

ELAHE AMINI

Gender: Female

Clinical Scientist

Nationality: Iran

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📍 : Rasoul Akram Hospital, Niayesh St., Sattarkhan Ave., Tehran, Iran., Tehran, Tehran.

EDUCATION

Iran University Of Medical Sciences - M.D.

(General Practitioner)

Tehran, Graduate.

September 2007 - August 2015

ENT And Head & Neck Research Center, Iran University Of Medical Sciences - M.D.

(Research Assistant)

Tehran, Graduate.

August 2015 - August 2017

Iran University Of Medical Sciences - M.D, Ph.D

(Neurologist, Clinical Science)

Tehran, Graduate.

September 2017 - April 2023

Assistant Professor of Neurology, Iran University Of Medical Sciences

September 2024-

PUBLICATIONS

- 1- Amini E, Rohani M, Lang AE, Azad Z, Habibi SAH, Alavi A, et al. Estimation of Ambulation and Survival in Neurodegeneration with Brain Iron Accumulation Disorders. *Movement Disorders Clinical Practice*. 2024;11(1):53-62.
- 2- Amini E, Moghaddasi M, Habibi SAH, Azad Z, Miri S, Nilforushan N, et al. Huntington's disease and neurovascular structure of retina. *Neurological Sciences*. 2022;43(10):5933-41.
- 3- Azar, M., et al., Gamma Knife radiosurgery for cavernous sinus meningiomas: analysis of outcome in 166 patients. *Stereotactic and functional neurosurgery*, 2017. 95(4): 259-267.
- 4- Ahmadzadeh, A., et al., Hearing status in patients with rheumatoid arthritis. *The Journal of Laryngology & Otology*, 2017. 131(10): 895-899.
- 5- Azar, M., et al., Gamma knife radiosurgery in sphenopetroclival meningiomas: preliminary experience at the Iran Gamma Knife Center. *World Neurosurgery*, 2016. 93: 39-43.
- 6- Jahanbakhshi, A., et al., Gamma Knife stereotactic radiosurgery for cerebellopontine angle meningioma *Clin. Neurol. Neurosurg*. 2019;187:105557.
- 7- Nooshabadi, V.T., et al., Impact of exosome loaded chitosan hydrogel in wound repair and layered dermal reconstitution in mice animal model. *Journal of Biomedical Materials Research Part A*, 2020;108 (11):2138-2149

- 8- Jalalvand K, et al., Evaluation of Phenotypic and Genotypic Characteristics of Carbapenemes-producing Enterobacteriaceae and Its Prevalence in a Referral Hospital in Tehran City. *Iran J Pathol.* 2020;15(2):86-95.
- 9- Asghari, A., et al., Vitamin D levels in children with adenotonsillar hypertrophy and otitis media with effusion. *Iranian Journal of Otorhinolaryngology*, 2017. 29(90): 29.
- 10- Kamrava, S.K., et al., Evaluation of culturally-familiar odorants for a Persian smell identification test. *Iranian Journal of Otorhinolaryngology*, 2018. 30(96): 19.
11. Azar, M, et al. Outcomes of Gamma Knife Radiosurgery in Patients with Parasagittal Meningioma. *Iranian Journal of Neurosurgery*, 2018, 4.4: 205-212.?
12. Jalessi, M, et al. Is the Persian version of the ?Olfactory Disorder Questionnaire? reliable and valid? *Iranian Journal of Otorhinolaryngology*, 2017, 29.93: 209.?
13. Kamrava, SK et al. Validity and Reliability of Persian Smell Identification Test. *Iranian Journal of Otorhinolaryngology*, 2020, 32.109: 65
14. Jalessi, M, et al. Impact of endoscopic endonasal pituitary surgery on nasal airway patency. *Medical Journal of the Islamic Republic of Iran*, 2016, 30: 379.?
15. Jalessi, M., et al. Frequency and outcome of olfactory impairment and sinonasal involvement in hospitalized patients with COVID-19. *Neurol Sci* 2020;41(9):2331-2338.
<https://doi.org/10.1007/s10072-020-04590-4>
16. M Jalessi, et al. The outcome of olfactory impairment in patients with otherwise paucisymptomatic coronavirus disease 2019 during the pandemic. *The Journal of Laryngology & Otology*;2021, 135 (5), 426-435.
17. Seyed Kamran Kamrava, et al. study of depression, partnership, and sexual satisfaction in patients with post-traumatic olfactory disorders. *Scientific Reports* 2021;11(1):20218.
18. Maziar Emamikhah, et al. Identical twins with progressive kyphoscoliosis and ophthalmoplegia. *Parkinsonism & related disorders*, 2021;92:119-122.
19. Mahisa Mokhtari, et al. Effectiveness and Safety of Low-dose Rituximab in the Treatment of Demyelinating Diseases of the Central Nervous System. *Scientific Reports*,2022; 9 (5), 9-12
20. Eyvazzadeh, N., et al., Gold-coated magnetic nanoparticle as a nanotheranostic agent for magnetic resonance imaging and photothermal therapy of cancer. *Lasers in medical science*, 2017. 32(7): 1469-1477.
21. Jalessi, M., et al., Impact of nasoseptal flap elevation on sinonasal quality of life in endoscopic endonasal approach to pituitary adenomas. *European Archives of Oto-Rhino-Laryngology*, 2016. 273(5): 1199-1205.
- Dadfar, M., et al. Clinical and Radiological evaluations in patients with choreachantocytosis referred to Rasool-e-Akram Hospital (Tehran) in 2018-2019. *Tehran University of Medical Sciences Journal*.2023,11(79),846-853
23. Amini E, Rohani M, Fasano A, Azad Z, Miri S, Habibi SAH, et al. Neurodegeneration with Brain Iron Accumulation Disorders and Retinal Neurovascular Structure. *Movement Disorders*. 2024;39(2):411-23.
24. Habibi SAH, Aghavali S, Azad Z, Amini E, Falah M, Gholibeigian Z, et al. Transcranial sonography in neurodegeneration with brain iron accumulation disorders. *Clinical Neurology and Neurosurgery*. 2024;236:108074.

25. Amini E, Azad Z, Mirshahi R, Rohani M. A surprising presentation of atypical pantothenate kinase-associated neurodegeneration disorder: metamorphopsia. *Neurological Sciences*. 2023;44(7):2595-7.
26. Emamikhah M, Shahidi G, Amini E, Fasano A, Lang AE, Gorodetsky C, et al. Identical twins with progressive kyphoscoliosis and ophthalmoplegia. *Parkinsonism & Related Disorders*. 2021;92:119-22.
27. Ghasemi, A., Ardakani, M. E., Togha, M., Yazdi, N., Lang, A. E., Amini, E, A Novel Homozygous Variant in the MCOLN1 Gene Associated With Severe Oromandibular Dystonia and Parkinsonism. *Canadian Journal of Neurological Sciences*, 2024, 1-9.

HONORS

Member of the National Elites Foundation

Top 10% of Medical Graduation

Top 10% of Board-Certified Neurology

Patents

Iran Patent 139750140003005828: "Localization of smell Sniffin stick test in Iran", October 9, 2018.

GOOGLE SCHOLAR, H INDEX: 13, CITATIONS: 557

<https://scholar.google.com/citations?user=IU1aMqQAAAAJ&hl=en>

SCOPUS, H INDEX: 11, CITATIONS: 338

https://isid.research.ac.ir/Elahe_Amini2

PRESENTATION OF POSTERS AT INTERNATIONAL CONFERENCES

- 1- Meningoencephaloce of Planum Sphenoidale; Watch out for the optic nerve! XVI.World Congress of Neurosurgery, from 20-25, August 2017, Istanbul, Turkey.
- 2- Can we predict visual impairment based on the size of the pituitary tumor? 15th JUNE 2016 - World Skull Base 2016, 14-17 June 2016, Osaka, Japan.
- 3- Ambulation and Survival in Neurodegeneration with Brain Iron Accumulation, Nov 2024 , istanbul universitesi beyazit kampus, Turkey
- 4- An Unusual Presentation of Atypical Pantothenate Kinase-Associated Neurodegeneration: Metamorphopsia , Nov 2024 , istanbul universitesi beyazit kampus, Turkey
- 5- Olfactory Status in Neurodegeneration with Brain Iron Accumulation, Nov 2024 , istanbul universitesi beyazit kampus, Turkey
- 6- Retinal Neurovascular Structure in Neurodegeneration with Brain Iron Accumulation, Nov 2024 , istanbul universitesi beyazit kampus, Turkey
- 7- Transcranial Sonography in Neurodegeneration with Brain Iron Accumulation, Nov 2024 , istanbul universitesi beyazit kampus, Turkey

CONTRIBUTION HISTORY TO RESEARCH PROJECTS

- 1- Registry of Iranian's Neurodegeneration with Brain Iron Accumulation (NBIA) disorders data
- 2- The reliability and validity of the Persian version of the questionnaire of olfactory disorders (QOD) among patients with olfactory dysfunction
- 3- Frequency and outcome of olfactory impairment and sinonasal involvement in hospitalized patients

with COVID-19

- 4- Olfactory Outcome in Patients with Olfactory Groove Meningioma after Gamma Knife Radiosurgery
- 5- Evaluation of olfactory status (by sniffin stick test) in patients with Neurodegenerative Brain Iron Accumulation disorders
- 6- Gamma Knife Stereotactic Radiosurgery for cerebellopontine angle meningioma
- 7- Evaluation of gamma knife radiosurgery on skull base meningioma
- 8- Impact of nasoseptal flap elevation on sinonasal quality of life in endoscopic endonasal approach to

pituitary adenomas

- 9- Evaluation of gamma knife radiosurgery on skull base Chordoma
- 10- Genotype, Phenotype & Neuroimaging Studies of Patients with Neuroacanthocytosis
- 11- Evaluation of neurovascular structure of retina and olfaction in Huntington's disease
- 12- Evaluation of neurovascular structure of retina and olfaction in Neurodegeneration with brain iron accumulation disorders (NIMAD)
- 13- Spontaneous bony regeneration of the sellar floor following endoscopic endonasal transsphenoidal surgery in patients with pituitary adenoma
- 14- Evaluation of the salivary glands in Neurodegeneration with brain iron accumulation disorders
- 15- Gold-coated magnetic nanoparticle as a nanotheranostic agent for magnetic resonance imaging and photothermal therapy of cancer
- 16- Evaluation of gait and balance status in Neurodegeneration with brain iron accumulation disorders
- 17- Evaluation of the salivary glands in Parkinsonism disorders
- 18- Evaluation of olfaction in Parkinsonism (Parkinson plus) disorders
- 19- Evaluation of gait and balance status in Parkinsonism (Parkinson plus) disorders
- 20- Hearing status in patients with rheumatoid arthritis
- 21- Validity and Reliability of Persian Smell Identification Test
- 22- Evaluation of brain Iron accumulation pattern (by TransCranial Doppler) in Neurodegeneration with Brain Iron Accumulation disorders
- 23- Depression and sexual satisfaction in patients with post-traumatic olfactory disorders
- 24- Evaluation of visual impairment based on the size of the pituitary tumor
- 25- The outcome of olfactory impairment in patients with otherwise paucisymptomatic coronavirus disease 2019 during the pandemic
- 26- Evaluation of culturally-familiar odors for a Persian smell identification test

SKILLS

SPSS Software Data Analysis



Leadership Experience



Computer Proficiency



Microsoft Word, Excel,

Powerpoint



End Note



HOBBIES

Neurodegenerative Disorders, Neuro-ophthalmologic Disorders, Olfaction
Disorders, Neuroscience, Machine Learning, Artificial Intelligence, Brain Stereotactic
Radiosurgery, Nanomedicine,,

REFEREES

Available on Request