMed PMID: ۲۱۵۲۶۰۵۷; PubMed Central PMCID: PMC۳۰۸۲۷۷۹.
- ۶) Loghmani S, **Maracy MR**, Kheirmand R. Serum phosphate level in burn patients. *Burns*. ۲۰۱۰ Nov;۳۶(۷):۱۱۱۲-۵. doi: ۱۰.۱۰۱۶/j.burns.۲۰۰۹.۱۲.۰۰۹. Epub ۲۰۱۰ Apr ۲۰. PubMed PMID: ۲۰.۴۰۹۶۴۲.
- ۷) **Maracy M**, Dunn G. Estimating dose-response effects in psychological treatment trials: the role of instrumental variables. *Stat Methods Med Res*. ۲۰۱۱ Jun;۲۰(۳):۱۹۱-۲۱۵. doi: ۱۰.۱۱۷۷/۰۹۶۲۲۸۰۲۰۸۰۹۷۲۴۳. PubMed PMID: ۱۹۰۳۶۹۰۹.
- ۸) 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*. ۲۰۱۱ Jun;۱۶(۶):۷۹۳-۸۰۰. PubMed PMID: ۲۲۰۹۱۳۰۹; PubMed Central PMCID: PMC۳۲۱۴۳۹۸.

Corresponding author: **Maracy MR**

- ۹) 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*. ۲۰۱۲ Feb;۱۷(۲):۱۳۸-۴۲. PubMed PMID: ۲۳۲۶۴۷۸۶; PubMed Central PMCID: PMC۳۵۲۵۰۳۰.

Corresponding author: **Maracy MR**

- ۱۰) **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 ۲۰۰۱-۲۰۱۵. *Int J Prev Med*. ۲۰۱۲ Dec;۳(۱۲):۸۶۷-۷۴. PubMed PMID: ۲۳۲۷۲۲۸۶; PubMed Central PMCID: PMC۳۵۳۰۳۰۵.

- ۱۱) **Maracy MR**, Kheirabadi GR. Development and validation of a postpartum depression risk score in delivered women, Iran. *J Res Med Sci*. ۲۰۱۲ Nov;۱۷(۱۱):۱۰۶۷-۷۱. PubMed PMID: ۲۳۸۳۳۵۸۳; PubMed Central PMCID: PMC۳۷۰۲۰۹۰.

- ۱۲) 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*. ۲۰۱۳ May;۴(Suppl ۲):S۱۹۴-۲۰۰. PubMed PMID: ۲۳۷۷۶۷۲۳; PubMed Central PMCID: PMC۳۶۷۸۲۱۷.

Corresponding author: **Maracy MR**

۱۳) Barekattain M, **Maracy MR**, Hassannejad R, Hosseini R. Factors associated with readmission of patients at a university hospital psychiatric ward in Iran. *Psychiatry J*. ۲۰۱۳;۲۰۱۳:۶۸۵-۶۹۰. doi: ۱۰.۱۱۵۵/۲۰۱۳/۶۸۵۶۹۰. Epub ۲۰۱۳ Mar ۱۷. PubMed PMID: ۲۴۲۳۶۲۸۵; PubMed Central PMCID: PMC۳۸۲۰۰۷۵.

Corresponding author: **Maracy MR**

۱۴) 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*. ۲۰۱۳ Dec;۱۸(۱۲):۱۰۴۰-۵. PubMed PMID: ۲۴۵۲۳۷۹۳; PubMed Central PMCID: PMC۳۹۰۸۵۲۳.

Corresponding author: **Maracy MR**

۱۵) Hosseini SM, **Maracy MR**, Sarrafzade S, Kelishadi R. Child Weight Growth Trajectory and its Determinants in a Sample of Iranian Children from Birth until ۷ Years of Age. *Int J Prev Med*. ۲۰۱۴ Mar;۵(۳):۳۴۸-۵۵. PubMed PMID: ۲۴۸۲۹۷۲۰; PubMed Central PMCID: PMC۴۰۱۸۶۴۵.

۱۶) 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*. ۲۰۱۴ Jun ۲۳;۳:۷۱. doi: ۱۰.۴۱۰۳/۲۲۷۷-۹۵۳۱,۱۳۴۸۲۲. eCollection ۲۰۱۴. PubMed PMID: ۲۵۰۷۷۱۶۴; PubMed Central PMCID: PMC۴۱۱۳۹۹۲.

Corresponding author: **Maracy MR**

۱۷) 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*. ۲۰۱۴ Oct;۲۲(۵):۳۵۶-۶۵. PubMed PMID: ۲۵۴۶۶۴۷۰; PubMed Central PMCID: PMC۴۲۴۵۷۴۶.

۱۸) 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*. ۲۰۱۴ Aug;۱۹(۸):۷۳۹-۷۴۵. PubMed PMID: ۲۵۴۲۲۶۵۹; PubMed Central PMCID: PMC۴۲۳۵۰۹۴.

۱۹) 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*. ۲۰۱۴;۱۷(۷):A۷۳۰-A.

- ۲۰) Davari M, Khorasani E, Maracy MR. Horizontal and vertical financial equity in hospitalized cardiovascular patients; a case study in Iran. *Value in Health*. ۲۰۱۶;۱۹(۷):A۸۶۵-A۸۶
- ۲۱) Iranpour S, Kheirabadi GR, Esmailzadeh A, Heidari-Beni M, Maracy MR. Association between sleep quality and postpartum depression. *Journal of Research in Medical Sciences*. ۲۰۱۶;۲۱(۱۱).
- ۲۲) Maracy MR, Isfahani MT, Kelishadi R, Ghasemian A, Sharifi F, Shabani R, et al. Burden of ischemic heart diseases in Iran, ۱۹۹۰-۲۰۱۰: Findings from the Global Burden of Disease study ۲۰۱۰. *Journal of Research in Medical Sciences*. ۲۰۱۰;۲۰(۱۱):۱۰۷۷-۸۳.
- ۲۳) Maracy MR, Nasiripour L, Amirsadri MR. Cost-effectiveness of surgical excision vs Mohs micrographic surgery for non-melanoma skin cancer. *Value in Health*. ۲۰۱۶;۱۹(۷):A۸۸۹-A.
- ۲۴) 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*. ۲۰۱۶;۴(۳):۱۴۹۱-۵۰۳.
- ۲۵) 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*. ۲۰۱۶;۲۱(۶).
- ۲۶) Shahrezaei M, Maracy MR, Farid F. Factors Affecting Mortality and Treatment Completion of Tuberculosis Patients in Isfahan Province from ۲۰۰۶ to ۲۰۱۱. *International Journal of Preventive Medicine*. ۲۰۱۵;۶.
- ۲۷) Shams-Beyranvand M, Farzadfar F, Naderimagham S, Tirani M, Maracy MR. Estimation of burden of ischemic heart diseases in Isfahan, Iran, ۲۰۱۴: using incompleteness and misclassification adjustment models. *Journal of Diabetes and Metabolic Disorders*. ۲۰۱۷;۱۶.
- ۲۸) Taheri, Alireza; **Maracy**. Time Indices of Emergency Medical Services. *TRAUMA MONTHLY*. NOV ۲۰۱۷; ۲۲ : ۶
- ۲۹) 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*. ۲۰۱۸: ۲۵, ۴: ۲۱۱-۲۲۲

۳۰) 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 ۲۰۱۸. ۱۷;۲;۵۵-۶۴