

Curriculum Vitae



Babak Hassanlouei

Academic Rank: Assistant Professor of Epidemiology

School: Medicine

Department: Biostatistics and Epidemiology

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Educational Background:

2022 Ph.D. in Epidemiology, Iran University of Medical Science, Tehran- Iran.

Dissertation title: **Evaluation of colorectal cancer screening program in health system and development of a faecal immunochemical test-based prediction model for colorectal cancer**

Supervisor: Dr Mohsen Asadi-lari.

2013 M.S. Epidemiology. Rafsanjan University of Medical Science. Rafsanjan - Iran.

Supervisor: Dr Reza Vazirinejad

Dissertation title: “**Impact of diurnal temperature variations on hospitalization due to cardiovascular and respiratory diseases in Rafsanjan, Iran, in 2008-2013**”

2009 B.S. Public Health, Tehran University of Medical Science, Tehran-Iran.

Awards and Scholarships

Iranian full scholarships for Bachelors, Masters and PhD degrees.

Employment Experience

- 2010-2011. Urmia University of Medical Science, (as a Public Health Expert). Urmia - Iran
- 2014-2015, Urmia University of Medical Science (as Researcher and Methodological Advisor). Urmia -Iran
- 2017(Up to now) Iran University Medical of Science (as Epidemiologist and Methodological Advisor). Tehran- Iran
- 2018(Up 8/30/2020) Neyshabour University Medical of Science (as Methodological Advisor). Neyshabour – Iran
- 2018(Up to now) Editorial Board | Journal of Preventive Epidemiology

Language Skills

English (Moderate), Turkish (Native), Persian (Native)

Papers

- **Hassanlouei B**, Rezaeian M, Sheikh-Fathollahi M, Vazirinejad R. Impact of diurnal temperature variations on hospitalization due to cardiovascular and respiratory diseases in Rafsanjan, Iran, in 2008-2013. Journal of Occupational Health and Epidemiology. 2013 Jul 10;2(3):99-106.

- Amani F, Ahari SS, Barzegari S, **Hassanlouei B**, Sadrkabir M, Farzaneh E. Analysis of relationships between altitude and distance from volcano with stomach Cancer incidence using a geographic information system. *Asian Pacific Journal of Cancer Prevention*. 2015;16(16):6889-94.
- Mahdavi N, Hosseinpour P, Dashti G, Bouzari B, Valizadeh R, **Hassanlouei B**. Is physical activity related to renal cell carcinoma? A systematic review. *Journal of Nephropathology*. 2020 Jul 1; 9(3).
- Sokoty L, Kermani M, Janani L, Dowlati M, **Hasanloovi B**, Rimaz S. Estimation of cardiovascular and respiratory diseases attributed to PM10 using AirQ model in Urmia during 2011-2017. *Medical Journal of The Islamic Republic of Iran (MJIRI)*. 2020 Feb 10;34(1):430-6.
- Malekpour F, Fazli Ochhesar B, Mohammadpour Y, Mohammadian Y, **Hasanluei B**. Assessment of relationship between quality of life and mental workload among nurses of Urmia Medical Science University hospitals. *The Journal of Urmia Nursing and Midwifery Faculty*. 2014;12(6):499-505.
- Razi S, VaziriNejad R, Rezaeian M, SheikhFathollahi M, Manshouri A, Goujani R, **Hassanloei B**. Survey of birth weight in newborns among mothers with and without a common underlying disease in Rafsanjan niknafs maternity in 2011-2012. *Journal of Rafsanjan University of Medical Sciences*. 2014;13(4):323-38.
- Asadpour M, SheikhFathollahi M, Goujani R, Razi S, Torkashvand F, **Hassanloei B**, Bahador S. Survey on Physical Exercise Among Paramedical Students of Rafsanjan University of Medical Sciences Based on Stages of Changes Model and Its Association with Self-Efficacy in 2011-2012. *Journal of Rafsanjan University of Medical Sciences*. 2014;13(4):349-60.
- Sokoty L, Kermani M, Janani L, Dowlati M, **Hasanloovi B**, Rimaz S. Health quality of air in Urmia over a Six-year Period (2012-2017) Using Air Quality Index (AQI). *Journal of health research in community*. 2019 Mar 1;4(4):22-31.
- Seyed Hadi Samimi Ardestani, Mojtaba Mohammadi Ardehali, Mahtab Rabbani Anari, Benyamin Rahmaty, Reza Erfanian, Maryam Akbari, Zohre Motedayen, Fahimeh Samimi Niya, Radmehr Aminloo, Farbod Farahbakhsh, Ali Hosseininasab, **Babak Hassanlouei**, Naime Rezaian & Zahra Mokhtari (2020) The coronavirus disease 2019: the prevalence, prognosis, and recovery from olfactory dysfunction (OD), *Acta Oto-Laryngologica*, DOI: 10.1080/00016489.2020.1836397
- Meybodi NF, Karimi-Zarchi M, Allahqoli L, Sekhvat L, Gitas G, Rahmani A, Fallahi A, **Hassanlouei B**, Alkatout I. Accuracy of the Triple Test Versus Colposcopy for the Diagnosis of

Premalignant and Malignant Cervical Lesions. Asian Pacific Journal of Cancer Prevention: APJCP. 2020 Dec;21(12):3501.

- Rahimzadeh P, Faiz HR, Farahmandrad R, **Hassanlouei B**, Habibi A, Emami SH, Amniati S. Clinical features and prognosis of invasive ventilation in hospitalized patients with COVID-19: A retrospective study. Anesthesiology and pain medicine. 2020 Dec;10(6).
- Meskarpour-Amiri M, Mehdizadeh P, Yaghoubi M, Shokouh SM, Nasiri T, **Hassanlouei B**, Amini H. Evaluating the Effect of Macro-Level Health Policies on Novel Coronavirus (COVID-19) Epidemic Control in Iran. Acta Medica Iranica. 2021 Jan 1;59(1).
- Novin K, **Hassanlouei B**, Motamed M, Faraji S, Najafi M, Fadavi P, Sanei M, Ghanbari Jolfaei A, Garousi M. Psychological Status during COVID-19 Pandemic on the Patients with Cancer. Middle East Journal of Cancer. 2021 Apr 21.
- Mirshamsi M, Ghiasi N, Heidari S, Hosseinpour P, **Hassanlouei B**, Hashemipour SM, Aidenloo NS, Valizadeh R. Conjunctivitis and other ocular manifestation following COVID-19; updated information about transmission of COVID-19 by eye.
- Riahi T, Shokri S, Faiz SH, Hemati K, Mousavie SH, Baghestani A, and **Babak Hassanlouei AK**. Clinical and laboratory predictors of mortality in hospitalized COVID-19 patients. Iran Red Crescent Med J. 2021 May 1;23(5):e531.
- Riahi T, Sadeghzadeh-Bazargan A, Shokri S, Ahmadvand D, **Hassanlouei B**, Baghestani A, Khazaeian A, Seifi Gharabaghloo F, Hassanzadeh M, Goodarzi A. The effect of opium on severity of COVID-19 infection: An original study from Iran. Medical Journal of The Islamic Republic of Iran (MJIRI). 2021 Jan 10;35(1):870-4.
- Kashi AM, Niakan G, Ebrahimpour M, Allahqoli L, **Hassanlouei B**, Gitas G, Alkatout I. A randomized, double-blind, placebo-controlled pilot study of the comparative effects of dienogest and the combined oral contraceptive pill in women with endometriosis. International Journal of Gynaecology and Obstetrics: the Official Organ of the International Federation of Gynaecology and Obstetrics. 2021 Mar 17.
- Sokoty L, Rimaz S, **Hassanlouei B**, Kermani M, Janani L. Short-term effects of air pollutants on hospitalization rate in patients with cardiovascular disease: a case-crossover study. Environmental Science and Pollution Research. 2021 May;28(20):26124-31.
- Seirafianpour F, Sodagar S, Mozafarpour S, Baradaran HR, Panahi P, **Hassanlouei B**, Goodarzi A. Systematic review of single and combined treatments for different types of striae: A comparison of

striae treatments. Journal of the European Academy of Dermatology and Venereology. 2021 May 22.

- Ahmadi M, Mashoufi M, Barzegari S, Kebar SM, Hoseininia S, **Hassanlouei B**, Nesaz HS, Barzegari R. Geographical accessibility to the hemodialysis centers in Ardabil, Iran. Journal of Nephro pharmacology. 2022;11(2).
- Forouzesh M., Dadashzadeh N., Farshid S., **Hassanlouei B.**, Vazifekhah S., Valizadeh R. Diagnostic points in radiology for pregnant and non-pregnant patients with COVID-19. REJR 2021; 11(4):20-24. DOI: 10.21569/2222-7415-2021-11-4-20-24.
- Matloobi M, Amini L, ShahAli S, Haghani H, Tahermanesh K, **Hassanlouei B**, Allahqoli L, Alkatout I. Effect of sex education on sexual function and sexual quality of life in women with endometriosis: a quasi- experimental study. International Journal of Gynecology & Obstetrics. 2022 May 6.
- Bayani R, Mousavi Darzikolae N, Sadighi Pashaki A A , Fadavi P, **Hassanlouei B**, et al. High Dose Brachytherapy Boost after Chemoradiation in Rectal Cancer Patients: A Retrospective Study. Int J Cancer Manag. 2022;15(5):e121298.
- **Hassanlouei B**, Ostovar A, Motevalian SA, Motlagh A, Moradi Y, Salehi M, Asadi Lari M. Colorectal Cancer Screening Program Results in Iran. Med J Islam Repub Iran. 2022 (xx);36:x. <https://doi.org/10.47176/mjiri.36.x> .
- Mohamadi S, Salavati M, Ebrahimi I, Jafarpisheh AS, **Hassanlouei B** (2022) Fear Effects on Subjective and Objective Measures of Function in Chronic Ankle Instability, Coper and Healthy Participants. Clin Res Foot Ankle, 10: 353. Doi: 10.4172/2329-910X.1000353.
- Reliability and Validity of Persian version of Perceived Stress Scale (PSS) in middle-Aged healthy population, Fatemeh Mohammadsefat Rudsari, Seyed Abbas Motevalian, Hamidreza Baradaran, Hadi Azani, Rezvan Rajabzadeh, **Babak Hassanlouei**,(Submitted).
- **Hassanlouei B**, Sokoty L, Rimaz S, Kermani M, Janani L.Short-term effects of air pollutants on hospitalization in patients with respiratory disease: a case-crossover study, (Submitted).
- , Ebrahimpour M, Allahqoli L, **Hassanlouei B**, Gitas G, Alkatout I, Domestic violence against women in Iran during the covid-19 lockdown period, (Submitted).

Current Research Projects:

- Hajsadeghi Sh, Sezavar H, Zeratian S, Pakbaz m, Sadeghipour A, **Hassanlouei B**, Hajahmadi M. Evaluation of Left Ventricular dysfunction prevalence after brain death in patients without history of cardiovascular disease and candidate for cardiac donation by using 2D-echocardiography and Global longitudinal strain (G)
- Salmaniyan S, Asadi-Lari M, **Hassanlouei B**. Study of the relationship among height, weight and body mass index with 5-year survival of ten common cancer in patients with cancer referred to Haft-e-Tir hospital during 2012-2013.
- Eqbalian F, Gobadi A, Goudarzi A, **Hassanlouei B**. The Efficacy and Safety of Jujube Oxymel in Chronic Spontaneous Urticaria, A Double-Blind, Randomized, clinical Trial.
- Bemaiyan m, Arshi S, Nabavi M, Shokri S, **Hassanlouei B**. Efficacy of Hydroxychloroquin versus clarithromycin in improvement of dyspnea and caught in patients after treatment of acute phase covid19.
- Bazargan A, **Hassanlouei B**. Association between diet and severity of seborrheic dermatitis lesions in patients referred to Firoozabadi and Rasool dermatology clinic.
- **Shiraz E, Hadi F**, Ghazizade M Study, Sadeghi H, **Hassanlouei B**. Study of help seeking behavior in 18-22 years old iran university of medical science students in 1398.
- Vaziri m, Negahi A. **Hassanlouei B**. Glasgow prognostic score as a prognostic factor in patient undergoing surgery for clorectal, gastric, lung, esophagus and breast cancer.
- Asadi-Lari M, **Hassanlouei B**, Motevalian A, Motlaq A, Sahehipour M. Evaluation of colorectal cancer screening program in health system and development of a faecal immunochemical test-based prediction model for colorectal cancer.
- Novin K, Garousi M, **Hassanlouei B**. Psychological impact of covid 19 on cancer patients.
- Novin K, Garousi M, **Hassanlouei B**. Assess the validity of IES-R questionnaire in cancer patients and psychological effect of covid-19 pandemic on these patients according to this questionnaire
- Aghakhani K, **Hassanlouei B**, Memarian A, Molaei F. Prevalence and impact of comorbidities on patients with COVID-19 prognosis.
- Kamali A, **Hassanlouei B**, Samimi K, Motamedi O. The clinical, laboratory and spiral chest CT scan characteristics of COVID-19 patients and their relationship.

- Maryam Gharacheh, **Babak Hassanlouei**, Janani Leila, , Leila Allahqoli , A comparative study on the reproductive health outcomes before and after the beginning of COVID-19 pandemic (NIMAD).
- Maryam Gharacheh, Janani Leila, , Leila Allahqoli, **Babak Hassanlouei** , Effect of the COVID-19 pandemic on maternal and child health services in Iran. National Institute for Medical Research Development (NIMAD). 2020. CoPI.
- Maryam Gharacheh, Janani Leila, **Babak Hassanlouei** , Leila Allahqoli , An ecological study on the reproductive health outcomes before and after the beginning of the COVID-19 pandemic. (National Institute for Medical Research Development)(NIMAD). CoPI. 2020.
- Maryam Gharacheh, **Babak Hassanlouei**, Janani Leila, , Leila Allahqoli , Prevalence of domestic violence and its correlates among married women attending healthcare centers during COVID-19 pandemic in Iran. (WHO/EMRO). CoPI. 2020.

Software Skills

SPSS

Stata

EndNote

Microsoft Office

R