

## CURRICULUM VITAE



Name: MOHAMMAD SAADATNIA

Sex: Male

Qualification: Neurologist, M.D.

Nationality: Iranian

Date of birth: Sep 16, 1972

Marital status: Married (Two child)

### Address:

### Work:

Al-Zahra Hospital  
Isfahan University of Medical Sciences  
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### Education:

1- Islamic Azad University of Najaf Abad, Iran, Doctor of Medicine (M.D.) 1991-1998. (*First Rank*)

Thesis: The common problem in pediatric medicine

2- Department of Neurology, Faculty of Medicine, Isfahan Medical University, Isfahan, Iran, Neurologist. (2001-2006). "*Third Grade in Board Examination*"

Thesis: Magnesium sulfate in acute stroke: A double blind randomized study

3-Neurointerventional observer ship (2 months) in Foundation Rothschild, France (2007).

4-Student "Master of Medical Education" (2009-20011)

5-Student "European Master of Stroke" (2011-2113)

5-Interventional Neuroradiology fellowship (Marburg University, Germany, 2012-2014)

### Teaching Experience:

1- Professor of neurology, Al-Zahra Hospital, Medical School, Isfahan University of Medical Science, Isfahan, Iran (from November 1, 2014).

## **Work Experience:**

- 2- Member editorial board and consultant's team of Journal of research in medical science. (From 2006)
- 3- Member of Isfahan Neurosciences research Center (from 2007).
- 4- Duplex and TCD of cervical and cerebral vessels (from 2004, 14 years work experience)
- 5- Cerebral angiography and neurointervention (5 years work experience)
- 6- Member of Isfahan Medical Education Research center from 2007.
- 7- Assistant director of student council in medical faculty (2008-2009).

## **Social & Scientific Activity:**

Member of Iranian neurological Association.  
Member of Young European Neurological Society.  
Member of world stroke organization.  
Member of Iranian Stroke Society.  
Member of Isfahan Stroke Society.  
Director of comprehensive stroke treatment program in Isfahan province (from 2014).

## **Achievements:**

First Rank in Doctor of Medicine Degree, Islamic Azad University of Najaf Abad (1998)  
Third Rank in Iranian neurology board exam. (2006)  
The best junior researcher, Isfahan University of medical science, Isfahan, Iran (2004)  
The best researcher Isfahan University of medical science, Isfahan, Iran (2005)  
Research Award Isfahan University of medical science, (2007)  
Research Award Isfahan University of medical science (2010)  
Research Award Isfahan University of medical science (2011)

## **Referee of International Scientific Journals:**

Journal of research in medical science  
Journal of Isfahan medical school  
Saudi medical journal  
Neurosciences  
Acta neurological Scandinavia  
Neurology  
European Journal of Neurology

## **Hobbies:**

Mountain climbing

### **Research Interests:**

My main research interest is: vascular dysfunction in neurological disorder

- Acute stroke treatment (interventional thrombolysis)
- Cerebral vein and sinus thrombosis, neuroimaging, epidemiology, etiology and treatment.

### **Publications:**

#### **A. Papers:**

1. Saadatnia M, Mousavi SA, Haghighi S, Aminorroaya. Cerebral vein and sinus thrombosis in Isfahan-Iran: a changing profile. *Can J Neurol Sci.* 2004 Nov;31(4):474-7.
2. Mousavi SA, Ziaei J, Saadatnia M, Magnesium sulfate in acute stroke: A randomized double blind study. *JRMS*, 2004, Aug: 9 (4): 7-10.
3. Saadatnia M, Haghighi S, Zare M. Antiphospholipid Antibodies in Arterial and Venous Ischemic Stroke. *JIMS.* 2004. Aug 21 (71): 47-51
4. Zare M, Saadatnia M, HaghighiS. Antiphospholipid antibody in stroke in young adult: A study on 23 patients with titer higher than normal in Isfahan. *JMUMS* 2004 Aug 13 (41): 33-8
5. Saadatnia M, Etemadifar M, Haghighi S, Shaigannejad V, Tajmir riahi M. Relationship between Cerebral Vein Thrombosis and Non-Anticardiolipin Antiphospholipid Antibodies. *JRMS*, 2004, Apr: 9 (2):16-22.
6. Maghzi,A.H. Etemadifar M, Shaigannejad V, Saadatnia M et al (2006). Conjugal multiple sclerosis in Isfahan, Iran: a population-based study. *Mult Scler.* 2007 Jun;13(5):673-5.
7. Maghzi AH, Etemadifar M, Saadatnia M. Clinical and demographical characteristics of primary progressive multiple sclerosis in Isfahan, Iran. *Eur J Neurol.* 2007 Apr;14(4):403-7
8. Saadatnia M, Tajmirriahi M. Hormonal contraceptives as a risk factor for cerebral venous and sinus thrombosis. *Acta neurologica Scandinavia.* 2007; May, 115 (5) :295-300.
9. Saadatnia M, Etemadifar M, Maghzi AH. Multiple sclerosis in Isfahan,Iran. *International review of neurobiology* 2007; Vol 79, 357-75.
10. Saadatnia M, Zare M, Haghighi S, Tajmirriahi M, Hovsepian S,. High frequency of IgM antiphospholipid antibodies in young Iranian patients with stroke. *Neurosciences* 2007; Vol. 12 (2)
11. Chitsaaz,, Saadatnia M, Etemadifar M,, Tajmirriahi M,. Orthostatic hypotension in Iranian patients with parkinson's disease. *Neurosciences* 2007; Vol. 2 (22)

12. Janghorbani M, Zare M, Saadatnia M, Mousavi A, Mojjarad M, Asgari E. cerebral vein and dural sinus thrombosis in adult in Isfahan: Frequency and seasonal variation. *Acta Neurol Scand.* 2008 Feb;117(2):117-21
13. Dastjerdi MS, Aminorroaya A, Amini M, Ashrafi F, Kazemi F, Saadatnia M, Mottaghi P, Emami A. Severe cognitive dysfunction in a patient with polyendocrinopathy. *Exp Clin Endocrinol Diabetes.* 2007 May;115(5):334-8.
14. Farzad Fatehi, Mohammad Saadatnia, Mohammad Zare Cerebral venous sinus thrombosis following tamoxifen prescription *Neurosciences* 2008; Vol. 13 (3): 320-320
15. Farzad Fatehi, Mohammad Zare, Mohammad Saadatnia A patient with abrupt left sided palsy but an incidental finding on brain MRI *Neurosciences* 2008; Vol. 13 (3): 330-331.
16. Farzad Fatehi, Mohammad Zare, Keivan Basiri, Mohammad Saadatnia A patient with cape like sensory loss of arms and shoulders. *Neurosciences* 2008; Vol. 13 (4): 461-462.
17. Schwendimann RN, Harris MK, Elliott DG, Menon U, Gonzalez-Toledo E, Zivadinov R, Pressly TA, Kelley RE, Hoque R, Fowler M, Maghzi AH, Etemadifar M, Saadatnia M, Minagar A. Neurosarcoidosis: Clinical Features, Diagnosis, and Management. *Am J Ther.* 2008 Dec 15.
18. Saadatnia M, Etemadifar M, Fatehi F, Ashtari F, Shaygannejad V, Chitsaz A, Maghzi AH. Short-term effects of prolonged fasting on multiple sclerosis. *Eur Neurol.* 2009;61(4):230-2. Epub 2009 Jan 29.
19. Saadatnia M, Fatehi F, Basiri K, Sariaslani P. ALS-LAUS syndrome in a patient with high level of antiphospholipid antibodies: a case report. *Neurol Neurochir Pol.* 2008 November-December;42(6):546-549.
20. Saadatnia, Mohammad / Zare, Mohammad / Fatehi, Farzad / Ahmadi, Ahura The effect of fasting on cerebral venous and dural sinus thrombosis. , *Neurological research*, 31 (8), p.794-798, Oct 2009
21. Jamshidi, N / Hanife, H / Rostami, M / Najarian, S / Menhaj, M B / Saadatnia, M / Salami, F Modelling the interaction of ankle-foot orthosis and foot by finite element methods to design an optimized sole in steppage gait. , *Journal of medical engineering & technology*, 34 (2), p.116-123, Jan 2010
22. Saadatnia, Mohammad / Fatehi, Farzad / Basiri, Keivan / Mousavi, Seyed Ali / Mehr, Gilda Kinani Cerebral venous sinus thrombosis risk factors. , *International journal of stroke : official journal of the International Stroke Society*, 4 (2), p.111-123, Apr 2009
23. Jamshidi, N / Rostami, M / Najarian, S / Menhaj, M B / Saadatnia, M / Firooz, S , Modelling of human walking to optimise the function of ankle-foot orthosis in Guillan-Barré patients with drop foot. *Singapore medical journal*, 50 (4), p.412-417, Apr 2009
24. Zahednasab H, Saadatnia M, Jabalameli MR, Bahreini SA. The role of MEFV gene mutations

in Multiple Sclerosis susceptibility. *J Neurol Sci.* 2010 Sep 7

25. Wasay M, Kaul S, Menon B, Venketasubramanian N, Gunaratne P, Khalifa A, Pongvarin N, Saadatnia M, Gan RN, Dai A, Mehndiratta MM. Ischemic stroke in young Asian women: risk factors, subtypes and outcome. *Cerebrovasc Dis.* 2010;30(4):418-22. Epub 2010 Aug 18.
26. Bahreini SA, Zahednasab H, Saadatnia M, Jabalameli MR. The association between Anti-EBNA-1 IgG and multiple sclerosis clinical disease activity. *Eur J Neurol.* 2010 Oct;17.
27. Jamshidi, N; Rostami, M; Najarian, S, Differences in center of pressure trajectory between normal and steppage gait *JOURNAL OF RESEARCH IN MEDICAL SCIENCES* Volume: 15 Issue: 1 Pages: 33-40 Published: 2010
28. Jamshidi, N.; Hanife, H.; Rostami Modelling the interaction of ankle-foot orthosis and foot by finite element methods to design an optimized sole in steppage gait *Journal of Medical Engineering & Technology* Volume: 34 Issue: 2 Pages: 116-123 Published: FEB 2010.
29. Bahreini SA, Jabalameli MR, Saadatnia M, Zahednasab H. The role of non-HLA single nucleotide polymorphisms in multiple sclerosis susceptibility. *J Neuroimmunol.* 2010 Sep 9.
30. Wasay M, Saadatnia M, Venketasubramanian N, Kaul S, Menon B, Gunaratne P, Malik A, Mehmood K, Ahmed S, Awan S, Mehndiratta MM. Predictors of Cerebral Venous Thrombosis and Arterial Ischemic Stroke in Young Asian Women. *J Stroke Cerebrovasc Dis.* 2011 Apr 19.
31. Zahednasab H, Saadatnia M, Jabalameli MR, Zarkesh-Esfahani H, Esmaeili A, Bahreini SA. Controversial role of MMP-9 gene in MS disease. *J Neuroimmunol.* 2011 Jan;230(1-2):191.
32. Javanmard SH, Sonbolestan SA, Heshmat-Ghahdarjani K, Saadatnia M, Sonbolestan SA. Enalapril improves endothelial function in patients with migraine: A randomized, double-blind, placebo-controlled trial. *J Res Med Sci.* 2011 Jan;16(1):26-32.
33. Saadatnia M, Haghighi S, Ziaei J, Khorami S, Chitsaz A (2004). Oral contraceptive pill Wasay M, Saadatnia M, Venketasubramanian N, Kaul S, Menon B, Gunaratne P, Malik A, Mehmood K, Ahmed S, Awan S, Mehndiratta MM. Predictors of Cerebral Venous Thrombosis and Arterial Ischemic Stroke in Young Asian Women. *J Stroke Cerebrovasc Dis.* 2011 Apr 19.
34. Najafi, MR; Saadatnia, M; Saffarifard Epidemiology of restless legs syndrome in the Iranian population *SLEEP AND BIOLOGICAL RHYTHMS* Volume: 9 Issue: 1 Pages: 56-59 Published: 2011.
35. Wasay M, Saadatnia M, Venketasubramanian N, Kaul S, Menon B, Gunaratne P, Malik A, Mehmood K, Ahmed S, Awan S, Mehndiratta MM. Predictors of Cerebral Venous Thrombosis and Arterial Ischemic Stroke in Young Asian Women. *J Stroke Cerebrovasc Dis.* 2011 Apr 19.
36. Shahsavarzadeh T, Javanmard SH, Saadatnia M. Impact of Factor VIII and von Willebrand Factor Plasma Levels on Cerebral Venous and Sinus Thrombosis: Are They Independent Risk Factors? *Eur Neurol.* 2011;66(4):243-6 .
37. Ferro JM, Crassard I, Coutinho JM, Canhão P, Barinagarrementeria F, Cucchiara B, Derex L, Lichy C, Masjuan J, Massaro A, Matamala G, Poli S, Saadatnia M, Stolz E, Viana-Baptista M,

- Stam J, Bousser MG; Second International Study on Cerebral Vein and Dural Sinus Thrombosis (ISCVT 2) Investigators. Decompressive surgery in cerebrovenous thrombosis: a multicenter registry and a systematic review of individual patient data. *Stroke*. 2011 Oct;42(10):2825-31.
38. Pozzilli C, Schweikert B, Ecarl U, Oentrich W; BetaPlus Study group. Supportive strategies to improve adherence to IFN beta-1b in Multiple Sclerosis--results of the BetaPlus observational cohort study. *J Neurol Sci*. 2011 Aug 15;307(1-2):120-6.
39. Attar AM, Kharkhaneh A, Etemadifar M, Keyhanian K, Davoudi V, Saadatnia M. Serum Mercury Level and Multiple Sclerosis. *Biol Trace Elem Res*. 2011 Nov 9.
40. Mousavi SA, Saadatnia M, Khorvash F, Hoseini T, Sariaslani P. Evaluation of the neuroprotective effect of dextromethorphan in the acute phase of ischaemic stroke. *Arch Med Sci*. 2011 Jun;7(3):465-9. Epub 2011 Jul 11.
41. Zare M, Saadatnia M, Mousavi SA, Keyhanian K, Davoudi V, Khanmohammadi E. The effect of statin therapy in stroke outcome: a double blind clinical trial. *Int J Prev Med*. 2012 Jan;3(1):68-72.
42. Sarrami AH, Setareh M, Afshar-Moghaddam N, Izadinejad M, Saadatnia M. A case of intracranial malignant fibrous histiocytoma. *J Res Med Sci*. 2011 Jul;16(7):968-73.
43. Saadatnia M, Najafi MR, Najafi F, Davoudi V, Keyhanian K, Maghzi AH. CD24 gene allele variation is not associated with oligoclonal IgG bands and IgG index of multiple sclerosis patients. *Neuroimmunomodulation*. 2012;19(3):195-9. Epub 2012 Jan 18.
44. Haghjooy Javanmard S, Saadatnia M M, Homayouni V V, Nikoogoftar M M, Maghzi AH, Etemadifar M, Chaitanya VG, McGee JC, Minagar A, Alexander JS. Interferon-beta-1b protects against multiple sclerosis-induced endothelial cells apoptosis. *Front Biosci (Elite Ed)*. 2012 Jan 1;4:1368-74.
45. Marzieh Tajmirriahi<sup>1</sup>, Maryam Sohelipour<sup>1</sup>, Keivan Basiri<sup>1</sup>, Vahid Shaygannejad<sup>4</sup>, Asgar Ghorbani<sup>2</sup>, Mohammad Saadatnia<sup>1,3</sup>The effects of sodium valproate with fish oil supplementation or alone in migraine prevention: A randomized single-blind clinical trial. *Ir J neurol* 2012; 11(1): 21- 24.
46. Saadatnia M, Najafi MR, Najafi F, Davoudi V, Keyhanian K, Maghzi AH. CD24 gene allele variation is not associated with oligoclonal IgG bands and IgG index of multiple sclerosis patients. *Neuroimmunomodulation*. 2012;19(3):195-9. doi: 10.1159/000332011.
47. Sarrami AH, Setareh M, Afshar-Moghaddam N, Izadinejad M, Saadatnia M. A case of intracranial malignant fibrous histiocytoma. *J Res Med Sci*. 2011 Jul;16(7):968-73. PMID:22279468.

48. Mousavi SA, Saadatnia M, Khorvash F, Hoseini T, Sariaslani P. Evaluation of the neuroprotective effect of dextromethorphan in the acute phase of ischaemic stroke. *Arch Med Sci.* 2011 Jun;7(3):465-9. doi: 10.5114/aoms.2011.23413. Epub 2011 Jul 11. PMID:22295030
49. Zare M, Saadatnia M, Mousavi SA, Keyhanian K, Davoudi V, Khanmohammadi E. The effect of statin therapy in stroke outcome: a double blind clinical trial. *Int J Prev Med.* 2012 Jan;3(1):68-72. PMID: 22355480.
50. Niknam M, Saadatnia M, Shakeri F, Keshteli AH, Esmailzadeh A. Consumption of sugar-sweetened beverages in relation to stroke: a case-control study. *Int J Food Sci Nutr.* 2013 Feb;64(1):1-6. doi: 10.3109/09637486.2012.694850. Epub 2012 Jun 14. PMID: 22694119
51. Saadatnia M, Siavash M, Ansari B, Davoudi V, Keyhanian K. Autoimmune encephalitis associated with Graves' disease: a case report. *Acta Neurol Belg.* 2012 Jul 11.
52. Sadeghi HM, Sabzghabae AM, Mousavian Z, Saadatnia M, Shirani S, Moazen F. Polymorphism of Apo lipoprotein E gene and the risk of multiple sclerosis. *J Res Med Sci.* 2011 Dec;16(12):1519-24.
53. Gholamrezaei A, Saadatnia M. Application of the Cambridge-Hopkins diagnostic questionnaire for investigating restless legs syndrome in patients with chronic renal failure. *Sleep Med.* 2012 Oct 1
54. Saadatnia M, Naghavi N, Fatehi F, Zare M, Tajmirriahi M. Oral contraceptive misuse as a risk factor for cerebral venous and sinus thrombosis. *J Res Med Sci.* 2012 Apr;17(4):344-7.
55. Saadatnia M, Salehi M, Amini G, Seyyed Agha Miri N. The impact of prothrombin (G20210A) gene mutation on stroke in youths. *ARYA Atheroscler.* 2012 Spring;8(1):9-11.
56. Sonbolestan SA, Heshmat K, Javanmard SH, Saadatnia M. Efficacy of Enalapril in Migraine Prophylaxis: A Randomized, Double-blind, Placebo-controlled Trial. *Int J Prev Med.* 2013 Jan;4(1):72-7.
57. Khosravi-Boroujeni H, Saadatnia M, Shakeri F, Keshteli AH, Esmailzadeh A. A case-control study on potato consumption and risk of stroke in central Iran. *Arch Iran Med.* 2013 Mar;16(3):172-6. doi:013163/AIM.009.
58. Mortazavi M, Moeinzadeh F, Saadatnia M, Shahidi S, McGee JC, Minagar A. Effect of magnesium supplementation on carotid intima-media thickness and flow-mediated dilatation among hemodialysis patients: a double-blind, randomized, placebo-controlled trial. *Eur Neurol.* 2013;69(5):309-16. doi: 10.1159/000346427. Epub 2013 Mar 14.

59. Khan M, Wasay M, Menon B, Saadatnia M, Venketasubramanian N, Gunaratne P, Mehndiratta MM, Dai A, Kaul S. Pregnancy and puerperium-related strokes in Asian women. *J Stroke Cerebrovasc Dis.* 2013 Nov;22(8):1393-8. doi: 10.1016/j.jstrokecerebrovasdis.2013.04.024. Epub 2013 Jun 14.
60. Saadatnia M, Sayed-Bonakdar Z, Mohammad-Sharifi G, Sarrami AH. The necessity of stroke prevention in patients with systemic lupus erythematosus. *J Res Med Sci.* 2012 Sep;17(9):894-5.
61. Heidarzadeh Z, Asadi B, Saadatnia M, Ghorbani A, Fatehi F. The Effect of Low-dose Combined Oral Contraceptive Pills on Brachial Artery Endothelial Function and Common Carotid Artery Intima-Media Thickness. *J Stroke Cerebrovasc Dis.* 2014 Apr;23(4):675-80. doi:10.1016/j.jstrokecerebrovasdis.2013.06.007. Epub 2013 Jul 5.
62. Javanmard SH, Shahsavarzadeh T, Saadatnia M. Soluble thrombomodulin and endothelial cell protein C receptor levels in patients with cerebral venous and sinus thrombosis. *Eur Neurol.* 2013;70(3-4):156-8. doi: 10.1159/000352037. Epub 2013 Jul 27.
63. Meamar R, Dehghani L, Ghasemi M, Saadatnia M, Basiri K, Faradonbeh NA, Javanmard SH. Enalapril protects endothelial cells against induced apoptosis in Alzheimer's disease. *J Res Med Sci.* 2013 Mar;18(Suppl 1):S1-5.
64. Chitsaz A, Mehrbod N, Saadatnia M, Fereidan-Esfahani M, Akbari M, Abtahi SH. Transcranial sonography on Parkinson's disease and essential tremor. *J Res Med Sci.* 2013 Mar;18(Suppl 1):S28-31.
65. Zare M, Salari M, Tajmiriahi M, Saadatnia M, Norouzi R. Electrocardiographic changes in patients with refractory epilepsy. *J Res Med Sci.* 2013 Mar;18(Suppl 1):S32-4.
66. Meamar R, Ostadsharif M, Saadatnia M, Ghorbani A, Nouri N, Dehghani L, Salehi M. Mutation analysis of CACNA1A gene in Iranian migrainous and review literatures. *J Res Med Sci.* 2013 Mar;18(Suppl 1):S6-S10.
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68. Zandifar A, Masjedi SS, Haghdoost F, Asgari F, Manouchehri N, Banihashemi M, Najafi MR, Ghorbani A, Zolfaghari B, Gholamrezaei A, Shaygannejad V, Saadatnia M. The psychometric properties of the persian migraine-specific quality of life questionnaire version 2.1 in episodic and chronic migraines. *ScientificWorldJournal.* 2013 Aug 27;2013:950245. doi: 10.1155/2013/950245. eCollection 2013.



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70. Davoudi V, Keyhanian K, Saadatnia M. Risk factors for remote seizure development in patients with cerebral vein and dural sinus thrombosis. *Seizure.* 2014 Feb;23(2):135-9. doi: 10.1016/j.seizure.2013.10.011. Epub 2013 Nov 4.
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72. Zandifar A, Masjedi SS, Banihashemi M, Asgari F, Manouchehri N, Ebrahimi H, Haghdoost F, Saadatnia M. Vitamin D status in migraine patients: a case-control study. *Biomed Res Int.* 2014;2014:514782. doi: 10.1155/2014/514782. Epub 2014 Jan 2.
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77. Saneei P, **Saadatnia M**, Shakeri F, Beykverdi M, Keshteli AH, Esmailzadeh A. A case-control study on red meat consumption and risk of stroke among a group of Iranian adults. *Public Health Nutr.* 2015 Apr;18(6):1084-90. doi: 10.1017/S1368980014001165. Epub 2014 Jun 13. PMID: 24924876.
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