

Narges Azizi MD, B.Sc. Mechanical Engineering

• nargesazizi05@gmail.com • n-azizi@student.tums.ac.ir • [ORCID: 0000-0003-2464-2473](https://orcid.org/0000-0003-2464-2473) • [LinkedIn](#)

Education

2015-2023 Tehran University of Medical Science, Department of Medicine

Medical Doctorate

GPA: 17.92/20

- Thesis: MicroRNA-Mediated Regulation of Epithelial-Mesenchymal Transition in Acute Kidney Transplant Rejection.
- Member of student research committee.

2009-2013 University of Zanjan, College of Engineering, Department of Mechanical Engineering
B.Sc., Mechanical Engineering

Research Interest

Multimodal Brain MRI Analysis and Data Curation | Neurodegenerative Diseases | Brain Tumors | Diffusion Tensor Imaging (DTI) | Functional and Structural Brain Connectivity

Research Experience

2023- Now Research Associate at Advanced Diagnostic and Interventional Radiology Research Center, Imam Khomeini Hospital Complex, Tehran University of Medical Science.

Main Projects: DTI Analysis of Sensory Systems During Cognitive Decline in Neurodegenerative Disorders; Designing and Leading Systematic Reviews and Meta-Analyses; Curating Clinical Data for Interventional Radiology Procedures: Brain Aneurysms, AVMs, and Carotid Stents; Using Multimodal MRI and Radiomics Models to Differentiate Vasogenic and Cytotoxic Edema Around High-Grade Gliomas for Targeted Treatment.

2023-Now More than 10 invited-reviews for top-tier journals, such as Academic Radiology, and International Journal of Surgery.

Academic and Professional Experience

2022-Now **Cofounder and CEO:** [Atieh Surin Intelligent Technology](#) – A Startup Specializing in Digital Healthcare Systems Focused on Preventive Medicine

2023 **Instructor:** Participated as an invited instructor in the workshop of “machine learning as a medical designer”

2021-2023 **Medical Internship:** Twenty-Month extensive medical internship in medicine: Surgery, Internal Medicine, Pediatrics, Cardiology, Obstetrics and Gynecology, and Emergency Medicine.

Skills

Statistics & Coding

- Python: Intermediate
- R Program: Intermediate (analysis, visualization)

- MS Excel: Proficient (forms, data handling)
- SPSS: Proficient
- Comprehensive Meta-Analysis: Proficient
- RevMan: Intermediate

Research Skills

- Data Gathering, Validation, and Curation
- Research Methodology and Design
- Scientific Writing
- Systematic Review and Meta-analysis

Neuroimaging Analysis

- ExploreDTI: Advanced
- FreeSurfer: Advanced
- SPM12, ANTS, 3D Slicer, ITK-SNAP: Familiar

Visualization

- BioRender

Personal Skills

- Multidisciplinary Teamwork
- Problem Solving
- Self Learning

Medical Journalism

- Peer-review

Language

- English (Upper-intermediate)
- Persian (Native)

Awards and Honorst

- First Place, Iranian Congress of Patient Education and Self-Curation, 2024 Clinup Smart Checkup

Publications

- Azizi, N., Issaiy, M., Jalali, A.H. *et al.* Perfusion-weighted MRI patterns in neuropsychiatric systemic lupus erythematosus: a systematic review and meta-analysis. *Neuroradiology* (2024).
- Azizi, N., Naghibi, H., Shakiba, M. *et al.* Evaluation of MRI proton density fat fraction in hepatic steatosis: a systematic review and meta-analysis. *European Radiology* (2024).
- Sohrabi-Ashlaghi, A., Azizi, N., Abbastabar, H. *et al.* Accuracy of radiomics-based models in distinguishing between ruptured and unruptured intracranial aneurysms: A systematic review and meta-analysis. *European Journal of Radiology* (2024).
- Etesami, I., Azizi, N., Sabrinejad, R. *et al.* Sonographic Skin Features and Shear Wave Elastography in Distinguishing Active from Inactive Morphea Lesions: A Case-control Study. *Journal of American Academy of Dermatology (JAAD)* (2024).
- Khorasanizadeh, F., Azizi, N., Cannella, R. *et al.* An exploration of radiological signs in post-intervention liver complications. *European Journal of Radiology* (2024).
- Kolahi, S., Zarei, D., Issaiy, M. *et al.* Choroid plexus volume changes in multiple sclerosis: insights from a systematic review and meta-analysis of magnetic resonance imaging studies. *Neuroradiology* (2024).
- Rezaee, M., Azizi, N., Danaei, B. *et al.* TB and interstitial lung disease: a systematic review and meta-analysis. *The International Journal of Tuberculosis and Lung Disease* (2024).
- Azizi, N., Zangiabadian, M., Seifi, G. *et al.* Gastric Cancer Risk in Association with Underweight, Overweight, and Obesity: A Systematic Review and Meta-Analysis. *Cancers* (2023).

References

Professor Hossein Ghannati, MD-Ph.D. Head of Radiology Departement, Imam Khomeini Hospital Complex, Tehran University of Medical Science. Former President of Tehran University of Medical Sciences (Iran's Leading Medical University). (Ghanaati@yahoo.com)

Professor Kavous Firouznia, MD. Principal Investigator of Diagnostic and Interventional Radiology Research Center, Imam Khomeini Hospital Complex, Tehran University of Medical Science. (k_firouznia@yahoo.com)