**HADIS RASTAD**

Alborz University of Medical Sciences, Karaj, Iran

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**Education**

2019 Ph.D.: Epidemiology, Tehran University of Medical Sciences, Tehran, Iran

**Dissertation:** Assessing the effect of the diabetes mellitus on incidence of cancers using Bayesian- based Hierarchical Regression models for analyses of multiple outcomes: ARIC Cohort Study

2013 MSc: Epidemiology, Kerman University of Medical Sciences, Kerman, Iran

**Work Experience**

2020-present Alborz University of Medical Sciences, Karaj, Iran

**Non-tenured Faculty Member, School of medicine**

2018 Sanofi Aventis Group, Tehran, Iran

 **Research Advisor**, (Short Project)

2015-17 Noor Eye Hospital, Tehran, Iran

**Research Assistant, Noor Ophthalmology research center**

2013 -15 Tehran University of Medical Sciences, Tehran, Iran

 **Research Advisor, Research Development Center of Arash Women Hospital**

2012-13 Tehran University of Medical Sciences, Tehran, Iran

 **Research Assistant, Non-communicable Diseases Research Center**

2011-12 Pasteur Institute of Iran (IPI), Tehran, Iran

 **Research Assistant, Department of Epidemiology**

 **Teaching** **Experience**

2020-present Alborz University of Medical Sciences, Karaj, Iran

 **Assistant professor: Epidemiology Methods, Scientific writing, Statistical software**

2014-2019 Tehran University of Medical Sciences, Tehran, Iran

**Teaching Assistant: Epidemiology Methods, Scientific writing, Statistical software**

**Publications**

1. Cardiac Magnetic Resonance Findings in 1,072 Recovered COVID-19 Adult Patients: A Comprehensive Systematic Review**.** (Journal of Magnetic Resonance Imaging, , in Press)
2. The Predictive Power of Serum Vitamin D for Poor Outcomes in COVID-19 Patients (Food Science & Nutrition, in Press)
3. Reasons for not using condom by people who inject drugs in Iran; results from a conventional content analysis in 2018 (Iranian Journal of Epidemiology, in Press)
4. Echocardiographic Features of Cardiac Injury Related to COVID-19 and Their Prognostic Value: A Systematic Review. Journal of Intensive Care Medicine. 2021
5. The effects of dietary selenium supplementation on inflammatory markers among patients with metabolic diseases: a systematic review and meta-analysis of randomized controlled trials. Journal of Diabetes & Metabolic Disorders. 2021
6. The risk factors associated with COVID-19-Related death among patients with end‐stage renal disease. BMC nephrology. 2021
7. Prevalence and determinants of vitamin D deficiency in Iranian children and adolescents: the CASPIAN-V study. Journal of Diabetes & Metabolic Disorders. 2021
8. Evaluating hematological parameters in women with endometriosis. Journal of Obstetrics and Gynaecology. 2021
9. Happiness inequality among a sample of Iranian older population. The Journal of Gerontopsychology and Geriatric Psychiatry. 2021
10. Association of Alanine Aminotransferase With Different Metabolic Phenotypes of Obesity in Children and Adolescents: The CASPIAN-V Study. Frontiers in Endocrinology. 2020
11. Association of serum 25-hydroxyvitamin D level with metabolic phenotypes of obesity in children and adolescents: the CASPIAN-V study. Frontiers in Endocrinology. 2020
12. Percentile values of serum zinc concentration and prevalence of its deficiency in Iranian children and adolescents: the CASPIAN-V study. Journal of Pediatric Endocrinology and Metabolism. 2020
13. Congenital Bladder and Urethral Agenesis: Two Case Reports and Management. Advances in Urology. 2020
14. Risk and predictors of in-hospital mortality from COVID-19 in patients with diabetes and cardiovascular disease. 2020
15. Factors associated with the poor outcomes in diabetic patients with COVID-19. Journal of Diabetes & Metabolic Disorders. 2020
16. Understanding the Reasons for Sharing Syringes or Needles to Inject Drugs: Conventional Content Analysis. Addiction & Health. 2020
17. Diabetes mellitus and cancer incidence: the Atherosclerosis Risk in Communities (ARIC) cohort study. Journal of Diabetes & Metabolic Disorders. 2019
18. Does Peritoneal Suction Drainage Reduce Pain After Gynecologic Laparoscopy? Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. 2018
19. Conjunctivochalasis and related factors in an adult population of Iran. Eye & Contact Lens. 2018
20. Strategies to Reduce Pain After Laparoscopic Gynecologic Surgery. Surgical Laparoscopy Endoscopy & Percutaneous Techniques. 2018
21. Causes of Delay in Seeking Treatment in Iranian Patients with Breast Cancer Based on the Health Belief Model (HBM). International Journal of Cancer Management. 2018
22. Association of Benign Breast Disorders with Hypothyroidism. Istanbul Medical Journal. 2018
23. Intravitreal injection of ziv-aflibercept in the treatment of choroidal and retinal vascular diseases. Journal of Current Ophthalmology. 2017
24. Floppy Eyelid Syndrome and its determinants in Iranian Adults, a population-based study. Eye & Contact Len. 2017
25. Meibomian gland dysfunction and its determinants in Iranian adults: a population-based study. [Contact Lens and Anterior Eye](https://www.sciencedirect.com/journal/contact-lens-and-anterior-eye). 2017
26. The Association between Prepregnancy Body Mass Index and Breastfeeding Duration in Iranian Women. Journal of Comprehensive Pediatrics. 2017
27. Prevalence of high-risk behaviors using network scale-up method in university students of Larestan in 2014. Journal of substance use. 2017
28. Association between parity and ovarian reserve in reproductive age women. European Journal of Obstetrics & Gynecology. 2016
29. Urinary Uric Acid/Creatinine Ratio as a Marker of Mortality and Unfavorable Outcome in NICU-Admitted Neonates. Iran J Pediatr. 2016
30. [Diagnostic accuracy of sonohysterography compared to endometrial biopsy in pre-menopausal women with abnormal uterine bleeding](http://mjiri.iums.ac.ir/files/site1/user_files_e9487e/admin-A-10-1-832-88a6199.pdf), Medical Journal of The Islamic Republic of Iran. 2015
31. The Effect of Dexamethasone on Nausea and Vomiting during Labor and Labor Pain in Parturients Undergoing Normal Vaginal Delivery. Archives of Anesthesiology and Critical Care. 2015
32. Breast Pain and Vitamin D Deficiency. Austin Journal of Nutrition and Food Sciences. 2015
33. Association between body mass index and perceived weight status with self-rated health and life satisfaction in Iranian children and adolescents: the CASPIAN-III study. [Qual Life Res.](http://www.ncbi.nlm.nih.gov/pubmed/25038635) 2014
34. National and Sub-national Trend and Burden of Injuries in Iran,1990 – 2013: A Study Protocol**.** Arch Iran Med. 2014
35. Association of benign breast disorders with the level of education and employment. International Journal of Current Research. 2014
36. Q fever: an emerging public health concern in Iran, Asian Journal of Epidemiology. 2013
37. Gestational Age and Neonatal Morbidity at the End of Term Pregnancy in Cesarean Delivery. Iranian Journal of Nursing. 2013
38. Depressive symptoms and suicidal ideation among nursing students and compare it with midwifery students in the nursing and midwifery college in Kerman , Zahedan Journal of Research in Medical Sciences. 2012
39. Causes of Delay in Seeking Treatment in Patients with Breast Cancer in Iran: a Qualitative Content Analysis Study, Asian Pacific J Cancer Prev. 2012
40. Factors Influencing Cesarean Delivery in Women Visiting the Women's Pregnancy Clinic in Bam, Iran,Journal of Health & Development**.** 2012

**Under Review (as PI):**

* Risk of neuropsychiatric disorders in offspring exposed to maternal polycystic ovary syndrome (PCOS): a systematic review and meta-analysis (Journal of Developmental & Behavioral Pediatrics)
* Psychological problems and reduced health-related quality of life in Survivors of COVID-19: a systematic review and meta-analysis **(**Journal of Affective disorders)
* Sex differences in mortality after myocardial infarction: a retrospective cohort study (Indian Journal of Thoracic and Cardiovascular Surgery)
* Clinical outcomes in young survivors of COVID-19 at the convalescent phase: a Retrospective Cohort Study (Infectious Disease)

**Professional Service**

**Thesis advisor/ Supervisor**: ABZUMS School of Dental Medicine & School of Medicine, Karaj, Iran (2019-present)

Midwifery and Reproductive Health, School of Medicine, Tarbiat Modares University, Tehran, Iran (2020-present)

**Chair and organizer**: Clinical Research Center of Kamali Hospital at Alborz University of Mediccal Sciences, Karaj, Iran (2020-present)

**Research Advisor:** Cardiovascular Research Center & Non-communicable Diseases Research Center, Alborz University of Medical Sciences, Karaj, Iran (2019-present)

**Holding Workshop:** Alborz University of Medical Sciences, Karaj, Iran . (2020 & 2021)

**Reviewer:** Journal of Diabetes & Metabolic Disorders, Frontiers in Pediatrics, Journal of Magnetic Resonance Imaging

**Honors**

1. Securing **2nd** place in national entrance exam for doctorate degree in academic year 2013-2014
2. Member of Iranian Exceptional Talents

**Membership**

2021 The expert working group developing an Adult Immunization National Guideline for Iran, founded by WHO

2020-present National COVID-19 Epidemiology Committee

2019-present Research council of Cardiovascular Research Center, Non-communicable Diseases Research Center, Shahid rajaee Hospital, and Kamali Hospital in Alborz University of Medical Sciences

2013-present Iranian Epidemiological Association

2010-13 Kerman Medical Student Research Committee (KMSRC)

**Professional short courses**

* **Genomic Data Science,** 2021**:** Authorized by Johns Hopkins University, and offered through Coursera; in Progress
* **Machine learning,** 2020: Faradars Institute, Iran. 2021: Authorized by DUKE Uneversity, USA and offered through Coursera
* **Progect Management,** 2020
* **Python**, 2020
* **R\_Rstudio**, 2019
* **SAS** - 2017
* **Systematic Review and Meta Analysis**–, 2011
* "**Design of Questionnaire**", 2011
* **Qualitative studies**, 2011
* **Stata**, 2010
* **"Sientific Writing "** , 2010

**Skills**

Proficient in the quantitative methods

Proficient in Statistical software (R, SAS, Stata, and SPSS)

Proficient in scientific writing

Systematic Review and Meta Analysis

Basic use of Python programming language

**Areas of interest**

* Clinical trials, Genitic Epidemiology, Clinical Epidemiology, Quantitative Methods, Systematic review & meta-analysis, Machine learning methods for health care data