

Curriculum Vitae

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Hossein Moravej, M.D.

Specialty Board of Pediatrics,
Subspecialty board of Pediatric Endocrinology and metabolism

Personal data:

Nationality: Iranian

Date of birth: 31 July 1972

Place of Birth: Shiraz, Iran

Sex: Male

Marital Status: Married

No. of children: 2 son

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Education :

- High School Diploma, Sherafatian School, Shiraz, Iran, 1990.
- M.D., Rafsanjan University of Medical Sciences, Rafsanjan, Iran, 1990-1996
- Internship, Rafsanjan University of Medical Sciences, Rafsanjan, Iran, 1997-1999
- Pediatrics Residency, Department of Pediatrics, Shiraz University of Medical Sciences, Shiraz, Iran, 2002-2005.
- Fellowship in Pediatric Endocrinology and Metabolism, Department of Pediatric Endocrinology and Metabolism, Shiraz University of Medical Sciences, Shiraz, Iran, 2010- 2012
- Fellowship in Inborn Metabolic Diseases, Gasthuisburg Hospital, KU Leuven, Belgium; July 2017- December 2017

Qualifications:

- M.D: Rafsanjan University of Medical Sciences, Rafsanjan, Iran, 1990-1996
- International Diploma in Malaria and planning its control, WHO Regional Training Center 1998, Bandar Abbas, Iran, 2001
- Specialty Board, Pediatrics: Iranian National Board of Pediatrics, Shiraz, Iran, 2005
- Subspecialty Board, Pediatric Endocrinology and Metabolism: Iranian National Board of Pediatric of Pediatric Endocrinology and Metabolism, Shiraz, Iran, 2012.

Professional Membership:

- Iranian National Medical Council
- Iranian National Pediatrics Society, Fars Branch
- Iranian Association of Pediatric Endocrinology and Metabolism
- International Society for Pediatric and Adolescent Diabetes (ISPAD)
- Society for the Study of Inborn Errors of Metabolism (SSIEM)

Academic Appointments:

- Associate Professor, Department of Pediatrics, School of Medicine, Shiraz University of Medical Sciences, Since 2007.

Thesis:

- M.D.: The effect of oral fish oil diet on wound healing in chronic diabetic rats
- Specialty of pediatrics: Cow's milk allergy in infantile colic

- Subspecialty of pediatric Endocrinology and Metabolism: Critical illness-related corticosteroid insufficiency

Services:

1. Chief of Fath Abad-e-Ghir Urban Health Center, Fars Province, Iran. 1999-2001
2. Chief of Council and Management Center, Firuzabad State Welfare Organization, Fars, Iran.
3. Chief of Neyriz District Health Network, Fars Province, Iran. 2005-2006
4. Manager of treatment affairs, Shiraz University of Medical Sciences, Shiraz, Iran, 2006-2007.
5. Member, Central Committee of maternal mortality, Shiraz University of Medical Sciences, 2007.
6. Member, Central Committee of referral evaluation, Shiraz University of Medical Sciences, 2009.
7. Assistant dean of Education, ShahidMotahari Subspecialty Clinic, Shiraz, Iran, 2007-2008.
8. Assistant dean of education, ShahidFaghihi Hospital, 2008
9. Member, Committee of mortality evaluation, ShahidDastgheib Hospital, 2008-2010.
10. Chief of ShahidMotahari Subspecialty Clinic, Shiraz, Iran. 2007-2010.
11. Chief of Imam Reza Subspecialty clinic, Shiraz, Iran. 2009-2010.
12. Member, Poliomyelitis assessment Committee, Fars province, Iran.
13. Member, Pediatric Mortality Committee, Nemazee Hospital, 2009- present
14. Member, Central Committee of Childhood Mortality evaluation, Shiraz University of Medical Sciences, 2009.
15. Member, Examiner Board of Promotion of Pediatrics Resident, Shiraz University of Medical Sciences, 2011- Present.
16. Secretary, National Congress of Pediatric Endocrinology and Metabolism, Shiraz, Iran. 2011
17. Secretary, "Congress of Insulin, my Friend", Shiraz, Iran, 2011
18. Head of Pediatric Emergency Department, Nemazee Hospital, Shiraz, Iran.
19. Chief of International Medical Students Association (IMSA), Shiraz Branch, 2014- present.
20. Deputy of Education and Research, Nemazee Teaching Hospital, Shiraz University of Medical Sciences, 2014-2018.
21. Member, Treatment and Drug Committee, Nemazee Teaching Hospital, Shiraz University of Medical Sciences, 2014-present.
22. Member, Committee of Health Information Technology, Nemazee Teaching Hospital, Shiraz University of Medical Sciences, 2014-present.
23. Member, Health Ethics Committee, Nemazee Teaching Hospital, Shiraz University of Medical Sciences, 2014-present.
24. Member, Quality Improvement Committee, Nemazee Teaching Hospital, Shiraz University of Medical Sciences, 2014-present.

25. Member, Triage Committee, Deputy of Treatment Affairs, Shiraz University of Medical Sciences. 2014-present.
26. Member, Nutrition Research Center, Shiraz University of Medical Sciences, 2014-present.
27. Head of Clinical Research Center, Nemazee Teaching Hospital. Shiraz University of Medical Sciences, 2014-2017.
28. Member, Pediatric Emergency Committee, Pediatric Department, Shiraz University of Medical Sciences. 2015_ present.
29. Head of Committee of education, Nemazee Teaching Hospital, Shiraz University of Medical Sciences, 2016.
30. Head of Committee of Mortality, Nemazee Teaching Hospital, Shiraz University of Medical Sciences, 2017.
31. Member, Committee of Normal Vaginal Delivery, Nemazee Hospital, Shiraz University of Medical Sciences, 2017.

Publications:

1. Imanieh MH, **Moravej H.**, Kashef S, Handjani F, Eghtedari F, KamaliSarvestani S. Cow's milk allergy in infantile colic. *Armaghane-danesh*. 2004; 9 (35): 46-56.
2. MakekMakan L., Hghpanah S., **Moravej H.**, Sharifi M. The effect of intervention on patients satisfaction in emergency departments of the hospital affiliated to Shiraz University of Medical Sciences. *Journal of Jahrom University of Medical Sciences*. 2010; 7(3): 58-63.
3. **Moravej H.**, Immanieh MH, Kashef S, Handjani F, Eghtedari F. Predictive value of the cow's milk skin prick test in infantile colic. *Ann Saudi Med*. 2010 Nov- Dec; 30 (6): 468-70.
4. Dehghani SM, Katibeh P, Haghghat M, **Moravej H.**, Asadi S. Prevalence of zinc deficiency in 13-18 years old children in Shiraz, Iran. *Iran Red Crescent Med J*. 2011 Jan; 13 (1): 4-8.
5. Amirhakimi A, Karamifar H, **Moravej H.**, Amirhakimi G. Serum resistin level in obese male children. *J Obes*. 2011; Article ID 953410, 3 pages.
6. **Moravej H.** Reply. *Ann Saudi Med* 2011; 31(6): 662.
7. Edraki M., **Moravej H.**, Rambod M. Effect of a home visit educational program on mortality and morbidity of preterm newborn. *J ShahidSadoughiUniv Med Sci*, 2012; 19 (6): 736-44.
8. **Moravej H.**, Karamizadeh Z. Nikfarjam F., Amoozgar H. Pericardial

effusion in a teenaged type 1 diabetic patient after insulin therapy. Iran J Pediatrics 2012; 22 (4): 570-71.

9. **Moravej H.** Are general physicians prepared to respond to telephone consultations? Accepted for publication in Iranian J Pediatrics 201;22(4):575-76.
10. Saki F, Karamizadeh Z, Honar N, **Moravej H**, Ashkani-Esfahani S, NamvarShooshtarian M. Association of plasma retinol binding protein-4 (RBP4) and sonographic grading of fatty liver in obese Iranian children. Hepatitis Monthly 2012;12(12):e7103.
11. Seyed Mohsen Dehghani, Mohammad Hadilmanieh, AsmaErjaee, **HosseinMoravej**, RazieMatin, MahmoodHaghighat. The role of metoclopramid for treatment of functional constipation in children: a double blind study. Journal of Pediatric Sciences 2012;4(3):e144.
12. **HosseinMoravej**, Seyed Mohsen Dehghani, HamidehNikzadeh, AbdorrasoulMalek-pour. Lower gastrointestinal bleeding in children: experiences from referral center in southern Iran. J Compr Ped.2013;3(3): 115-8.
13. **Moravej H**, Haghbin S, Dehghani SM. Pediatric Residents' Dexterity in Performing Lumbar Punctures. J ComprPed. 2013;3(4):160-4.
14. **HosseinMoravej**, Seyed Mohsen Dehghani, Review of the training program of pediatric residents: is it appropriate for their future careers? MJIRI 2013;27(4):225-8.
15. **Moravej H**, Edraki M, Rambod M. The effect of home visitation educational program on the nutrition pattern and duration of exclusive breastfeeding in preterm newborns. Sadra Med Sci J 2013;2(1):1-10.
16. **Moravej H**, Nasirabadi S, Amirhakimi GH, Karamifar H, Karamizadeh Z. Bruck Syndrome: a rare syndrome of bone fragility and joint contracture and novel homozygous FKBP10 mutation. Accepted for publication in EndokrynologiaPolska J.
17. MahmoodHaghighat, **HosseinMoravej**, Maryam Moatamedi.

Epidemiology of pediatric acute poisoning in southern Iran: a hospital-based study. *Bull Emerg Trauma* 2013; 1(1): 28-33.

18. M. Edraki, **H. Moravej**, M. Rambod. The effect of home visitation educational program on the nutrition pattern and duration of exclusive breastfeeding in preterm newborns. *Pediatr Crit Care Med* 2014; 15(4 suppl.): 38-39.
19. Hamdollah Karamifar, **Hossein Moravej**, Zohreh Karamizadeh, Gholamhossein Amirhakimi. Critical illness-related corticosteroid insufficiency. Accepted for publication in *Galen Medical Journal*.
20. Edraki M, **Moravej H**, Rambod M. Effect of Home Visit Training Program on Growth and Development of Preterm Infants: A Double Blind Randomized Controlled Trial. *IJCBNM*. 2015; 3(1):12-22.
21. Karamifar H, **Moravej H**, Karamizadeh Z, Amirhakimi G. Critical illness-related corticosteroid insufficiency. *GMJ* 2015, 4(1):59.
22. Seyed Mohsen Dehghani, **Hossein Moravej**, Elahe Rajaei, Hazhir Javaherizadeh. Evaluation of familial aggregation, vegetable consumption, legumes consumption, and physical activity on functional constipation in families of children with functional constipation versus children without constipation. *Prz Gastroenterol* 2015; 10 (2): 89–93. DOI: 10.5114/pg.2015.48996.
23. **H Moravej**, Z Karamizadeh, M Paran. The Outcome of Infantile Onset Pompe Disease in South of Iran. *Iran J Pediatr*. 2016 Feb; 26(1): e4473. Published online 2016 Jan 30. doi: 10.5812/ijp.4473
24. **Hossein Moravej**, Salehi A, Shamsedini A, Kolouri S, Karamizadeh Z. Complementary and Alternative Medicine to Treat Diabetes Mellitus Type 1 in Southern Iran. *Iran J Med Sci*. 2016 Jan; 41(1):71-72.
25. Zohreh Karamizadeh, Hamdollah Karamifar, Gholamhossein Amirhakimi, **Hossein Moravej**, Ladan Naser Moaddeli. A Case of Antley-Bixler Syndrome with New Genetic Study Result. *British Journal of Medicine and Medical Research*, 2016; 1(10).
26. Zarei T, Haghpanah S, Parand S, **Moravej H**, Dabbaghmanesh MH, Omrani GR, Karimi M. Evaluation of bone mineral density in patients with hemoglobin H disease. *Ann Hematol*. 2016 Jun 3. PMID:27256348.

27. **Moravej H**, Karamifar H, Karamizadeh Z, Amirhakimi G, Atashi S, Nasirabadi S¹. Bruck syndrome - a rare syndrome of bone fragility and joint contracture and novel homozygous FKBP10 mutation. *Endokrynol Pol.* 2015; 66(2):170-4. doi: 10.5603/EP.2015.0024.
28. **Moravej H**, Karamizadeh Z, Aryani O. Oral Therapy in a Diabetic Patient with History of Infantile Hyperinsulinism. *Iran J Pediatr.* 2015 Aug; 25(4):e268. doi: 10.5812/ijp.268. Epub 2015 Aug 24.
29. Tahereh Zarei¹, Sezaneh Haghpanah, Shirin Parand, **Hossein Moravej**, Mohammad Hossein Dabbaghmanesh, Gholamhossein Ranjbar Omrani, Mehran Karimi. Evaluation of bone mineral density in patients with hemoglobin H disease. *Ann Hematol.* 2016 Jun; 95:1329–1332.
30. **Moravej H**, Goodarzi M, Karamizadeh Z. The Relation between Demographic Factors, Family History, Concomitant Autoimmune Diseases and Glycemic Control in Children with Type 1 Diabetes, A Cross-Sectional Study. *Peertechz J Pediatr Ther.* 2016 Jun; 2(1): 006-009.
31. **Moravej H**, Karamizadeh Z, Paran M. The outcome of infantile onset pompe disease in south of Iran. *Iran j pediatr.* 2016feb; 26(1):e4473.
32. **Hossein Moravej**, Anis Amirhakimi, Alireza Showraki, Hamid Amoozgar, Zahra Hadipour, Ghasem Nikfar. A New Mutation Causing Severe Infantile-Onset Pompe Disease Responsive to Enzyme Replacement Therapy. *IJMS* 2018;43(2):218-222.
33. **Moravej H**, Ilkhanipour H, Serati Shirazi Z, Azargoon M.S, Amirhakimi A. Outcome of patients with diabetic ketoacidosis in south of Iran. *J Endocrinol Diab* 2017;4(2):1-6.
34. Mohammadreza Edraki, Rafat Noiaqhdam, Hossein Moravej, Hamid Amoozgar. Echocardiographic data and B-type natriuretic peptide in children and adolescents with type 1 diabetes mellitus and normal ejection fraction. *international cardiovascular research journal.* 2019;13(4):115-119.
35. Dehghani SM, Javaherizadeh H, Heydari M, Honar N, Maryam Ataollahi M, Homayoun Ilkhanipour H, **Moravej H**. Stunting, wasting, and mid upper arm circumference status among children admitted to Nemazee Teaching Hospital; *Nutr Hosp* 2018; 35:33-37.
36. Zohreh Mazloom, Seyedeh Maryam Abdollahzadeh, Vahid Ashktorab, Baran Hashemi, Mojtaba Zandieh, **Hossein Moravej**, Metabolic Nutri-Expert System: A C

omprehensive Tool for Achieving Metabolic Control of Inborn Errors of Amino Acid Metabolism. IJCA 2018;182(10):1-5.

37. FatemehMaghami, Seyed Mohammad BagherTabei, **HosseinMoravej**, Hassan Dastsooz, FarzanehModarresi, Mohammad Silawi, Mohammad Ali Faghihi, Splicing defect in FKBP10 gene causes autosomal recessive osteogenesis imperfecta disease: a case report. BMC Medical Genetics 2018;19:86.
38. Fatemi MJ, Fararouei M, **Moravej H**, Dianatinasab M. Stunting and its associated factors among 6-7-year-old children in southern Iran: a nested case-control study. Public Health Nutr. 2018;15:1-8.
39. Camellia Torabizadeh, KatayounJalali, MarziehMoattari, **HosseinMoravej**, Effects of the Problem Solving Technique in Type 2 Diabetic Patients with Cognitive Impairment: A Randomized Clinical Trial. International Journal of Community Based Nursing and Midwifery 2018;6 (3), 197-208.
40. Altassan R, Peanne R, Jaeken J, ..., Moravej H,and Morava E. International clinical guidelines for the management of phosphomannomutase 2-congenital disorders of glycosylation: Diagnosis, treatment and follow up. J Inher Metab Dis. 2019;42:5-28.
41. Ilkhanipoor H, Mirrashidi FS, Dehghani SM, Moravej H. Examining the frequency of insulin resistance in children with chronic hepatic disease. Journal of Endocrinology and diabetes. J Endocrinol Diab 2019; 6(1): 1-4
42. Hossein Moravej, Ruqaiyah Altassan, Jaak Jaeken, et al. Hypoglycemia in CDG patients due to PMM2 mutations: Follow up on hyperinsulinemic patients. JIMD Reports. 2019;1-6.
43. Hossein Moravej, Alireza Salehi, Zahra Razavi, Mahmood Reza Moein, Hamed Etemadfar, Forough Karami, Forough Ghahremani. Chemical Composition and the Effect of Walnut Hydrosol on Glycemic Control of Patients With Type 1 Diabetes. Int J Endocrinol Metab .2016 Jan 30;14(1):e34726.
44. Hossein Moravej, Mozhagn Moghtaderi, Sara Mostafavi: An Iranian Patient With Maroteaux Type Acromesomelic Dysplasia, Showing No Involvement of Distal Lower Limbs. J Clin Res Pediatr Endocrinol . 2020 Mar 19;12(1):122-123.

45. Hossein Moravej, Marziyeh Rassafian, Anis Amirhakimi, Homa Ilkhanipour, Shokrollah Mazloumi- Abrazgah, Negar Yazdani. A Survey on the Frequency of Type 1 Diabetes Mellitus and its Related Factors from 2004-2014. Journal of Fasa University of Medical Sciences ,spring2020, 10(1): 1924-1931.

46. Hossein Moravej^{1,2}, Shahrokh Rakhshandehroo³, Homa Ilkhanipour², Anis Amirhakimi², Khashayar Rostami⁴, Negar Yazdani¹, *, Mozghan Moghtaderi¹ and Shokrollah Mazloumi-abrazgah². Role of Selenium Deficiency in Pediatrics with Acquired Hypothyroidism. Accepted for publication in International Journal of preventive medicine.

47. Mitra Edraki , Afsaneh Zarei , Mitra Soltanian , Hossein Moravej. The Effect of Peer Education on Self-Care Behaviors and the Mean of Glycosylated Hemoglobin in Adolescents with Type 1 Diabetes: A Randomized Controlled Clinical Trial. International Journal of Community Based Nursing & Midwifery (IJCBNM), July 2020; Vol 8, No 3

48. Mohammad Javad Fatemi, Mostafa Dianatinasab, Golnaz Sharifnia, Hossein Moravej & Mohammad Fararouei. Growth retardation among children in southern Iran: a 7year population based cohort study. BMC Public Health (2020) 20:1392

49. M Gholami, M Khojastefar, H Moravej, Z Kavosi. Evaluation of patients' expectations and observation of their rights in the emergency department of Nemazee Hospital during 2015. Iranian Journal of Medical Ethics and History of Medicine. 2016

Presentation:

1. Ability of parents for diagnosing fever in children without using thermometer. The 4th Sarvar Festival of Children Researches, November 10-11, 2010, Mashhad, Iran.
2. Pediatric Residents Dexterity in Performing Lumbar Punctures. 32nd Congress of Iranian Society of Pediatrics, May 13-18, 2011, Tehran, Iran.
3. Metabolic causes of epilepsy. The 2nd Congress and Workshop on Inborn Error of Metabolism, Rare Of The Rare, 27 feb-1 March, 2013, Tehran, Iran.
4. Maturity Onset Diabetes of Youth. The 6th Iranian Congress on Update in Pediatric Endocrinology and Metabolism, August 21-23, 2013, Mashhad, Iran.
5. Curriculum of pediatric residents' training: is it effective and enough for their future careers? 9th International Medical Education Conference, 11-13 March 2014, Kuala Lumpur.
6. Liver transplantation in metabolic disorders. The 8th Iranian Congress of Pediatric Endocrinology and Metabolism. 10-12 June 2015. Sari, Iran

7. Pseudo-precocious puberty. 1st Professor Amirhakimi International Pediatric Congress, 4-7 May 2016, Shiraz, Iran.
8. Growth Hormone Deficiency. 9th National Congress of Pediatric Endocrinology and Metabolism, 28-30 July 2017, Tabriz, Iran.
9. Hypoglycemia. 10th National Congress of Pediatric Endocrinology and Metabolism. 26-28 Apr 2017, Rasht, Iran.
10. Growth. The 11th Annual Congress of Iranian Pediatric Endocrinology And Metabolism. 2-4 May 2018, Yazd, Iran.
11. Continuous Glucose Monitoring for Type 1 Diabetes. The 11th Annual Congress of Iranian Pediatric Endocrinology And Metabolism. 2-4 May 2018, Yazd, Iran.
12. Incomplete Management of Metabolic Diseases. The 11th Annual Congress of Iranian Pediatric Endocrinology And Metabolism. 2-4 May 2018, Yazd, Iran.
13. A new aspect in treatment of methylmalonic acidemia in southern Iran. The 30th International Congress of Pediatrics. 18-21 October 2018, Tehran, Iran.
14. Congenital Metabolic Diseases in adulthood. Inborn Errors of Metabolism Symposium, 7-8 March 2019, Shiraz, Iran.
15. Congenital Metabolic Disease as a cause of epilepsy in adults. Annual Epilepsy Symposium, 28 February 2019, Shiraz, Iran.
16. Congenital metabolic diseases. 1st international congress of perinatology and 7th national congress of perinatology and neonatology, 16-19 April 2019, Shiraz, Iran.
17. Causes of hyperammonemia. International webinar of hyperammonemia: diagnosis and management. 16.7.2020, Iran.

Books:

1. My child and me; The approach to important childhood problems during times of health and illness (in Persian), 2012.