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Pediatric Endocrinologist and Metabolism

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EDUCATION

1989/1993	Ghods High School, Tehran,Tehran **Diploma**
1993/1998	Jundishapour Medical Sciences University, Ahvaz, Khozestan **M.D.**

POST GRADUATE TRAINING

1999/2001	Shahid Beheshti Medical Sciences University, Tehran, Tehran **Board of Pediatric**
2002/2004	Shiraz Medical Sciences University, Shiraz, Fars **Pediatric Endocrinologist and Metabolism**

POST DOCTORIAL WORK

2005 - 2005	London, UK
(6 month)	**Fellowship of Pediatrics Endocrine**

PROFESSIONAL APPOINTMENTS

1993-1996	health Center of Shushtar, Ahvaz, Khozestan
(3 Year)	General physician
2002 - 2011	Shahid Beheshti Medical Sciences University, Tehran, Tehran
(8 Year)	**Assistant of professor,** Pediatric Endocrinologist and Metabolism
2012 - 2017	Shahid Beheshti Medical Sciences University, Tehran, Tehran
(5 Year)	**Associate of professor,** Pediatric Endocrinologist and Metabolism

PRIVATE PRACTICE

2012 - 2017	Pediatric Endocrinologist and Metabolism, No. 11, Mina St, Shariati St, Tehran, Tehran, Iran

MEDICAL AND SCIENTIFIC SOCIETIES

2010	Pediatric Endocrinology & Metabolism Society

COMMITTEE APPOINTMENTS

1999-2000	Imam Hassan Mojtaba (AS), Karaj, Alborz Pediatric ward Hospital, Head
2005-2017	Shahid Beheshti Medical Sciences University, Mofid Children's Hospital, Tehran, Tehran 6th -11th Congress of Pediatric Emergencies, Member of Executive Committee and Scientific
2007-2009	Shahid Beheshti Medical Sciences University, Clinical Research Development Center Loghman Hospital, Tehran, Tehran Research Council, Member
2007-2016	Shahid Beheshti Medical Sciences University, Mofid Children's Hospital, Tehran, Tehran Technical manager, Head
2007-2017	Shahid Beheshti Medical Sciences University, Tehran, Tehran Education Committee Pediatrics, Member
2007-2017	Shahid Beheshti Medical Sciences University, Mofid Children's Hospital, Tehran, Tehran Endocrinology and Metabolism Ward, Head
2008-2009	Ministry of Health and Medical Education, Tehran, Tehran National Scientific consultative Committee on National Program PKU, Member
2009	Shahid Beheshti Medical Sciences University, Pediatric Infectious diseases Research Center, Tehran, Tehran Seminar arthritis in children, Member of Scientific Committee
2009-2010	Shahid Beheshti Medical Sciences University, Tehran, Tehran Design committee questions 28th-29th promotion test, Member
2009-2017	Shahid Beheshti Medical Sciences University, Tehran, Tehran Nutrition and diet therapy committee, Member
2009-2017	Shahid Beheshti Medical Sciences University, Mofid Children's Hospital, Tehran, Tehran Pediatric diabetes educational clinic, Set up

2009-2016	Shahid Beheshti Medical Sciences University, Mofid Children's Hospital, Tehran, Tehran Mofid Children's Hospital Clinics, Head
2009-2017	Ministry of Health and Medical Education, Faculty of Consulting for Disease Control and Prevention, Tehran, Tehran PKU and hypothyroid (neonatal screening), Member
2010-2017	Pediatric Endocrinology & Metabolism Society, Tehran, Tehran Board of Pediatric Endocrinology & Metabolism Society, Member
2010-2017	Pediatric Endocrinology & Metabolism Society, Tehran, Tehran Founder of Pediatric Endocrinology & Metabolism Society, Member
2010-2017	Shahid Beheshti Medical Sciences University, Clinical Research Development Center Mofid Children's Hospital, Tehran, Tehran Research Council, Member
2011	Shahid Beheshti Medical Sciences University, Pediatric Infectious diseases Research Center, Tehran, Tehran Seminar Otitis, Rhinitis and Sinusitis in children, Member of Scientific Committee
2011	Shahid Beheshti Medical Sciences University, Tehran, Tehran Exams OSCE and board exam, partnership

POST DOCTORIAL CONFERENCES

February 2011	6th Congress of Pediatric emergencies and common diseases Shahid Beheshti Medical University,Tehran, Tehran
February 2010	5th Congress of Pediatric emergencies and common diseases Shahid Beheshti Medical University, Tehran, Tehran
February 2010	Seminar Arthritis in Children. Pediatric Infectious Research Center, Shahid Beheshti University of Medical Sciences , Tehran, Tehran
2007	Second congress of pediatric endocrinology, Tehran, Tehran
February 2006	Second Congress of Pediatric emergencies and common diseases Shahid Beheshti Medical University, Tehran, Tehran
May 2006	Physicians Annual Conference of Iran, Tehran, Tehran
February 2005	Physicians Annual Conference of Iran, May 2006. Hypoglycemia in pediatrics. First Congress of Pediatric emergencies and common diseases Shahid Beheshti Medical University,.
May 2004	Physicians Annual Conference of Iran, Tehran, Tehran

PUBLICATIONS

Abiri M, Karamzadeh R, Mojbafan M, Alaei MR, Jodaki A, Safi M, Kianfar S, Sarhaddi AB, Noori-Daloii MR, Karimipoor M, Zeinali S. In silico analysis of novel mutations in maple syrup urine disease patients from Iran. Metabolic Brain Disease, 32(1), 2017 Feb 1

Abiri M, Karamzadeh R, Karimipoor M, Ghadami S, Alaei MR, Bagheri SD, Bagherian H, Setoodeh A, Noori-Daloii MR, Zeinali S. Identification of six novel mutations in Iranian patients with maple syrup urine disease and their in silico analysis. Mutation Research/Fundamental and Molecular Mechanisms of Mutagenesis, 786, 2016 Apr 30

Alaei MR, Saneifard H, Shakiba M, Shabani Mirzaei H. Diagnostic Accuracy of Growth Rate in Differentiating Etiologies of Short Stature in Children. International Journal of Pediatrics, 4(8), 2016 Aug 1

Mosallanejad A, Tabatabai S, Shakiba M, Alaei MR, Saneifard H. A Rare Case of Ovarian Hyperstimulation Syndrome in a Preterm Infant. Journal of Clinical and Diagnostic Research: JCDR, 10(11), 2016 Nov

Alaei MR, Talebi S, Ghofrani M, Taghizadeh M, Keramatipour M. Whole Exome Sequencing Reveals a BSCL2 Mutation Causing Progressive Encephalopathy with Lipodystrophy (PELD) in an Iranian Pediatric Patient. Iranian Biomedical Journal, 20(5), 2016 Nov

Alaei MR, Akbaroghli S, Keramatipour M, Alaei A. A Case Series: Congenital Hyperinsulinism. International Journal of Endocrinology and Metabolism, 14(4). 2016 Sep

Esfandiar N, Alaei F, Sharifian M, Alaei M, Dalirani R, Khalilian MR. Dilated Cardiomyopathy Several Months after Hemolytic Uremic Syndrome. Journal of Pediatric Nephrology, 4(1), 2016 Feb

Mozafari H, Taghikhani M, Khatami S, Alaei Mr, Vaisi-Raygani A, Rahimi Z. Chitotriosidase Activity and Gene Polymorphism in Iranian Patients with Gaucher Disease and Sibling Carriers. Iranian Journal of Child Neurology,10(4), 2016

Khatami S, Dehnabeh SR, Zeinali S, Thöny B, Alaei M, Salehpour S, Setoodeh A, Rohani F, Hajivalizadeh F, Samavat A. Four Years of Diagnostic Challenges with Tetrahydrobiopterin Deficiencies in Iranian Patients. Part of the series JIMD Reports 2016

Foroozani H, Abiri M, Salehpour S, Bagherian H, Sharifi Z, Alaei MR, Khatami S, Azadmeh S, Setoodeh A, Rejali L, Rohani F. Molecular Characterization of QDPR Gene in Iranian Families with BH4 Deficiency: Reporting Novel and Recurrent Mutations. InJIMD Reports, 21, 2015

Alaei Mr. Preinatal Types of Niemann-Pick disease type C. Iranian Journal of Child Neurology, 9(4), 2015 Dec

Najjarbashi FA, Mesdaghi M, Alaei M, Shakiba M, Jami A, Ghadimi F. A Study on the Humoral and Complement Immune System of Patients with Organic Acidemia. Iranian Journal of Allergy, Asthma and Immunology, 14(6), 2015 Nov 29

Karimzadeh P, Jafari N, Biglari Hn, Dari SJ, Abadi FA, Alaee MR, Nemati H, Saket S, Tonekaboni Sh, Taghdiri MM, Ghofrani M. GM2-Gangliosidosis (Sandhoff and Tay Sachs disease): Diagnosis and Neuroimaging Findings (An Iranian Pediatric Case Series). Iranian journal

of child neurology, 8(3), 2014 Apr 20

Alaee MR. Management of cardiomyopathy. Iran J Child Neurol, 7(4 Suppl 1), 2013

Alaee MR. Carnitine Transporter Deficiency. iranian Journal of Child Neurology (IJCN), 7 (4) (Suppl.1), 2013

Keramati N, Soleymani Z, Rouhani F, Jalaie S, Alaee MR. The effect of the age of treatment onset and quality of dietary control on language and intelligence functions in patients with Phenylketonuria. Bimonthly Audiology-Tehran University of Medical Sciences, 22(3), 2013 Oct 15

Alaei MR, Dashti AS, Karimi A, Javadi V, Shiva F, Fallah F, Angoti G, Pournasiri Z. ELISA cut-off point for the diagnosis of human brucellosis; a comparison with serum agglutination test. Iranian Journal of Medical Sciences, 37(1), 2012 Mar 1

Karimzadeh P, Alaee MR, Zarafshan H. The association between EEG abnormality and behavioral disorder: developmental delay in phenylketonuria. ISRN pediatrics, 2012, 2012 Mar 29

Rohani F, Alaei M, Totonchi GA, Azargashb E. Birth weight of iranian children with phenylketonuria. Paediatria Croatica.; 56 (4), 2012 Oct 1

Houshmand M, Tonekaboni SH, Karimzadeh P, Aryan O, Ashrafi M, Salehpour S, Shervin BA, Shakiba M, Alaee MR, Farshidi S. Lysosomal Storage Disease in Iran (Report of Molecular Study). Iranian Journal of Child Neurology, 6(4), 2012 Dec 30

Alaee MR. Mucopolysaccharidosis Type 1. IRanian Journal of Child Neurology (IJCN), 6 (4) (Suppl 1), Fall 2012

Alaei M, Shiari R, Rezaei M, Fallah S. Study of the Final Height in Children with Constitutional Short Stature. Iranian Journal of Endocrinology and Metabolism, 12(5), 2011 Feb 15

Flanagan SE, Patch AM, Locke JM, Akcay T, Simsek E, Alaei M, Yekta Z, Desai M, Kapoor RR, Hussain K, Ellard S. Genome-wide homozygosity analysis reveals HADH mutations as a common cause of diazoxide-responsive hyperinsulinemic-hypoglycemia in consanguineous pedigrees. The Journal of Clinical Endocrinology & Metabolism, 96(3),2011 Jan 20

Alaei M, Asadzadeh-Totonchi G, Gachkar L, Farivar S. Family social status and dietary adherence of patients with phenylketonuria. Iranian journal of pediatrics, 21(3), 2011 Sep

Alaei M.R, Shiari R, Rezaei M, Fallah Sh. Study of the Final Height in Children with Constitutional Short Stature. Iranian Journal of Endocrinology and Metabolism, 12(5), 2011

Flanagan SE, Patch AM, Locke JM, Akcay T, Simsek E, Alaei M.R, Yekta Z, Desai M, Kapoor RR, Hussain Kh and Ellard S. Genome-wide homozygosity analysis reveals HADH mutations as a common cause of diazoxide-responsive hyperinsulinaemic-hypoglycaemia in consanguineous. The journal of clinical endocrinology and metabolism, 96 (1), 2011

Anbari S, Isazadeh D, Safavi A, Alaie M, Azizi F. The role of dyslipidemia in sensorineural hearing loss in children. International journal of pediatric

otorhinolaryngology, 74(1), 2010 Jan 31

Anbari S, Isazadeh D, Safavi Naieni A, Alaie M, Saadat N, Abdi A, The Role of Dyslipidemia in Sensorineural Hearing Loss in Children. Iranian Journal of Endocrinology and Metabolism,11 (5), 2010

Asadzadeh G, Alaei M.R, Gachkar L. Growth and phenylketonuria in developing country: Iran. Acta pediatrica, 99 (3), 2010

Alaei M.R, Mirjavadi S.A, Shiari R. Rabson – Mendenhall syndrome. Iranian Journal of Child Neurology, 4 (1), 2010

Karimzadeh P, Alaei MR, Rahimpour F. Prevalence of seizure in PKU: an analytic historical study. Iranian Journal of Child Neurology, 4 (2), 2010

Aalaei M.R, Karimzadeh P,Rahimpour F. Association of EEG Abnormality and Developmental Delay in Phenylketonuria (Pku): an Analytic Historical Case in Phenylketonuria (Pku): an Analytic Historical Case-Control. Iranian Journal of Child Neurology, 4 (3), 2010

Alaei M.R, Ghazavi M.R, Mahvelati F, Karimzadeh P, Shiva M.R,Tonekaboni S.H. The effect of ketogenic diet on the Growth and biochemical parameters of the children with resistant Epilepsy. Iranian Journal of Child Neurology, 3 (4), 2010

Anbari S,Isazadeh D, Safavi A, Alaei M.R ,Azizi F. The role of dyslipedmia in sensorineural hearing loss in children.International Journal of Pediatric otorhinolaryngology, 74 (1), 2010

Yegane ,R ,Alaei M.R , Khanicheh E. secretion and liver function Plexiform schwannoma of the clitoris. Saudi medical journal, 29 (4), 2008

Alaei M.R, Rabani Ali, Rezaee Masoomeh, noorbakhsh kazem. Etiological profile of short stature in a referral endocrinology clinic. Iranian Journal of pediatrics, 17 (1), 2007

Karamifar H.K, M,amirhakimi G, Alaei M.R . Reduced insulin like factor 1 concentration in iron overloaded beta Thalassaemic patients with normal growth hormone. Pediatric endocrinology Review, 2 (2), 2004

RESEARCH PROJECTS

Relationship between chest wall deformities with spiromerty findings in children with osteogenesis imperfect
Mohammad Alaei, Zeinat Shakeri, Ghamartaj Khanbabaei, Fatemeh Abdollah Gorji, 2015

Screening of mupcopolysacharidosis type I in infants and children with inguinal or umbilical hernia admitted to Mofid children's hospital on 2015-2018, 2015

Marjan Shakib, Mohammad Alaei, Amad Khaleghnejad Tabari, Hedieh Saneifard, Naser Sadeghian, Alireza Mirshemirani, Fatollah Roushanzamir, Mohsen Rouzrokh, Lili Mahajerzadeh, Parand Ghafari, 2014

Studying the respiratory burst process of neutrophils in diabetic children referred to Mofid Children Hospital
Anahita Sanaei Dashti, Mohammad Alaei, 2014

PERSONAL DATA

Date of Birth

- 1966

Place of Birth

- Semnan

Languages

- Persian