

Seyyed Mohammad Hosseini

Email seyedmh1998@gmail.com

Institutional Email s.mohammadhosseini@shahed.ac.ir

EDUCATION

10.2017 - 02.2024

Shahed University College of Medicine, Tehran, Iran

General Medicine

Total GPA: 18.02 /20 (Ranked #1)

09.2013 - 09.2017

**National Organization for Development of Exceptional Talents
(NODET), Tehran, Iran**

High school diploma

Total GPA: 19.88/20 (Ranked #1)

RESEARCH EXPERIENCES

Since 04.2024

- **Researcher, Advanced Diagnostic and Interventional Radiology Research Center (ADIR), Tehran University of Medical Sciences (TUMS), Tehran, Iran.**

Since 02.2021

- **Researcher, Medical Students Research Committee, Shahed University College of Medicine, Tehran, Iran.**

Since 05.2021

- **Research Assistant, Rheumatology Research Center, Shariati Hospital, Tehran University of Medical Sciences (TUMS), Tehran, Iran.**

PUBLICATIONS

- **Hosseini SM, Talebi Boroujeni P, Dalil D, Hosseini Siyanaki MR, Golestanha SA, Gity M. Worldwide Knowledge About Interventional Radiology Among Medical Students: Findings of a Comprehensive Review. CardioVascular and Interventional Radiology. 2023 Nov;46(11):1641-54.**
- **Hosseini SM, Gity M, Boroujeni PT, Ahmadabad MA, Jahanshahi A. Application of Elastography in the Diagnosis of Idiopathic Granulomatous Mastitis (IGM): A Systematic Review. Iranian Journal of Radiology. 2023;20(3).**

-- RESEARCH INTERESTS --

Medical Imaging

Diffusion Tensor Imagng

Ultrasound / Elastography

----- MEMBERSHIPS -----

Advanced Diagnostic and
Interventional Radiology Research
Center (ADIR), Tehran University of
Medical Sciences (TUMS), Tehran,
Iran.

Medical Students Research
Committee, Shahed University
College of Medicine, Tehran, Iran.

Rheumatology Research Center,
Shariati Hospital, Tehran
University of Medical Sciences
(TUMS), Tehran, Iran.

----- LANGUAGES -----

Persian: Native
English: Advanced
Arabic: familiar

- Tavakoli F, Dalil D, Yaghoubi F, **Hosseini SM**. Guillain–Barre syndrome after antithymocyte globulin administration in a kidney transplant recipient: A case report and literature review. *Clinical Case Reports*. 2023 Nov;11(11):e8184.
- Yaghoubi F, Dalil D, Tavakoli F, **Hosseini SM**. Relapsing anemia associated with parvovirus B19 infection in a kidney transplant recipient: A case report and review of the literature. *Clinical Case Reports*. 2023 Sep;11(9):e7906.
- Kazemipoor N, Arefzadeh A, Dalil D, Shiehsmorteza M, **Hosseini SM**. Serum melatonin levels in type 2 diabetic patients with depressive symptoms compared to non-depressed individuals. *Caspian J Intern Med*. 2024 Summer;15(3):421-429. doi: 10.22088/cjim.15.3.421.
- Yaghmaei H, Nojoudi S, Soltanipur M, Shahshenas S, Rezaei M, Mirhosseini SM, **Hosseini SM**, Siadat SD. Role of Gut-liver Axis in Non-alcoholic Fatty Liver Disease: A Mini Review. *Iranian Biomedical Journal*. 2024 Nov, doi: 10.61186/ibj.4212.
- **Hosseini SM**, Kasaeian A, Mohammadi S, et al., ABO and Rhesus Blood Groups and Rheumatic Diseases: A Multicenter Study with Propensity Score Matching Analysis. Under review.
- Mirzamohammadi A, Salehi O, **Hosseini SM**, et al., The relationship between socioeconomic status and Behcet’s disease manifestations. Under review.
- Shobeiri P, Talebi Boroujeni P, Broomand N, **Hosseini SM**, et al., Cerebellar Microstructural Abnormalities in Alzheimer’s Disease: A Systematic Review of Diffusion Tensor Imaging Studies. Under review.
- Dalil D, Khavanin Zadeh M, **Hosseini SM**, et al., Effect of Anatomical Location and Preoperative Blood Biomarkers on Arteriovenous Fistula Maturation in Hemodialysis Patients. Under review.
- Yaghoubi F, Dalil D, Tavakoli F, **Hosseini SM**, Isakhani M. Pulmonary nocardiosis in kidney transplant recipients: case report and analysis of 60 published cases. Under review.

----- SKILLS -----

Study design and methodology
Scientific writing
Good research teamwork
Professional behavior
Clinical skills and good communication with patients

----- SOFTWARE -----

SPSS
Python
R
Image Segmentation
WORD
EXCEL
PowerPoint
Endnote
Mendeley

----- PRESENTATIONS -----

- **Hosseini SM**, Gity M. Are US Medical Students familiar with Interventional Radiology? A Systematic Review. American College of Radiology Annual Meeting. 2023 May; Poster Presentation. Link: <https://acr2023.eventscribe.net/posters/posterWall.asp>
- **Hosseini SM**, Talebi Boroujeni P, Gity M. Differentiation of Idiopathic Granulomatous Mastitis from breast malignancies using Elastography: A Systematic Review. European Congress of Radiology. 2023 Mar; Poster Presentation. Link: <https://dx.doi.org/10.26044/ecr2023/C-13353>
- **Hosseini SM**, Yarmohammadi H, Bahanesteh AH, Mahdavi Anari SF. Application of Ultrasound Elastography for Breast Cancer-Related Lymphedema Diagnosis and Staging: A Systematic Review. 37th Iranian Congress of Radiology. 2022 July; Poster Presentation. Link: <https://37.icrad.ir/paper-submission/>
- **Hosseini SM**, Goudarzi H, Roghani M. Acetyl-L-carnitine administration can reverse microplastic hepatotoxicity in mice. 18th National Congress of Biochemistry and 9th International Congress of Biochemistry and Molecular Biology. 2024 October; Oral Presentation. Link: https://icbmb.ir/files/site1/files/Scientific_Program_ICBMB_2024_Final-6.pdf
- Goudarzi H, **Hosseini SM**, Roghani M. Lipoic acid can prevent microplastic-induced contractile response change in rat trachea. 18th National Congress of Biochemistry and 9th International Congress of Biochemistry and Molecular Biology. 2024 October; Oral

Presentation. Link:

https://icbmb.ir/files/site1/files/Scientific_Program_ICBMB_2024_Final-6.pdf

----- COURSES -----

- Programming for Everybody (Python). The University of Michigan, 2023 Mar. Certificate:
<https://www.coursera.org/account/accomplishments/verify/ANEN53B3DLE5>
- Epidemiology for Public Health. A sequence of 3 courses: Measuring Disease in Epidemiology, Study Designs in Epidemiology, and Validity and Bias in Epidemiology. Imperial College London, 2023 Oct. Certificate:
<https://www.coursera.org/account/accomplishments/specialization/YE6AMJQZF7BA>
- Summary Statistics in Public Health. Johns Hopkins University, 2023 Dec. Certificate:
<https://www.coursera.org/account/accomplishments/verify/B5UEB8M26LMB>
- Introduction to Machine Learning. Duke University, 2022 Oct. Certificate:
<https://www.coursera.org/account/accomplishments/verify/938ZSJNQGUTO>
- Course on Statistical Analysis and SPSS Software, Tarbiat Modares University, Tehran, Iran (14 Hours)
- Course on Writing a Systematic Review, Isfahan University of Medical Sciences, Isfahan, Iran (8 Hours)
- Course on Methodology of Studies and Study Design, Advanced Scientific Search, Scientific Writing, and Submitting a Paper, Shahed University College of Medicine, Tehran, Iran (18 Hours)
- Course on Citation Managers (Endnote and Mendeley), Tehran University of Medical Sciences, Tehran, Iran (8 Hours)
- Course on Writing a Narrative Review, Tehran University of Medical Sciences, Tehran, Iran (6 Hours)

----- HONORS AND AWARDS -----

- Ranked **first** in high school based on a GPA of 19.88/20
- Ranked **first** in the medical school based on a GPA of 18.02/20
- Ranked 900 out of about 600000 participants in the national entrance exam of Iranian universities of medical sciences in 2017 (Konkour-e-Sarasari 1396)
- Among the top scores of the comprehensive exam of basic medical sciences for entering the clinical course of medicine.