

Curriculum Vitae

Mohammad Barzegar MD

Professor of Child Neurology & clinical neurophysiology

First name: Mohammad

Last name: barzegar

Date of Birth: 1962

Sex: Male

Marital status: Married

Nationality: Iranian

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Educational background:

Certificate Degree	Field of Specialization	Name of Institution Attended	Date Received
MD	General Physician	Tabriz University of Medical Sciences	1983-1989
Iranian board	pediatrics	Tabriz University of Medical Sciences	1989-1992
Subspecialty Iranian board	Pediatric Neurology	Shahid Beheshti university of Medical sciences Tehran, Iran	1996-1998
Fellowship	Epilepsy and EEG	Sick Children hospital of Toronto, Canada	March to august 2003
MS	Medical education	Tabriz University of Medical Sciences	2010-2013
Fellowship	Pediatric Clinical Neurophysiology	Tehran University of Medical Sciences	2015-2016

Courses	Field of Specialization	Name of Institution Attended	Date Received
Basic EEG 2019 10th	EEG	ILAE Academy	2019
Advance EEG 6 th Edition	EEG	ILAE Academy	2020
Pediatric EEG 10 th Edition	EEG	ILAE Academy	2021
Level 1 of the ILAE Curriculum Neuroimaging	Epileptology Imaging	ILAE Academy ILAE Academy	2021 2022

EEG in the First year of life 10th -13th April 2022

4th ILAE British Branch Epilepsy Neuroimaging Course 29th -31th October 2022

Level 2 of the ILAE Curriculum Epileptology 2022 –

Academic Membership:

Member of Iranian Child Neurology Association from 2000-Present

Member of National pediatric Neurology board exam from 2001-Present

Member of International Child Neurology Association (ICNA) from 2003-Present

Associate Member of Canadian clinical neurophysiology Society 2003- 2006

Member of Editorial Board of Iranian Journal of Child Neurology from 2006 -Present

Papers

I wrote more than 100 article as a corresponded author or Co-Author in Iranian or International Medical Journals. You can see samples of my papers as below.

My H-Index is 12

1. Ghofrani M *, Barzegar M . Treatment of refractory convulsive status epilepticus with continuous midazolam infusion , Journal of Medical Council of Islamic Republic of Iran . 2000 ; 18 (2) : 94-99
2. Barzegar M . A case of landau – kleffner and treatment with steroids . Medical Journal of Tabriz University of Medical Science . 2002 ; 53 : 59-64
3. Barzegar M * , Tonekaboni S.H , Ghofrani M . The efficacy of Lamotrigine adjunctive therapy in Lennox-Gastaut Syndrome . Pejouhandeh Journal , Shahid Beheshti University of Medical Sciences . 2003 ; 8 (3) : 187-190
4. Barzegar M * , Rashidi M.R , Jafari Rouhi A.H , Jouyban A , Jabbaribar F . Midazolam infusion treatment of refractory convulsive status epilepticus in children . Journal of faculty Pharmacy Tabriz University of Medical Science . 2004 ; 27 (1) : 71-78
5. Tonekaboni S.H * , Beyraghi N , Barzegar M , Vesal A . Comparison between Diazepam and Phenobarbital in prevention of febrile seizure . Iranian journal Pediatrics and . 2000 ; 15 (2) : 145-150
6. Barzegar M * , Keyvanchehr N . Effect of Phenobarbital (Short Term) in Prevention of Further Seizure in Acute Phase of Febrile Illness in Children with Simple Febrile Seizure . Medical Journal of Tabriz University of Medical Science . 2006 ; 28 (3) : 33-36
7. Barzegar M , Rashidi M.R , Jafarie Ruhi A.H * , Jouyban A , Jabbari Bar F , Malekiyan A . Comparison between serum levels of phenobarbital and phenytoin in children with status epilepticus and refractory status epilepticus . Journal Of Zanjan University Of Medical Sciences And Health Services . 2007 ; 58 (14) : 24-31
8. Shiva S * , Barzegar M . Antiepileptic Drugs Effects on Vitamin D Status of Epileptic Children . Iranian Journal of Pediatrics . 2007 ; 17 (2) : 167-172

9. Barzegar M , Jafarie ruhi A.H * . Refractory status epilepticus in children ; risk factors, Management and early outcom. Journal of Shaheed Sadoughi University of Medical Sciences & Health Services Yazd . 2008 ; 15 (4) : 16-20
10. Barzegar M * , Tonekaboni SH , GHofrani M . Lamotrigine as add-on therapy in children with Drug Resistant epilepsy (Iranian Experienu) . Medical Journal the Islamic Republic of Iran . 2003 ; 17 (1) : 15-18
11. Nolan M , Barzegar M , Chu B , Cortez M.A , Snead O.C . Clinical and Neurophysiologic Spectrum Associated with Atypical Absence Seizures in Children with Intractable Epilepsy . Journal of child Neurology . 2005 ; 20 (5) : 404-410
12. Barzegar M * , Fayyazie A , Gasemie B , mohajel shoji M.A . Menkes disease : Report of two cases . Iranian Journal of Pediatrics . 2007 ; 3 (17) : 338- 392
13. Barzegar M , Dastgiri S * , Karegarmaher M.H . Varshochiani A . Epidemiology of childhood Guillan- Barre syndrome in the North West of Iran . BMC Neurology . 2007 ; 7 (22) : 1-5
14. Mohammadli M , Shoja R , Shane tubbs R * , Malekian A , Jafari rouhi A.M , Barzegar M , Jerry Oakes W . Video game epilepsy in the twentieth century: a review . Child's Nervous System . 2007 ; 23 (5) : 265-267
15. Barzegar M , Hashemilar M * . Alpers disease: Report of two familial cases . Pakistan Journal of Medical Sciences . 2007 ; 23 (4) : 643- 646
16. Barzegar M * , Sandougchiyan B , Alizadeh M , Jouyban A , Ghaffari . Preventive Effect of Phenobarbital on Seizure Recurrence in Acute Phase of Febrile Seizure in Children. Medical Journal of Tabriz University of Medical Science . 2009 ; 31 (3) : 13-17
17. Toopchizadeh V * , Barzegar M , Rezamand A , Hosseinpour Teiz A . Electrophysiological consequences of vincristine contained chemotherapy in children: a cohort study . Journal of Pediatric Neurology . 2009 ; 7 (4) : 351-356
18. Jafari A.H * , Barzegar M , Mahdavi M . Risk Factors of Recurrent Status Epilepticus in Tabriz Children Medical Center. Medical Journal of Tabriz University of Medical Science , 2009 ; 31 (2) : 27-29
19. Barzegar M * , Irandoost P , Ebrahimi mameghani M.A . A Modified Atkins Diet for Intractablechildhood Epilepsy . Iranian Journal of Child Neurology . 2010 ; 4 (3) : 15-20
20. Toopchizadeh V , Abdavi Y * , Barzegar M , Eftekharsadat B , Tabrizi I . Obstetrical Brachial Plexus Palsy : Electrodiagnostical Study and Functional Outcome . Pakistan Journal of Biological Sciences . 2010 ; 13 (24) : 1166-1177

21. Bonyadi M.R * , Barzegar M , Badalzadeh R , Hashemilar M . Comparison of Immunoblotting and ELISA for Detection of Anti-Ganglioside Antibodies in children with Guillain-Barre Syndrome . Iranian Journal of Immunology . 2010 ; 7 (2) : 117-123
22. Barzegar M * , Hashemilar M , Bonyadi M.R . Campylobacter Jejuni Infection and Childhood Guillan-barre Syndrome . Pakistan Journal of Medicale Sciencs . 2010 ; 26 (2) : 304-309
23. GHotaslou R * , Farajnia S , Yeghane F , Abdoli Oskouie SH , Ahangarzadeh Rezaei M , Barzegar M . Detection of Acute Childhood Meningitis By PCR , Culture and Agglutination Tests in Tabriz, Iran . Acta Medica Iranica . 2012 ; 50 (3) : 192-196
24. Barzegar M * , Seyednasiri M , Tabrizi I . Epilepsy as a rare Neurologic Manifestation of Oculodentodigitalis Dysplasia . Iranian Journal Of child Neurology . 2012 ; 6 (3) : 39-43
25. Barzegar M , Jafari Rouhi A.M * , Farhoudi M , Sardashti S . A report of a probable case of familial Guillain Barre syndrome . Annals of Indian Academy of Neurology . 2012 ; 15 (4) : 299-302
26. Barzegar M * , Shiva S , Jabbarpour Bonyadi M , Toopchi Zadeh V . Correlation Between Deletion Patterns of SMN1 and NAIP gens and clinical subtypes of spinal muscular Atrophy in Iranian Azeri Turk ethnic patients . Journal of Pediatric Neurology . 2012 ; 10 (4) : 269-273
27. Saboktakin L * , Barzegar M , Ghorbani Haghjo A , Emamalizadeh M . Study on serum Copper and Zinc level of children with epilepsy during long term therapy with anticonvulsants . Life Science Journal . 2012 ; 9 (4) : 1250-1254
28. Valizadeh L * , Barzegar M , Akbarbegloom , Zamanzadeh V , Rahiminia E , Ferguson C . The relationship between psychosocial care and attitudes toward illness in adolescents with epilepsy. Epilepsy & Behavior . 2013 ; 27 (1) : 267-271
29. Malekian A * , Barzegr M , Malaki M , Shiva S . Different subtypes of Guillane-Barre syndrome in children . Journal of Pediatric Neurology. 2013 ; 11 (3) : 159-163
30. Hashemilar M , Barzegar M , Nikanfar M , Bonyadi M.R , Goldust M * , Ramouz A , Ebrahimi F . Evaluating the Status of Antiganglioside Antibodies in Children with Guillain-Barré Syndrome . NeuroImmunoModulation . 2014 ; 21 : 64-68
31. Niusha M , Rahmani S.A , Barzegar M * . Cytogenetic study of mentally retarded children and detevtion of 15 Q11-Q13 deletion with fish technique . International Journal of Current Life Sciences. 2014 ; 11 (4) : 10958-10961

32. Barzegar M * , Shiva Sh , Rahbari-Banaeian Gh.R . Etiology and short-term outcome of children with convulsive status epilepticus admitted to Tabriz Children's Hospital, Iran . Journal of Analytical Research in Clinical Medicine . 2014 ; 2 (3) : 112-117
33. Barzegar M * , Mahdavi M , Galegolab Behbehani A , Tabrizi A . Refractory Convulsive Status Epilepticus in Children: Etiology, Associated Risk Factors and Outcome. Iran J Child Neurol. 2015 ; 9 (4) : 24-31
34. Ekhtiyari E, Barzegar M, Mehdizadeh A , Shaaker M , Ghodoosifar S , Abhari A , Darabi M * . Differential fatty acid analysis of cerebrospinal fluid in infants and young children with suspected meningitis . Child's Nervous System. 2017 : 33 (1)
35. Barzegar M, Toopchizadeh V, Karghar Maher M.H, Sadeghi P, Jahanjoo F , Pishgahi A. Predictive factors for achieving independent walking in children with Guillain-Barre syndrome. Pediatric Research. 2017 : 81(5)
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37. Barzegar M * , Niknam E, Shiva P, Tahmasebi S. Bone Mineral Density and Bone Metabolism in Patients with Duchenne Muscular Dystrophy. Iranian Journal of Child Neurology. 2018 : 12 (1)
38. Feriduni B, Farajzadeh M.A, Barzegar M, Sadeghvand Sh, Khoubnasab jafari M, Jouyban A * . Simultaneous determination of valproic acid and its main metabolite in human plasma using a small scale dispersive liquid–liquid microextraction followed by gas chromatography–flame ionization detection. Journal of the Iranian Chemical Society. 2018.
39. Mehdizadeh A. Barzegar M, Negargar S, Yahyavi A and Raeis Sina The current and emerging therapeutic approaches in drug-resistant epilepsy management. Acta Neurologica Belgica. 2019 : 19 (2)
40. Poorshiri B, Barzegar M * , Tahmasebi S, Shiva Sh, Raeisi S, Ebadi Z. The efficacy comparison of classic ketogenic diet and modified Atkins diet in children with refractory epilepsy: a clinical trial. Acta Neurologica Belgica. 2021, 121(2)
41. Barzegar M, Afghan MR, Tarmahi V, Behtari M, Rahimi Khamaneh S, Raeisi S. Ketogenic diet: overview, types, and possible anti-seizure mechanisms. Nutritional neuroscience. 2021 : 24(4)
42. Shiva Sh*, Barzegar M, Monireh Rashidzadeh Epidemiology and Outcomes of Arterial Ischemic Stroke in Children Admitted to Tabriz Children's Hospital, Tabriz, Iran during (2014-2019). International Journal of Pediatrics. 2021: 9(7)

43. Bakhtiary H, Barzegar M*, Shiva Sh, Poorshiri B, Hajalioghli P, Herizchi Aghdam H. The Effect of Everolimus on Subependymal Giant Cell Astrocytoma (SEGA) in Children with Tuberous Sclerosis Complex. *Iranian Journal of Child Neurology*. 2021 : 15(4)
44. Shiva Sh*, Barzegar M, Rashidzadeh M. Epidemiology and Outcomes of Arterial Ischemic Stroke in Children Admitted to Tabriz Children's Hospital, Tabriz, Iran during (2014-2019). *International Journal of Pediatrics*. 2021 : 9(7)
45. Hasani Khiabani N, Barzegar M, Raeisi S, Jalalian Chaleshtori M, Heidarabadi S*, Bahari Gharehgoz A. Comparison of the Performance of Iranian Azeri-Speaking Children Based on Iran and Reference Bayley III Norms. *Iranian Journal of Child Neurology*. 2022 : 16(2)
46. Barzegar M *, Poorshiri B, Yousefi L, Raeisi S, Bakhtiary H, Eftekhari Milani A, Ebadi Z. The clinical and paraclinical manifestations of tuberous sclerosis complex in children. *Acta Neurologica Belgica*. 2022 : 122(2)
47. Poorshiri B, Raeisi S, Barzegar M*. A Toddler With Acute Encephalitis Associated With COVID-19: A Case Report. *Clinical Pediatrics*. 2022 : 61(3)
48. Toopchizadeh V, Barzegar M, Ranjbar-Kiyakalayeh, S, Shahidzadeh A, Khakbiz S, Jahanshahi A, Jahanjoo F. Clinical presentation, electrodiagnostic findings and outcomes of acute flaccid myelitis: A brief review and case series. *Journal of Pediatric Rehabilitation Medicine*. 2022 : 15 (2022)
49. Toopchizadeh V, Barzegar M, Cheshmaie S, Markazi Movaghar R, Jahanjou F, Ghahvechi Akbari M*. Investigating the Factors Affecting length of Hospital Stay in Children with Guillain-Barre Syndrome. *Journal of Medical Council of Iran*. 2022 : 4(4)
50. Saboktakin L*, Barzegar M, Ghazavi A. Apolipoprotein E serum levels in children with Guillain-Barre Syndrome in northwest Iran. *International Journal of Pediatrics*. 2022 : 10 (9)
51. Barzegar M, Valaee F*, Ghoreishizadeh Sh. Peripheral neuropathy as a very rare symptom in a patient with Niemann–Pick type C with negative enzymatic evaluation: a case report. *Journal of Medical Case Reports*. 2022 : 16(1)
52. Heidarabadi S, Barzegar M, Hazrati H *, Shahrokhi H, Nemati Sh, Hasani Khiabani N. Report on the Blended Short-Term Supplementary Course" Developmental Care for Infants and Toddlers" Held with a Multidisciplinary Approach for Pediatricians-A Mixed Methods Study. *BMC Medical Education* 2022 : 22 (877)
53. Mansouri V, Heidari M, Bemanalizadeh M, Azizimalamiri R, Nafissi Sh, Ghahvechi Akbari M, Barzegar M, ..., Ashrafi MR *. The First Report of Iranian Registry of Patients with Spinal Muscular Atrophy. *Journal of neuromuscular diseases*. 2023 : 10

54. Sadeghvand Sh, Barzegar M, Shiva S, Tarmahi V, Hamed H, Rahimi Khamaneh E, Golchinfar Z, Raeisi S*. The Effects of Vitamin B-Complex Supplementation on Serum Homocysteine Levels and Migraine Severity in Children A Randomized Controlled Trial. Iranian Journal of Child Neurology. Epilepsy & Behavior. 2023 : 140
55. Toopchizadeh V, Barzegar M, Taleschian-Tabrizi1 N *, Pashazadeh F, Rashedi N, Ghahvechi-Akbari M, Nouri Ozra. Long-Term Disability and Poor Outcome Predictors of Guillain-Barre Syndrome in Children: A Systematic Review. Journal of Pediatrics Review (JPR). 2023 : 11(1)
56. Jabbarpour N, Poorshiri B, Saei H, Barzegar M, Bonyadi M*. Identification of a novel mutation in the HACD1 gene in an Iranian family with autosomal recessive congenital myopathy, with fibre-type disproportion. Journal of Genetics. 2023 : 102 (1)
57. Poorshiri B, Barzegar M, Afghani M, Shiva S, Shahabi P, Golchinfar Z, Yousefi Nodeh H.R, Raeisi S*. The effects of ketogenic diet on beta-hydroxybutyrate, arachidonic acid, and oxidative stress in pediatric epilepsy. Epilepsy & Behavior. 2023: 140 (109106)
58. Soltani R, Barzegar M*, Ghaffarifar S. Determinants of oral health-related quality of life and its affecting factors in preschool children: Cross-sectional study. Journal of Oral Health and Oral Epidemiology. 2023 : 12 (1)
59. Ahmadpour Nazm S, Jahanafrooz Z, Bonyadi M, Masoudi N, Nouri Z, Barzegar M. Spectrum of MECP2 mutations in Iranian Azeri Turkish Rett syndrome patients. Neurology Asia. 2023 : 28(2)
60. Ashrafi MR, Kameli R, Hosseinpour S, Razmara E, Zamani Z, Rezaei Z, Mashayekhi R, Pak N, Barzegar M, ..., Tavasoli AR *. High genetic heterogeneity of leukodystrophies in Iranian children: the first report of Iranian Leukodystrophy Registry. High genetic heterogeneity of leukodystrophies in Iranian children: the first report of Iranian Leukodystrophy Registry. 2023 : 24(4).
61. Ranjbar N, Raeisi MR, Barzegar M, Ghorbanihaghjo A, Shiva S, Sadeghvand Sh, Negargar S, Poursistany H, Raeisi S *. The possible anti-seizure properties of Klotho. Brain Research. 2023 : (1820)
62. Aghaie P *, Barzegar M. Medication adherence and its relationship with stress, anxiety and depression in parents or caregivers of epileptic children. Epilepsy & Behavior. 2024 : 26:161
63. Hamedfar H, Barzegar M, Ranjbar F, Ghaffarifar S. Design and validation of the reflection skills self-assessment questionnaire (RSSAQ). Journal of Education and Health Promotion. 2024 : 13(1)

64. Poorshiri B, Jabbarpour N, Barzegar M, Bonyadi M, Ebadi Z. Giant axonal neuropathy: a rare inherited neuropathy with a novel mutation. Springer Nature. 2025 : 26(11)