

MOHAMMAD ALI SAHRAIAN

Current Rank/Department: Neurologist/MS Research Center

Tehran University of Medical Sciences

Contact Information:

Academic Rank: Associate Professor

Department: MS Research Center, Department of Neurology, Tehran University of Medical Sciences

Address: Imam Khomeini Ave., Hasan Abad Sq., Sina Hospital

Tehran – Iran

Tel: (+9821) 66706142

Fax: (+9821) 66706141

E-mail: msahrai@tums.ac.ir & Sahraian1350@yahoo.com

Education:

2006 – 2007

Fellowship in “MS”

MS Research Group

Basel University Hospital

Basel - Switzerland

1997 – 2001

Course of Specialty in “Neurology”

Tehran University of Medical Sciences

Tehran – Iran

1991 – 1997

General Medicine (MD)

Shiraz University of Medical Sciences

Shiraz– Iran

Further Training Courses/Workshop Attendance:

- 2008** *Teaching in outpatients clinic, Sina Hospital*
- 2004** *New methods of medical education and evaluation, Tehran University of Medical Sciences (A 40-day workshop)*
- 2004** *Reasonable drug prescription, Tehran University of Medical Sciences (A 3-day workshop)*

Highlighted Educational/Occupational Qualifications:

- 1st Rank, National Neurology Board Exam, 2002
- 1st Rank, National University Entrance Exam, 1991

Professional Society Membership:

- 2001-Present** Iranian Neurological Association
- 1997 – Present** The Iranian Medical Organization

Work Experience:

Executive Activities

- **2007 – Present:** *Member of Mortality & Morbidity Committee, Sina University Hospital*
- **2007 – Present:** *Member of the Research Committee, The Iranian Center for Brain & Spinal Cord Repair*

- **2007– Present:** *Head of Education Development Office, Sina University Hospital*
- **2007– Present:** *Head of MS Clinic & Research Center, Sina University Hospital*
- **2007– Present:** *President of the Scientific Advisory Board, Iranian MS Society*
- **2004 – Present:** *Member of MS Research Committee, The Iranian Center for Neurological Research*
- **2002 – Present:** *Program director of medical students, Department of Neurology, Sina University Hospital*
- **2002 – Present:** *Consultant neurologist, Tehran Heart Center*
- **2002 – Present:** *Member of the Scientific Committee, Iranian MS Society*
- **2002 – Present:** *Member of the Research Committee, Department of Neurology, Sina University Hospital*
- **November 2004:** *Program director of the 1st National Multiple Sclerosis Congress, Tehran – Iran*
- **November 2008:** *Program director of the 5th National MS Congress, Tehran – Iran*
- **2008:** *Member of the Scientific Committee, MS International Federation (MSIF)*
- **May 2003:** *Program director of the 10th International Congress on Neurology & Electrophysiology, Tehran – Iran*
- **2003 – 2005:** *Director of international relations, Iranian MS Society*
- **2002 – 2005:** *Educational Committee Resident, Sina University Hospital*

Editorial Positions

- Member of the editorial board of “Iranian Journal of Neurology” (since 2003)

Clinical Activities

2001 – PRESENT

SINA UNIVERSITY HOSPITAL

Neurologist

Tehran – Iran

Teaching Service

2008 – PRESENT

TEHRAN UNIVERSITY OF MEDICAL SCIENCES

Associate Professor

Tehran – Iran

2002 – 2008

TEHRAN UNIVERSITY OF MEDICAL SCIENCES

Assistant Professor

Tehran – Iran

Thesis:

1. Navardi S, *MRI plaque distribution in Iranian patients with MS*, Specialty Course of “Neurology”, on-going (Advisor)
2. Darabi L, *Cardiac holter monitoring in patients with MS receiving IV methyle prednisolone*, Specialty Course of “Neurology”, on-going (Advisor)
3. Yordkhani F, *Stem cell transplantation in patient with ALS*, Specialty Course of “Neurology”, on-going (Advisor)
4. Aghsaiee M, *ApoE in Patients with clinically isolated syndrome*, General Medicine, on-going (Advisor)
5. Vejdani M, *Autoimmune disease in MS patients*, General Medicine, 2008 (Advisor)
6. Moghimi B, *Prevalence of APO E in patients with optic neuritis*, General Medicine, 2007 (Consultant)
7. Khoramnia S, *Pregnancy outcome in patients with Multiple Sclerosis*, General Medicine, 2007 (Consultant)
8. Abedini M, *Evaluation of serum and CSF magnesium in MS patients*, Specialty course of “Neurology”, 2007 (Advisor)
9. Eslami V, *Evaluation of glucose tolerance test in non diabetic stroke patients*, General Medicine, 2006 (Advisor)
10. Haghghat A, *Mortality and Morbidity after carotid endarterectomy in Sina hospital*. General Medicine, 2006 (Consultant)

11. Alighanbari S, *ALS in Iran, Demographic data of 200 cases*, General Medicine 2006 (Consultant)
12. Kiafar Nilavari, *Evaluation of chlamydia pneumonia infection in patients with ischemic stroke*, Specialty course of “Neurology”, 2005 (Consultant)
13. Firozi M, *Evaluation of seizure in stroke patients during hospital course*, General Medicine, 2005 (Advisor)
14. Shirani A, *Evaluation of serum prolactin in patients with multiple sclerosis*, General Medicine, 2005 (Consultant)
15. Khoram M, *Evaluation of subarachnoid hemorrhage in Sina Hospital*, General Medicine, 2005 (Consultant)
16. Kazemizadeh R, *Neurologic complications of kidney transplant in Sina hospital*, General Medicine, 2005 (Advisor)
17. Safavi F, *Complications of antiepileptic drugs in pregnancy*, General Medicine, 2005 (Advisor)
18. Nazari M, *Neurological complication of bone marrow transplantation*, General Medicine, 2005 (Advisor)
19. Rahmat M, *Comparison of Valporic acid efficacy in familial versus sporadic cases of Juvenile Myoclonic epilepsy*, Specialty course of “Neurology”, 2005 (Consultant)
20. Mostehaghan K, *Post-mortem cerebrospinal fluid analysis in ICU admitted patients*, Specialty course of “Anesthesiology”, 2005 (Consultant)

Research Interests:

- Multiple Sclerosis
- Neuromyelitis Optica

Research Projects:

Ongoing

- Papsmear examinations in patients with Multiple Sclerosis

- Hemoglobinopathies in patients with MS
- Islamic Fasting in patients with MS
- Evaluation of Metoral in reducing side effects of IV methyle prednisolone in patients with MS
- Q-T interval in different phases of disease in MS

Publications:

• Articles

✓ English

1. Togha M, **Sahraian MA**, Khorram M, Khashayar P. *Warning signs and symptoms of subarachnoid hemorrhage*. South Med J. December 10, 2008
2. Ghabaee M, Omranisikaroudi M, Amrisaroukolaei S, Meysamie A, **Sahraian MA**, Bayati A, Sanati MH, Houshman M, Sadeghian H, Vajihazaman K. *Mitochondrial Mutation in Iranian patients with Multiple Sclerosis, correlation between Haplogroups H, A and clinical manifestations*. Cell Mol Neurobiol. November 14, 2008
3. Eftekhari B, **Sahraian MA**, Nouralishahi B, Khaji A, Vahabi Z, Ghodsi M, Araghizadeh H, Soroush MR, Esmaeili SK, Masoumi M. *Prognostic factors in the persistence of posttraumatic epilepsy after penetrating head injuries sustained in war*. J Neurosurg. October 31, 2008
4. Ghabaee M, Bayati A, Amri Saroukolaei S, **Sahraian MA**, Sanaati MH, Karimi P, Houshmand M, Sadeghian H, Hashemi Chelavi L. *Analysis of HLA DR2&DQ6 (DRB1*1501, DQA1*0102, DQB1*0602) Haplotypes in Iranian patients with Multiple Sclerosis*. Cell Mol Neurobiol. August 26, 2008
5. Sarial S, Shokrgozar MA, Amirzargar A, Shokri F, Radfar J, Zohrevand P, Arjang Z, **Sahraian MA**, Lotfi J. *IL-1, IL-1R and TNFalpha gene polymorphisms in Iranian patients with multiple sclerosis*. Iran J Allergy Asthma Immunol. 7:37-40, 2008

6. Pakdaman H, Fallah A, **Sahraian MA**, Pakdaman R, Rahimian L. *Early onset multiple sclerosis: Report of a monozygotic twin pair with different treatment strategies and outcomes*. European Journal of Neurology, 14: 10, 2007
7. **Sahraian MA**, Motamedi M, Azimi A, Paknejad SM. *Bilateral thalamic calcification in a patient with cryptococcal meningitis*. European Journal of Neurology, 14:2, 2007
8. Pakdaman H, **Sahraian MA**, Fallah A, Pakdaman R, Ghareghozli K, Ghafarpour M, Rahimian E, Shirani A. *Effect of early interferon beta-1a therapy on conversion to multiple sclerosis in Iranian patients with a first demyelinating event*. Acta Neurol Scand, 115: 429-31, 2007
9. **Sahraian MA**, Motamedi M, Paknejad SM, Azimi AR. *Coexistence of Wilson's disease and neurofibromatosis type 1 in a 14-year-old boy*. Neurol India, 55: 89-90, 2007
10. Kassayian SE, Kazemi-Saleh D, Alidoosti M, Salarifar M, Hajizinali AM, Hakki-Kazazi E, **Sahraian MA**, Abbasi SH, Masumi A. *Risk factors for major complications due to delaying surgery in staged carotid stenting and carotid bypass graft surgery*. Eurointervention, 3: 60-66, 2007
11. **Sahraian MA**, Shakorirad A, Motamedi M, Pakdaman H, Radue EW. *Magnetic resonance imaging abnormalities in multiple sclerosis*. Iranian Journal of Radiology, 4:231-40, 2007
12. Pakdaman H, **Sahraian MA**. *The role of Interferon beta in management of MS patients*. Iranian Journal of Neurology, 4:231-40, 2007
13. Harrichian H, **Sahraian MA**, Shirani A. *Serum prolactin level in patients with multiple sclerosis: A case control study*. Medical Science Monitor, 12: 177-180, 2006
14. Hadidi E, Mojtahedzade M, Paknejad MH, Nikfar S, Zamani MJ, **Sahraian MA**, Eftekhari B, Najafi A, Khajavi MR, Ghaffarzade M, Soliemani V, Esmaili H, Rouini MR, Abdollahi M. *Alteration of blood IL8, TGF-beta1 and nitric oxide levels in relation to blood cells in patients with acute brain injury*. Therapy, 3: 399-405, 2006 (Original article)

15. Kassayian SE, Kazemi-Saleh D, Alidoosti M, Salarifar M, Hajizinali AM, Hakki-Kazazi E, **Sahraian MA**, Gheini MR, Abbasi SH. *A novel scoring system for identifying high risk patients undergoing carotid stenting*. Archive Iranian Medicine, 9: 129-137, 2006 (Original article)
16. Motamedi M, **Sahraian MA**, Rahmat M. *Comparison of valporic acid efficacy in familial versus sporadic cases of juvenile myoclonic epilepsy*. Neurology India, 954: 186-9, 2006 (Original article)
17. Hassani M, **Sahraian MA**. *Lidocaine or diazepam can decrease fasciculation induced by succinylcholine during induction of anesthesia*. Middle East J Anesthesiol, 18:929-31, 2006 (Original article)
18. Pakdaman H, **Sahraian MA**, Fallah A, Pakdaman R. *Treatment of early onset multiple sclerosis with suboptimal doses of interferon beta*. Neuropediatrics, 37:257-60, 2006
19. Hassani M, **Sahraian MA**, Motamedi M, Mosthahghan K. *Post mortem cerebrospinal fluid analysis in a general intensive care unit*. Indian Journal of Critical Care Medicine, 9: 176-8, 2005
20. **Sahraian MA**, Motamedi M, Moghimi B, Azimi A. *Androgen induced cerebral venous Sinus thrombosis in a young body builder, Case Report*. BMC Neurology, 4:22, 2004
21. Motamedi M, **Sahraian MA**. *Evaluation of serum calcium and magnesium in 50 patients with clinical definite Multiple Sclerosis*. Iranian Journal of Neurology, 7: 7-11, 2003
22. Motamedi M, Banki A, **Sahraian MA**. *A case of self-induced reflex epilepsy*. Acta Medica Iranica, 38:166, 2000 (English)

✓ **Farsi**

23. Shahbigy S, Shayegannejad M, Noorian A, **Sahraian MA**. *Effects of Mitoxanthrone on Multiple Sclerosis*. Iranian Journal of Neurology, 2006
24. Pakdaman H, Sahraian MA. *The role of Interferon beta in Multiple Sclerosis*. Iranian Journal of Neurology, 8: 23-28, 2006 (Persian)

25. **Sahraian MA.** *Evaluation of poor drug compliance in epileptic patients.* Iranian Journal of Neurology, 8: 23-28, 2004
26. Motamedi M, Sigarodi H, Vosoghi R, Hossieni S, **Sahraian MA.** *Epilepsy and Driving.* Faculty of Medicine Journal, 58:35-40, 2001

• **Presentations in National & International Meetings**

1. **September 2008:** *Iranian network of multidisciplinary clinics for multiple sclerosis, a view of existing experiences and future horizons,* World Congress on Treatment and Research in Multiple Sclerosis, Montreal – Canada (**Poster**)
2. **September 2008:** *Effects of pregnancy on the disease course in Iranian multiple sclerosis patients,* World Congress on Treatment and Research in Multiple Sclerosis, Montreal – Canada (**Poster**)
3. **September 2008:** *Conservative behavior in multiple sclerosis, a reflection of prefrontal cortex dysfunction* World Congress on Treatment and Research in Multiple Sclerosis, World Congress on Treatment and Research in Multiple Sclerosis, Montreal – Canada (**Poster**)
4. **2008:** *Evaluation of color vision in Multiple sclerosis,* The 18th European Neurological Society Congress, Nice – France (**Poster**)
5. **2008:** *Surgery and Anesthesia in MS patients,* Sina Hospital, Tehran – Iran (**Lecturer**)
6. **2008:** *Teaching in outpatients clinic,* Ministry of Health, Tehran – Iran (**Lecturer**)
7. **June 2007:** *MS or PML,* MS MS symposium, Cyprus (**Invited speaker**)
8. **March 2007:** *Differential diagnosis of MS,* MS Regional Meeting, Athens – Greece (**Invited speaker**)
9. **2007:** *Effect of INF bet 1a on black holes in MS,* Neurological Association of Greece Congress, Athens – Greece (**Invited speaker**)
10. **2007:** *Evaluation of research on MS in Iran,* Mashhad Congress on MS, Mashhad – Iran (**Lecturer**)
11. **2007:** *Pitfalls in diagnosis of multiple sclerosis,* The 14th National Congress on Neurology, Tehran – Iran
12. **2007:** *Combination therapy in multiple sclerosis,* The 4th national congress on Multiple Sclerosis, Tehran – Iran
13. **2007:** *MS or PML,* MS Symposium, Cyprus

14. **March 2007:** *Differential diagnosis of MS*, Neurological Association of Greece Congress, Athens –Greece (Invited Speaker)
15. **March 2007:** *Effect of INF beta 1a on black holes in MS*, MS Regional Meeting, Athens –Greece (Invited Speaker)
16. **October 2006:** *MRI aspects of multiple sclerosis*, Romanian Neurological Association Congress, Bucharest – Romania (Invited Speaker)
17. **October 2006:** *MRI aspects of multiple sclerosis*, Romanian Neurological Association Congress, Bucharest – Romania (*Invited speaker*)
18. **May 2006:** *Differentiating MS from PML*, The 15th European Neurology Society Congress, Lausanne – Switzerland (Invited Speaker)
19. **May 2006:** *Differentiating MS from PML*, MS satellite symposium 15th European Neurology Society Congress, Lausanne – Switzerland (*Invited speaker*)
20. **September 28, 2006:** *The evaluation of black holes volume evolution in patients with multiple sclerosis receiving INF beta1a*, The 22nd Congress of the European Committee for Treatment and Research on Multiple Sclerosis, Madrid – Spain (*Poster*)
21. **2006:** *Neurological complication following bone marrow transplantation*, The 16th European Neurological Society Congress, Lussane – Switzerland (*Poster*)
22. **2006:** *Multiple sclerosis in Iran : report of 5000 cases*, The 14th European Neurological Society Congress, Lussane – Switzerland (*Poster*)
23. **2006:** *Urinary complication in epileptic patients*, The 10th European Federation of Neurological Association Congress, Glasscow – UK (*Poster*)
24. **2006:** *Impact of epilepsy in Iranian patients*, The 10th European Federation of Neurological Association Congress, Glasscow – UK (*Poster*)
25. **September 28, 2005:** *Is MS increasing in Iran?*, The 21st Congress of the European Committee for Treatment and Research on Multiple Sclerosis, Thessaloniki – Greece (*Poster*)
26. **September 28, 2005:** *Short and long time perception in multiple sclerosis patients: evidence for behavioral shift*, The 21st Congress of the European Committee for Treatment and Research on Multiple Sclerosis, Thessaloniki – Greece (*Poster*)
27. **2005:** *Multiple Sclerosis*, Kerman MS Society, Kerman – Iran (*Invited Speaker*)

28. **2005:** *Status Epilepticus*, Iranian League on Epilepsy, Tehran – Iran (**Lecturer**)
29. **2005:** *MS and pain*, Iranian MS Society, Tehran – Iran (**Lecturer**)
30. **2005:** *Evaluation of pregnancy care in Iranian women with epilepsy*, The 12th National Congress for Controlling Status Epileptics, Tehran – Iran
31. **2005:** *Comparison of valporic acid efficacy in sporadic versus juvenile myoclonic epilepsy*, The 15th Meeting of the European Neurological Society, Vienna – Austria (**Poster**)
32. **2005:** *Marriage and Multiple sclerosis*, The 2nd National Congress on Multiple Sclerosis, Tehran – Iran (**Poster**)
33. **2005:** *Vaccination and Multiple sclerosis*, The 2nd National Congress on Multiple Sclerosis, Tehran – Iran (**Poster**)
34. **2004:** *New strategies*, The 1st National Congress on Epilepsy, Tehran – Iran
35. **2004:** *Neurological aspects of bioterrorism*, The 10th National Congress on Neurology, Tehran – Iran (**Poster**)
36. **2004:** *Epilepsy and Multiple Sclerosis*, The 1st National Congress on Multiple Sclerosis, Tehran – Iran (**Poster**)
37. **2004:** *Evaluation of stroke knowledge in Iranian people more than 50 years*, The 2nd Congress on Non-communicating Diseases, Tehran – Iran (**Poster**)
38. **2004:** *Evidence based medicine and multiple sclerosis*, The 1st Congress on Multiple Sclerosis, Tehran – Iran (**Poster**)
39. **2004:** *Interesting cases of neurology ward*, Sina Hospital, Tehran – Iran (**Lecturer**)
40. **2004:** *Neurological emergencies*, Sina Hospital, Tehran – Iran (**Lecturer**)
41. **2004:** *Multiple sclerosis*, Azad University, Tehran – Iran (**Invited speaker**)
42. **2004:** *Multiple sclerosis*, Alameh University, Tehran – Iran (**Invited speaker**)
43. **2004:** *Neurological emergencies for nurses*, Sina Hospital, Tehran – Iran (**Speaker**)
44. **2003:** *The role of nitric oxide in neurological diseases*, The 10th National Congress on Neurology, Tehran – Iran
45. **2003:** *Stroke patients who need thrombolytic therapy in Sina hospital*, The 9th National Congress on Neurology, Tehran – Iran (**Poster**)
46. **2003:** *Neurological aspects of bioterrorism*, Sina Hospital, Tehran – Iran (**Lecturer**)
47. **2003:** *New Methods of Medical Education*, Sina Hospital, Tehran – Iran (**Lecturer**)

48. **2002:** *Mad Cow Disease*, Sina Hospital, Tehran – Iran (*Lecturer*)
49. **2002:** *CPC (Neurosarcoidosis)*, Sina Hospital, Tehran – Iran (*Clinical discusser*)
50. **2002:** *Evaluation of serum calcium and magnesium in patients with definite multiple sclerosis*, The 8th National Congress on Neurology, Tehran – Iran (*Poster*)

Books

✓ English

1. Radue EW, **Shraian MA**, Bacelor O, Devera A, Haller S. MS In MRI: Learning and Training CD. Regarde (Switzerland) 2008
2. **Sahraian MA**, Radue EW. *MRI Atlas of MS lesions in Multiple Sclerosis*. Springer Publications (Germany), 2008
3. **Sahraian MA**. *Multiple Sclerosis (Chapter) in Encyclopedia of Diagnostic Imaging*. Springer Publications (Germany), 2008

✓ Farsi

4. **Sahraian MA**. *Muscle diseases (Classification Chapter)*. Tehran University of Medical Sciences Publications (Germany), 2005

Awards:

- Sina excellence award for editing the book of “MRI Atlas of MS Lesions”, 2008 (TUMS)

Competencies:

• Language

- Moderate in English

• Computer

- At ease with
 - Microsoft Office