

Curriculum Vitae



Saba Naghavi

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Address:

Department of Neurology, School of Medicine, Isfahan University of Medical Sciences, Isfahan, IRAN.

Ayatollah Kashani Hospital, Phone: +98 3132330091

E-mail: saba.naghavii@gmail.com

Personal information:

Date of birth: 21 April 1990

Birth place: Isfahan, Iran

Marital status: Married

Citizenship: Iranian

Education:

- Doctorate of Medicine, General Practitioner, Islamic Azad University, Najaf Abad Branch, Isfahan, Iran. 2009-2016.
- Post-Doctoral Neurology, Isfahan University of Medical Sciences, Isfahan, Iran. 2019-2023.
- Fellow, Multiple Sclerosis (MS) Fellowship Program (in training), Isfahan University of Medical Sciences, 2025–2026.

Presentation:

- Best Oral presentation, 19th International MS congress of Iran, 2022: Effect of deep gray matter atrophy on information processing speed in early relapsing-remitting multiple sclerosis.
- Presented a poster abstract entitled, Evaluation of the efficacy of mean cross sectional area measurements of upper spinal cord in brain MRI in identifying multiple sclerosis patients. 19th International MS congress of Iran, 2022.
- Oral presentation, 20th International MS congress of Iran, 2023: Relationship between severity of sleep disorder and information processing speed in people with multiple sclerosis.

Executive activities:

- Executive Member of the Isfahan Neurosciences Research Center, 2023.
- Executive Member of 1st National Symposium of regenerative medicine: Stem cell in Neurological Disorder, 2024.
- Secretary and Executive Member of Iranian Collaborative for Autoimmune Neurology, 2024.
- Secretary and Executive Board Member, Isfahan Neuroscience Society, 2025.

Publication:

- Sleep disorders and associated factors in multiple sclerosis patients: a cross-sectional study in Iran. BMC Neurology, 2025.
- Hyperprolactinemia as a manifestation of multiple sclerosis attack. BMJ Neurology Open, 2025.
- The role of imaging in predicting 3-month prognosis of primary intracerebral hemorrhage: a single-center, prospective observational study in tertiary care hospital. Quantitative Imaging in Medicine and Surgery, 2025.
- Relationship between sleep disorders and information processing speed in multiple sclerosis. Clinics, 2025.
- Bilateral optic neuritis as an atypical presentation of juvenile Behcet syndrome: A case report. eNeurologicalSci, 2025.

- Early clinical response and complications of therapeutic plasma exchange in central nervous system demyelinating diseases. *Journal of Central Nervous System Disease*, 2024.
- Plasmapheresis and IVIG for Treatment of Non-Tumor Anti-Tr/DNER Antibody-Associated Ataxia: A Case Report. *Cerebellum*, 2024.
- Effect of deep gray matter atrophy on information processing speed in early relapsing-remitting multiple sclerosis. *Multiple Sclerosis and Related Disorders*, 2023.
- Thalamic asymmetry in Multiple Sclerosis. *Multiple Sclerosis and Related Disorders*, 2023
- The benefit of intravenous immune globulin in the treatment of delayed radiation myelopathy. *Strahlentherapie und Onkologie*, 2023.
- Presentation of Cerebral Autosomal Dominant Arteriopathy with Subcortical Infarcts a Leukoencephalopathy (CADASIL) in the Acute Phase of COVID-19 Infection. *Journal of Clinical Neurology*, 2023.
- COVID-19 infection and hospitalization rate in Iranian multiple sclerosis patients: what we know by May 2021. *Multiple Sclerosis and Related Disorders*, 2022.
- Safety of Sinopharm vaccine for people with Multiple Sclerosis: Study of adverse reactions and disease activity. *Multiple Sclerosis and Related Disorders*, 2022.
- Familial Mediterranean Fever and Transverse Myelitis: A Causal Relation? *Neurology and Therapy*, 2022.
- Fulminant neuromyelitis optica spectrum disorder (NMOSD) following COVID-19 vaccination: A need for reconsideration? *Multiple Sclerosis and Related Disorders*, 2022
- Abrupt bilateral blindness as a rare post-acute demyelinating consequence of COVID-19. *e Neurological Science*, 2022.
- First Presentation of COVID-19 infection with Cognitive impairment due to encephalitis, A case series. *Romanian Journal of Neurology*, 2021.
- Rivaroxaban in Recurrent Ischemic Stroke Due to Protein S Deficiency: A Case Report. *Neurology and Therapy*, 2021.

- Paraparesis due to aortic thromboembolism as a rare complication of COVID-19 infection. *Journal of Vascular Surgery*, 2021.
- Association of dietary patterns during pregnancy and cord blood nitric oxide level with birth weight of newborns. *International Journal of Pediatrics*, 2017.

Manuscripts under review:

- Fatigue in Neuromyelitis Optica Spectrum Disorders and Early Relapsing-Remitting Multiple Sclerosis: Insights from Magnetic Resonance Imaging.
- Radiomic biomarkers from 3D brain MRI for multiple sclerosis phenotyping: An in-depth machine analysis.
- Recurrent optic neuritis as the first presentation of monoclonal gammopathy of undetermined significance (MGUS); a case report

Ongoing researches:

- Automatic extraction of MRI-based features from corpus callosum and analysis of their relationship with the clinical course of the disease in MS patients.
- Evaluation of the efficacy of cross-sectional area measurements of the upper spinal cord in brain MRI in identifying the progression of disease in multiple sclerosis patients.
- Evaluation the frequency of information processing speed impairment during relapse, one and three months after that in patients with relapsing-remitting multiple sclerosis and its relationship with thalamus and hippocampus volume in MRI at Isfahan city in 2023.
- Design of mobile application for cognitive remote monitoring in multiple sclerosis patients (PADTAN, remote monitoring of ability and disability)
- Assessment of adherence and usability metrics in PODTAN, a mobile application for cognitive remote monitoring in multiple sclerosis patients (an observational, descriptive-analytical, cross-sectional Feasibility study).
- Functional Neurologic Disorder or Real Stroke: A Case Report on Differentiation.