



Curriculum Vitae

First name: Mohammad

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Date of Birth: 1962

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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	1999-2002
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	Clinical Neurophysiology	Tehran Children Medical Center	2016-2017

Thesis:

Title of specialty Thesis:

Survey of risk factors in pre mature neonates

Title of subspecialty Thesis:

Effect of lamotrygine in refractory epilepsy

Administrative Responsibilities:

Director of community medicine department- Faculty of Medicine- Tabriz University of Medical Sciences- From 2000-2002

Head of Tabriz children hospital- Teaching hospital- Tabriz University of Medical Sciences- From 2001-2002

Dean of Faculty of Medicine- Tabriz University of Medical Sciences- From 2002-2007

Head of Division of Pediatric Neurology. Tabriz Children Hospital- Tabriz University of Medical Sciences- From 2005-present

Head of Pediatric Health Research Center- Tabriz Children Hospital- Tabriz University of Medical Sciences- From 2010-2018

Director of Education Development Center- Tabriz University of Medical Sciences- From 2014-2018

Academic Membership:

Member of Iranian Child Neurology Association from 2000-

Member of National pediatric Neurology board exam from 2001-

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

Associate Member of Canadian clinical neurophysiology Society 2003-

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

Papers :

1. Ghofrani M * , Barzegar M . Aicardy syndrome a case report . Pejouhandeh Journal , Shahid Beheshti University of Medical Sciences . 1999 ; 23 (3) : 203-206
2. 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
3. Taghdiri M.M , Ghofrani M , Barzegar M , Moayedi A , Tonekaboni H . Review of 20 cases of multiple sclerosis in children in Mofid hospital in Tehran (Multiple Sclerosis (M.S) is rare in less than 10 years) . Journal Of Rehabilitation . 2001 ; 2 (4) : 63-67
4. Barzegar M . A case of landou – kleffner and treatment with steroids . Medical Journal of Tabriz University of Medical Science . 2002 ; 53 : 59-64
5. Amini A.GH * , Barzegar M , Hatami S . The State of Clinical Competencies of Medical Students in Performing Basic Clinical Procedures at Tabriz University of Medical Sciences and Health Services. Iranian Journal of Medical Education. 2001 ; 1 (4) : 9-16
6. Mortazavi F.S * , Rafiee M , Barzegar M . A case of mercury poisoning . Medical Journal of Tabriz University of Medical Science . 2003 ; 59 : 75-78
7. 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
8. Barzegar M , Amini A.GH , Hanayi J * , Yaghoubi A.R , Sadr K , Mohammadzadeh H . Knowledge , Attitude and Practice of Mothers Regarding Health care Facilities for Children under 6 years old . Medical Journal of Tabriz University of Medical Science . 2003 ; 59 : 23-28
9. Mohammad Zadeh H * , Alizadeh M , Amini A.GH , Sadr K , Barzegar M . Knowledge and practices of pregnant women about health care services during pregnancy and Postpartum Period . Medical Journal of Tabriz University of Medical Science . 2003 ; 59 : 110-114
10. Nikniyaz A.R * , Shaghagi AB.R , Farahbakhsh M , Alizadeh M , Barzegar M . Assessment of Health Care Facilities for children under 6 years old in North Western Tabriz . Medical Journal of Tabriz University of Medical Science . 2003 ; 59 : 120-123
11. Yaghoubi A.R * , Mohammadzadeh H , Barzegar M , Sadr K , Amini A.GH . Knowledge, attitude and practice of Women in need of family planning Services . Medical Journal of Tabriz University of Medical Science . 2003 ; 59 : 124-127

12. 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
13. Jabbarpur Bonyadi M * , Naddaf Niya H , Barzegar M , Ayremlou H , KHandaghi R , Amin Bakhsh M , SHimiya M , Omrani O . Study NAIP gene in patients with muscular atrophy - Spinal East Azarbaijan region 1999 to 2000 years . Journal Of Zanzan University Of Medical Sciences . 2004 ; 49 : 35-43
14. Ostad Rahimi A.R * , Mahboub S.A , Barzegar M , GHaemmaghani J . Prevalence of Vitamin D Deficiency and Other Possible Risk Factors in Reproductive Age Women in Tabriz . Medical Journal of Tabriz University of Medical Science . 2004 ; 64 : 24-27
15. Toopchizadeh V * , Barzegar M . A case repor Schwartz Jampl syndromet . Medical Journal of Tabriz University of Medical Science . 2000 ; 27 (1) : 69-71
16. Sakha K * , Barzegar M . Study Serum sodium and ionized calcium in febrile seizure . Medical Journal of Tabriz University of Medical Science . 2000 ; 27 (1) : 43-46
17. 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
18. Barzegar M * , Valizadeh S , Farshbaf Kamel F , Kargar Maher M.H . Comparison of Impact Home Versus Hospital Phototherapy for Term Healthy Newborns with Hyperbilirubinemia . Medical Journal of Tabriz University of Medical Science . 2005 ; 27 (3) : 19-25
19. Jabarpour Bonyadi M * , Omrani O , Hoseinpour feyzi M.A , Barzegar M , Sakha K , Mohades Ardebili M , Nadaf niya H . Study of SMN1 Gene among SMA Type I & II Patients from East Azerbaijan . Medical Journal of Tabriz University of Medical Science . 2005 ; 27 (4) : 23-28
20. Jabarpour Bonyadi M * , Barzegar M , Ayremlou H , KHandaghi R , Esmaeeli M . Screening and Genetic Diagnosis of Duchenne-Becker Muscular Dystrophy in East Azaribaijan by Multiplex-Pcr . Medical Journal of Tabriz University of Medical Science . 2006 ; 28 (1) : 33-39
21. Barzegar M * , Karegare Maher M.H , Keyvanchehr N . Epidemiologic and Clinical Features of First Febrile Convulsion in Children . Medical Journal of Tabriz University of Medical Science . 2006 ; 28 (1) : 17-21
22. Barzegar M * , Moghadam AB.V , Bilan N ,Toopchizadeh V , Pezeshki M.Z . Risk factors for respiratory failure in children with Guillain-Barre syndrome . Medical Journal of Tabriz University of Medical Science . 2006 ; 28 (1) : 17-21

23. Jabarpour Bonyadi M * , Omrani O , Barzegar M . Carrier Detection for Spinal Muscular Atrophy by Application of Microsatellites in Affected Families from East Azerbaijan . Medical Journal of Tabriz University of Medical Science . 2006 ; 28 (2) : 39-44
24. 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
25. Toopchizadeh V * , Barzegar M , Ghaderi F . Managing Spasticity in Pediatric Cerebral Palsy Using Botulinum Toxin (Dysport) . Medical Journal of Tabriz University of Medical Science . 2006 ; 28 (3) : 49-52
26. Barzegar M * , Jafari Rouhi A.H , Azarfarin R . Childhood Status Epilepticus : A Study on its etiology , management and early outcome . Medical Journal of Tabriz University of Medical Science . 2006 ; 28 (4) : 23-27
27. Abdoli Oskouie SH * , Barzegar M , Malekian A . Relationship Between Aseptic Meningitis and Mmr Vaccination . Medical Journal of Tabriz University of Medical Science . 2006 ; 28 (4) : 81-84
28. Abdoli Oskouie SH * , Barzegar M , Malekian A , Toopchizadeh V . Review of Infant Botulism and Report of One Case . Medical Journal of Tabriz University of Medical Science . 2007 ; 29 (1) : 121-124
29. Barzegar M * , Jameei Khosroshahi A , Jabbar Pour Bonyadi M , Toopchizadeh V . Clinical, Electrophysiologic and Genetic Characteristics of Childhood Onset Spinal Muscular Atrophy . Medical Journal of Tabriz University of Medical Science . 2002 ; 29 (2) : 21-25
30. 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 Zanzan University Of Medical Sciences And Health Services . 2007 ; 58 (14) : 24-31
31. Toopchizadeh V * , Hoseini S.M.J , Barzegar M , Rezamand A , Hosseinpour feizi A.A , Rahbar M , EslamyaN F . Electrophysiologic Feature of Vincristine-Induced Neuropathy . Medical Journal of Tabriz University of Medical Science . 2009 ; 31 (3) : 19-25
32. Zeinalzadeh nigh N , Jabarpour Bonyadi M * , Barzegar M . Detection of Suspected Duchenne muscular dystrophy Carriers by Microsatellite Markers Application . Journal Of Zanzan University Of Medical Sciences . 2007 ; 15 (59) : 65-76
33. Shiva S * , Barzegar M . Antiepileptic Drugs Effects on Vitamin D Status of Epileptic Children . Iranian Journal of Pediatrics . 2007 ; 17 (2) : 167-172

34. Barzegaer M * , Baradaran R , Gafar poor Sakha K , Mahbobi L , Shiva S , Ashrafi Hafez A . Infantile Nutritional Rickets and Vitamin D Status of Mothers . Medical Journal of Tabriz University of Medical Science . 2007 ; 29 (3) : 33-37
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36. Shiva S * , Barzegar M . Contributing Factors in Hypocalcemic Seizure due to Nutritional Rickets . Medical Journal of Tabriz University of Medical Science . 2008 ; 30 (1) : 75-78
37. Zeinalzadeh Niagh N , Jabbarpoor Bonyadi M * , Barzegar M , Naddaf Neyha H . Detection of Duchenne Muscular Dystrophy Carriers by Applying Microsatellite Markers . Medical Journal of Tabriz University of Medical Science . 2008 ; 30 (1) : 57-64
38. Toopchizadeh V * , Barzegar M . A Case Series of Depressor Anguli Oris Muscle Hypoplasia . Cause of Asymmetric Neonatal Crying Face . Medical Journal of Tabriz University of Medical Science . 2008 ; 30 (2) : 145-147
39. Azimi N , Jabarpour Bonyadi M * , Somi M.H , Rafiee M , Sarami F , Mohamadiyan R , Farhodi M , Barzegar M . Using genetic markers to study families with Wilson disease in the provinces of East Azerbaijan and West . The Journal of Urmia University of Medical Sciences . 2007 ; 2 (18) : 461-468
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43. Toopchizadeh V * , Barzegar M , Hoseini S.M.J . Cerebral Palsy in Respect of Etiology, Type, Associated Disorders and Motor Development in Tabriz Children Medical Center . Medical Journal of Tabriz University of Medical Science . 2008 ; 30 (4) : 27-31

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45. 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
46. 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
47. 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
48. 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
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51. Dastgiri S * , Imani S , Barzegar M , Kalankesh L , Heydarzadeh M . Congenital anomalies in Iran : a cross-sectional study on 1574 cases in the north-west of country . Child; Care , Health & Development . 2007 ; 33 (3) : 257-261
52. Barzegar M , Hashemilar M * . Alpers disease: Report of two familial cases . Pakistan Journal of Medical Sciences . 2007 ; 23 (4) : 643- 646
53. Toopchizadeh V * , Barzegar M . Electrophysiologic features of childhood Guillain- Barre syndrome in Iran . Journal of Pediatric Neurology . 2008 ; 6 (1) : 11-16
54. Barzegar M * , Alizadeh A , Toopcizadeh V , Dastgiri S , Majidi J , Association of campylobacter jejuni infection and Guillain Barre : a cohort study in North West of Iran . The Turkish Journal of Pediatrics . 2008 ; 5 (50) : 443- 448
55. 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

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57. Omrani O , Jabbar Pour Bonyadi M * , Barzegar M . Molecular analysis of the SMN and NAIP genes in Iranian spinal muscular atrophy patients . Pediatrics International . 2009 ; 51(2) : 193-196
58. Barzegar M * , Shoaran M . Guillain-Barre syndrome associated with brucellosis . Pakistan Journal of Medical sciences . 2009 ; 25 (2) : 329-331
59. Barzegar M . Childhood Guillain-Barre syndrome . Iranian Journal of Child Neurology . 2009 ; 3 (1) : 7-11
60. 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
61. 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
62. Barzegar M * , Irandoost P , Ebrahimi mameghani M.A . A Modified Atkins Diet for Intractable childhood Epilepsy . Iranian Journal of Child Neurology . 2010 ; 4 (3) : 15-20
63. Barzegar M * , Toopchizadeh V , Shiva Sh . Recurrence of childhood Guillan-Barre Syndrome as a Pharyngeal-cervical-brachial variant : A case report . Journal of Pediatric Neurology . 2010 ; 8 (4) : 399-401
64. 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
65. Barzegar M * , Shoaran M , Jabarpour Bonyadi M . Very Severe Spinal Mucular Atrophy (Type 0) : A Repotr of Three Cases . Iranian Journal of Child Neurology . 2010 ; 4 (2) : 51-53
66. Bonyadi M.R * , Barzegar M , Badalzadeh R , Hashemiler 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
67. Barzegar M * , Shoaran M . Clinical and Laboratory Analysis of the Rett Syndrome : Report of 20 Cases . Medical Journal of Tabriz University of Medical Science . 2010 ; 32 (5) : 20-24

68. Barzegar M * , Hashemiler M , Bonyadi M.R . Campylobacter Jejuni Infection and Childhood Guillan-barre Syndrome . Pakistan Journal of Medicale Scienes . 2010 ; 26 (2) : 304-309
69. Barzegar M * , Karegar Maher M.H , Purhasan D , Bonyadi M.R . Clinical and laboratory characteristics of children with a history of GBS infection Campylobacter jejuni . Pejouhandeh Journal , Shahid Beheshti University/ Medical Sciences . 2009 ; 17 (6) : 307-312
70. Barzegar M * , Ostad Rahimi A.R , Eslampour Sh , Shahbazi Sh . The Ketogenic Diet for Refractory Childhood Epilepsy . Medical Journal of Tabriz University of Medical Science . 2010 ; 31 (2) : 15-20
71. Shiva S * , Barzegar M , Serajiyan E , Ghiyasi S.G . Seizure Frequency and Electroencephalographic Finding in Children with Phenylketonuria . Medical Journal of Tabriz University of Medical Science . 2011 ; 33 (4) : 37-41
72. Barzegar M * , Mahalee M , Hosseini M.B . Congenital hypomyelinating neuropathy in a newborn: a case report . Pejouhandeh Journal , Shahid Beheshti University/ Medical Sciences . 2011 ; 16 (3) : 144-146
73. Barzegar M * , Shoaran M . Stroke in a child with type IV` hereditary autonomic neuropathy : A coincidence or complication? Pakistan Journal of Medical Sciences . 2011 ; 5 (27) : 1181-1183
74. Shiva S * , Barzegar M , Zokayi N , Shiva SH . Dose Supplement al Zinc Prevents Recurrence of Febrile Seizures? Iranian Journal of Child Neurology . 2011 ; 4 (5) : 11-14
75. Toopchizadeh V * , Nabiollahi R , Barzegar M , Shiva S , Eftekharsadat B , Gojazadeh M , Bone Mineral Density in Children with Cerebral Palsy . Medical Journal of Tabriz University of Medical Science . 2012 ; 34 (5) : 9-13
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78. 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

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80. 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
81. 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
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83. 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
84. Shiva S * , Jodeiry B , Barzegar M , Ilkhchooyi F , Eskandarzadeh SH . Evaluating the Survival Rate and Growth Parameters of Very Low Birth Weight Neonates at the End of Third Year of Life. Medical Journal of Tabriz University of Medical Sciences and Health Services . 2013 ; 35 (5) : 56-59
85. Malekian A * , Barzeqr M , Malaki M , Shiva S . Different subtypes of Guillane-Barre syndrome in children . Journal of Pediatric Neurology . 2013 ; 11 (3) : 159-163
86. Jafari-Rouhi A.M * , Sardashti S , Taghizadieh A , Soleiman Pour H , Barzegar M . The Emergency Severity Index , version 4, for pediatric triage: a reliability study in Tabriz Children's Hospital, Tabriz , Iran . International Journal of Emergency Medicine . 2013 ; 6 (36) : 1-5
87. Barzegar M , Malaki M * . Guillain-Barre syndrome presenting with severe hydrocephalus in a child . Journal of Pediatric Neurosciences . 2013 ; 8 : 175-176
88. Barzegar M * , Malaki M , Sadegi Hokmabadi E . Joubert Syndrome with Variable Features: Presentation of Two Cases . Iranan Journal of Child Neurology . 2013 ; 7 (2) : 43-46
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91. Shiva S , Khafaf Pour Z * , Barzegar M , Aslanabadi S , Jodeiri B , Heidarabadi S . Study on Growth and Neurodevelopment in above three year old children with history of congenital esophageal atresia or diaphragmatic . The Journal of Urmia University of Medical Sciences . 2014 ; 25 (9) : 853-861
92. Bilan N , Barzegar M , Pirzadeh H , Saboktakin L * , Gorbani Haghjo A . Serum copper and zinc levels of children with asthma . International Journal of Current Research and Academic Review. 2014 ; 2 (8) : 266-273
93. Niusha M , Rahmani S.A , Barzegar M * . Cytogenetic study of mentally retarded children and detection of 15 Q11-Q13 deletion with fish technique . International Journal of Current Life Sciences. 2014 ; 11 (4) : 10958-10961
94. 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
95. Barzegar M * , Habibi P , Jabbarpour Bonyadi M , Toopchi Zadeh V, Shiva SH . Exon Deletion Pattern in Duchene Muscular Dystrophy in North West of Iran . Iranian Journal of Child Neurology . 2015 ; 9 (1) : 42-48
96. Bilan N * , Barzegar M , Habibi P . Predictive Factors of Respiratory Failure in Children with Guillain-Barre Syndrome . International journal of pediatric. 2015 ; 3 (2-1) : 33-37
97. Malaki M, Barzegar M . Baclofen Induced Encephalopathy in a 6-Year-Old Boy with Advanced Renal Failure . Iran J Child Neurol . 2015 ; 9 (2) : 61-63
98. Toopchizadeh V * , Barzegar M , Habib Zadeh Afshin . Sciatic Nerve Injection Palsy in Children, Electrophysiologic Pattern and Outcome: A Case Series Study . Iran J Child Neurol . 2015 ; 9 (3) : 69-72
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100. Sayyahmelli M, Barzegar M * , Bilan N, Aslanabadi S, Khoshbaten M, Ghasem Zadeh A et al . Comparison multiple-choice questions quality parameters of pediatric, general surgery, internal medicine and gynecology and obstetrics residency tests between preboard

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 102. Barzegar M , Valizadeh S , Gojazadeh M , Asghari Jafarabadi M , Zamanzadeh V and Shahbazi Sh * . The Effects of Two Educational Strategies on Knowledge, Attitude, Concerns, and Practices of Mothers With Febrile Convulsive Children . *Thrita*. 2016 June; 5(2): e33411.
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 104. 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)
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 - 108 Barzegar M , Heidari F , Baradaran Binazir M * . Selecting and modifying items from the Ministry of Health clinical teaching standards for developing a checklist . *Res Dev Med Educ*, 2018, 7(2) .
 109. 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)
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