

## *Curriculum Vitae*

First Name: Atefeh

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### **PERSONAL INFORMATION**

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Date of Birth: 10 April, 1981

Nationality: Iranian

Sex: Female

Religion: Islam, Shia

Marital Status: Married

Children: One daughter

**Organization:** Assistant Professor of PICU, Pediatric Department, School of Medicine, Isfahan University of Medical Sciences, Isfahan, IRAN

### **EDUCATION**

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**Medical Doctor(MD)**, Isfahan University of Medical Sciences. Isfahan .Iran :1999-2006

**Specialty of Pediatrics**, Isfahan University of Medical Sciences. Isfahan .Iran: 2010-2013

**Fellowship of Pediatric Intensive Care**, Isfahan University of Medical Sciences. Isfahan .Iran: 2017-2019

### **GRANTS AND FELLOWSHIPS**

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Developing, Evaluation and Implementation of An Evidence Based Medicine (EBM/EBP) Curriculum for Isfahan Province Clinicians.

Grant-Code: 286121- 2007

Medical Education Research Center, EDC, Isfahan University of Medical Sciences. Isfahan .Iran

Leaders: Kabiri Payam,MD- Changiz Tahere,MD- Sadeghizadeh Atefeh,MD.

## RESEARCH EXPERIENCE

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1-Comparison of two methods according to clinical judgment and protocol in extubation on mechanical ventilation duration and extubation failure in children admitting in PICU of Emam Hossein Hospital: A Randomized Clinical Trial.

Thesis of Fellowship-Code:397750- 2017

Vice Chancellor of Research ,Isfahan University of Medical Sciences. Isfahan .Iran  
Supervised by Keyvanfar Majid ,MD and Reisi Mohsen, MD

2- To evaluate phenotype and genotype of children with hyperinsulinism .

Thesis of Specialty-Code:392174- 2013

Vice Chancellor of Research ,Isfahan University of Medical Sciences. Isfahan .Iran  
Supervised by Hashempour Mahin,MD.

3- Designing, performing and assessment of Medical Students Research Training Program (MSRTP) by purpose of research expose for first-and second-year students in Isfahan University of Medical Sciences, 2007-2009.

Research Proposal-Code:289048- 2010

Vice Chancellor of Research ,Isfahan University of Medical Sciences. Isfahan .Iran  
Leaders: Sadeghizadeh Atefeh,,MD- Adibi Peyman,MD- Kabiri Payam,MD.

4- Clinical characteristics, management, outcomes and follow-up of children with Multisystem Inflammatory Syndrome temporally associated with COVID-19 (MIS-C) admitted in pediatric intensive care unite of coronavirus in Isfahan.

Thesis of Residency-Code:3400668 - 2021

Vice Chancellor of Research ,Isfahan University of Medical Sciences. Isfahan .Iran  
Supervised by Sadeghizadeh Atefeh, MD  
Resident: Shafiei Peyman, MD

5- Mortality Rate and related causes in patients admitted in Pediatric Intensive Care Unite of Emama Hossein Hospital from March 2020-November2020

Thesis of Medical student-Code:399354 - 2020

Vice Chancellor of Research ,Isfahan University of Medical Sciences. Isfahan .Iran  
Supervised by Sadeghizadeh Atefeh, MD  
Medical Student: Fatemeh Safdari Hajidavalu

6- The effect of symbiotics on prophylaxis of ventilator associated pneumonia in mechanically ventilated children in pediatric intensive care unit of Imam Hossein hospital-Esfahan in 2022.

Thesis of Fellowship-Code:3401101 - 2021

Vice Chancellor of Research ,Isfahan University of Medical Sciences. Isfahan .Iran  
Supervised by Babaei sharare, MD  
Co-worker: Sadeghizadeh Atefeh, MD  
Fellow: Basir Hanieh,MD

7- Comparison of vitamin C and thiamine administration method with the usual method in the improvement and prognosis of shock patients one month to 15 years hospitalized in the intensive care unit of Imam Hossein Hospital

Thesis of Residency-Code:3400660 - 2021

Vice Chancellor of Research ,Isfahan University of Medical Sciences. Isfahan .Iran

Supervised by Zibanejad Nazanin, MD

Co-worker: Sadeghizadeh Atefeh, MD

Resident: Rezaei Marjan,MD

8- Evaluation of the relationship between demographic, clinical and laboratory characteristics of children with multisystem inflammation syndrome of covid 19 with response or resistance to anti-inflammatory treatment

Thesis of Residency-Code:3400466 - 2021

Vice Chancellor of Research ,Isfahan University of Medical Sciences. Isfahan .Iran

Supervised by Aslani Nahid,MD- Sadeghizadeh Atefeh, MD

Resident: Asgarani Reza, MD

9- Collection and registration of information on the use of home mechanical ventilation in patients in need of long-term mechanical ventilation discharged from Imam Hossein Children's Hospital.

Thesis of Residency-Code:399941 - 2019

Vice Chancellor of Research ,Isfahan University of Medical Sciences. Isfahan .Iran

Supervised by Raeisi Mohsen, MD

Co-worker: Sadeghizadeh Atefeh, MD

Resident: Kheiri Mehrnaz,MD

## **TEACHING EXPERIENCE**

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Research Methodology Workshops for Students of Medical Sciences, Residents & Faculty Members. Isfahan University of Medical Sciences. Isfahan .Iran 2002-2010.

Search Strategy Workshops(Medline and databases) for Students of Medical Sciences. Isfahan University of Medical Sciences. Isfahan .Iran 2003-2010.

Scientific Writing Workshop for Medical Students. Isfahan University of Medical Sciences. Isfahan .Iran: Aug2006.

Research Methodology Workshops for R&D center of Alzahra Hospital. Isfahan University of Medical Sciences. Isfahan .Iran: Oct2004.

Research Methodology Workshops for Isfahan Health Center (1), Isfahan University of Medical Sciences. Isfahan .Iran: Dec2004.

Research Methodology Workshops for Ardestan Health Center, Isfahan University of Medical Sciences. Isfahan .Iran: Feb 2005.

Research Methodology Workshops for Najafabad & Tiran Health Center, Isfahan University of Medical Sciences. Isfahan .Iran: July 2005.

Research Methodology Workshops for Daran Health Center, Isfahan University of Medical Sciences. Isfahan .Iran: Aug 2005.

Pediatric Advanced Life Support (PALS)Workshop for Providers, Ministry of Health & Medical Education and Isfahan University of Medical Sciences. Isfahan . Iran. Nov 2018.

Pediatric Advanced Life Support (PALS)Workshop for Medical Interns, Isfahan University of Medical Sciences. Isfahan . Iran. Feb 2019.

Pediatric Advanced Life Support (PALS)Workshop for Providers, Ministry of Health & Medical Education and Tehran University of Medical Sciences. Tehran. Iran. July 2019.

Pediatric Advanced Life Support (PALS) Course, Vice-Chancellery for Clinical Affairs, Isfahan University of Medical Sciences. Isfahan . Iran. January 2021.

Pediatric Acute Respiratory Distress Syndrome (PARDS) Course, Vice-Chancellery for Clinical Affairs, Isfahan University of Medical Sciences. Isfahan . Iran. Nov.2021.

Pediatric Advanced Life Support (PALS)Workshop for Medical Interns, Isfahan University of Medical Sciences. Isfahan . Dec. 2019.

Pediatric Advanced Life Support (PALS)Workshop for Medical Interns, Isfahan University of Medical Sciences. Isfahan . Iran. January 2019.

Pediatric Advanced Life Support (PALS)Workshop for Medical Interns, Isfahan University of Medical Sciences. Isfahan . Iran. June 2022.

Pediatric Advanced Life Support (PALS)Workshop for Medical Interns, Isfahan University of Medical Sciences. Isfahan . Iran. March 2022.

Challenging of covid-19 in children Meeting. Continuing Medical Education. Mashhad University of Medical Sciences. Mashhad. Iran. May 2022.

Non Invasive Ventilation Course. Continuing Medical Education. Isfahan University of Medical Sciences. Isfahan. Iran.Juan.2021.

## RELEVANT WORK EXPERIENCE

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**Researcher and Expert**, Medical Education Research Center, Education Development Center(EDC), Isfahan University of Medical Sciences. Isfahan .Iran:2006-2010

**General Practitioner(GP)**, Screening center of Khorshid Hospital, Isfahan .Iran:2007-2009

**Pediatrician**, Shahid Rajaei hospital,Daran,Iran:2013-2015

**Pediatrician**, Boali Treatment Center,Chadegan,Iran:2013-2015

**Pediatrician**, NICU, Beheshti Hospital,Isfahan,Iran:2014-2016

**Pediatrician**, NICU, Clinic Khanevade Hospital,Isfahan,Iran:2014-2017

**Pediatrician**, Kodake man & Arad Pediatric Clinic, Isfahan,Iran:2014-2016

**Pediatric Intensivist**, Imam Hossein children Hospital, School of Medicine, Isfahan University of Medical Sciences. Isfahan .Iran: 2019 till now.

## UNIVERSITY SERVICE

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## PUBLICATIONS

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- 1- Rafiei M, Nord M, Sadeghizadeh A and Entezari MH: Assessing the internal validity of a household survey-based food security measure adapted for use in Iran. *Nutr J.* 2009; 8: 28.
- 2- Mozafarpour S, Sadeghizadeh A, Kabiri P, Taheri H, Attaei M, Khalighinezhad N. Evidence-based medical practice in developing countries: the case study of Iran. *J Eval Clin Pract.* 2011 Aug;17(4):651-6.
- 3- Haghani F and Sadeghizadeh A: Intervention in the learning process of second year medical students. *J Res Med Sci.* 2011 Mar; 16(3): 346–352.
- 4- Taheri H, Mirmohamadsadeghi M, Adibi I, Ashorion V, Sadeghizadeh A, Adibi P. The Effect of an Evidence Based Medicine Workshop on Undergraduate Medical Students' Skills in Applying EBM. *Iranian Journal of Medical Education* 2006, 6(2): 71-78.
- 5- Adibi P, Mirshahzadeh P, and Sadeghizadeh A: Dairy intolerance syndrome in Iranian young adult. *J Res Med Sci.* 2009 Nov-Dec; 14(6): 357–366.
- 6- Shavakhi A, Minakari M, Shafigh Ardestani MH, Sadeghizadeh A and Shavakhi S: A comparative study of one minute versus five seconds endoscopic biliary balloon dilation after small sphincterotomy in choleducolithiasis. *Adv Biomed Res.* 2015; 4: 28.

- 7- Ataei K, Sadeghizadeh A, Taheri H, Khalighijad N, Mozafarpour S, Kabiri P, Changiz T, Aminpour F. Is Our Clinical Decision Making Based on the Best Research Evidence? *Journal of Isfahan Medical School*. 2011; Vol. 28 Issue 121, p1-8.
- 8- Rafieian SH , Alavi SA , Mirkheshti N , Sadeghizadeh A. The Effect of Thalidomide on Bleomycin-Induced Pulmonary Fibrosis in Rats. *Journal of Isfahan Medical School* .2009; Vol 27, No 97.
- 9- Ahmadzadeh GHH, Sadeghizadeh A, Omranifard V, Afshar H, Amanat S. Prevalence of depression in pregnant women and its relationship with some socioeconomic factors. *Medical Journal Of Hormozgan University* .2007 , Volume 10 , Number 4; Page(s) 329 To 334.
- 10- Senniappan S, Sadeghizadeh A, Flanagan S, Ellard S, Hashemipour M, Hosseinzadeh M, Salehi M, and Hussain KH. Genotype and phenotype correlations in Iranian patients with hyperinsulinaemic hypoglycaemia. *BMC Res Notes*. 2015; 8: 350.
- 11- Alavi SA, Sadeghi Zadeh A, Mousavi SH, Mirkheshti N. Calcium Absorption From Calcium Acetate In Comparison With Calcium Carbonate In Healthy Women. *Iranian Journal of Endocrinology & Metabolism*.2008, 10(2): 139-143.
- 12- Taheri H, Mirmohamadsadeghi M, Adibi I, Ashorion V, Sadeghizadeh A, Adibi P. Evidence-based Medicine (EBM) for Undergraduate Medical Students. *Ann Acad Med Singapore* 2008;37:764-8.
- 13- keivanfar M, Sadeghizadeh A, Reisi M, Habibzadeh MR, Babaei SH. A randomized clinical trial to compare the criteria of readiness for Extubation and daily spontaneous breathing test (SBT) on the duration of mechanical ventilation .*International Journal of Pediatrics*. Articles in Press, Accepted Manuscript, Available Online from 03 August 2019.
- 14- Rahimi H, Saleh R, Javadi N, Dehghan A, Sadeghizadeh A, Yaghini O, Mohammadi T, Moghim S, Khalili M, Pourmoghaddas Z. Reactivation of Various Viruses in the Patients with Coincidence of Encephalitis and Multisystem Inflammatory Syndrome in Children. Available at SSRN 4133367.
- 15- Sadeghizadeh A, Pourmoghaddas Z, Zandifar A, Tara SZ, Rahimi H, Saleh R, Ramezani S, Ghazavi M, Yaghini O, Hosseini N, Aslani N. Reversible cerebral vasoconstriction syndrome and multisystem inflammatory syndrome in children with COVID-19. *Pediatric Neurology*. 2022 Apr 1;129:1-6.
- 16- Saleh R, Rahimi H, Dehghan A, Sadeghizadeh A, Gheisari A, Saeidi S, Pourmoghaddas Z. Successful treatment of plasmapheresis followed by interferon beta-1a in a child with severe COVID-19. *Journal of Research in Medical Sciences: The Official Journal of Isfahan University of Medical Sciences*. 2021;26.

17- Pourmoghaddas Z, Sadeghizadeh A, Tara SZ, Zandifar A, Rahimi H, Saleh R, Ghazavi M, Yaghini O, Hosseini N, Javadi N, Saadatnia M. Longitudinally extensive transverse myelitis as a sign of multisystem inflammatory syndrome following COVID-19 infection: A pediatric case report. *Journal of Neuroimmunology*. 2021 Nov 15;360:577704.

18- Mostafavi SN, Sadeghizadeh A, Babaei S, Saleh R, Dehghan A, Tavakoli S, Pourmoghaddas Z. Successful recovery of a child with COVID-19-induced secondary hemophagocytic lymphohistiocytosis. *Archives of Pediatric Infectious Diseases*. 2022 Jan 31;10(1).

19- Bigdelian H, Sedighi M, Sabri MR, Dehghan B, Mahdavi C, Ahmadi A, Ghaderian M, Rahimi H, Sadeghizadeh A, Emadoleslami M, Mostafavi SN. Case report: Acute intracardiac thrombosis in children with coronavirus disease 2019 (COVID-19). *Frontiers in Pediatrics*. 2021:603.

## **PRESENTATIONS AND POSTER SESSIONS**

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1-Mirkheshti N, Ghassami F, SadeghiZadeh A, Hadizadeh F. The value of serum LDH determination in pulmonary fibrosis induced by mustard gas in animal model. 6th annual research seminar of Iranian medical sciences students. Apr 25- 28, 2005, Sari, Iran.

2- RafianSh, SadeghiZadeh A, Ghassami F, Hadizadeh F, Mirkhehsti N. Effect of thalidomide on bleomycin -induced pulmonary fibrosis in rats. 5th annual research seminar of Iranian medical sciences students. Oct 12-14, 2004, Mashhad, Iran.

3- Ghassami F, Hadizadeh F, Mirkheshti N, SadeghiZadeh A, Alavi SA. The therapeutic effect of Cyclosporine, Cyclophosphamide and Colchicin on the animal model of sulphur mustard induced pulmonary fibrosis. 5th annual research seminar of Iranian medical sciences students. Oct 12-14, 2004, Mashhad, Iran.

4- Alavi SA, Hadizadeh F, Mirkheshti N, Ghassami F, SadeghiZadeh. The evaluation of Lymphocytic model as the cellular Model for Mustard gas. 5th annual research seminar of Iranian medical sciences students. Oct 12-14, 2004, Mashhad, Iran.

5- Mirkheshti N, Fattahi F, SadeghiZadeh A, Golshahi F, Hadizadeh F, Alavi SA. Evaluation of the efficacy of UP & Down Technique in determination of Mustard gas LD50. 4th annual research seminar of Iranian medical sciences students. Dec 8-10, 2003, Hamedan, Iran.

6- Talebi S, AlaviSA, Mirkheshti N,SadeghiZadeh A, Hadizadeh F, Ani A. Comparison of different temperature liquid therapy on the management of Hemorrhagic Shock. 4th annual research seminar of Iranian medical sciences students. Dec 8- 10, 2003, Hamedan, Iran.

7- SadeghiZadeh A, Alavi SA, Ghassami F, Hadizadeh F, Mirkhehsti N. Effects of anti-apoptosis drugs on lymphocyte apoptosis induced by nitrogen mustard. 4th annual research seminar of Iranian medical sciences students. Dec 8-10, 2003, Hamedan, Iran.

8- Hadizadeh F, Alavi SA, Talebi S, Sadeghizadeh A. The effect of Hydrocortisone succinate on Nitrogen Mustard treated Lymphocyte cells' death. 4th annual research seminar of Iranian medical sciences students. Dec 8-10, 2003, Hamedan, Iran

9- Khalighinejad N, Sadeghizadeh A, Kabiri P, Taheri H, Ataei M, Mozafarpour S, Changiz T. Knowledge and attitude toward evidence-based medicine in Iranian physician. 15<sup>th</sup> International Students Congress of Medical Sciences. Groningen, Netherlands, 2008.

10- Mozafarpour S Sadeghizadeh A, Taheri H, Ataei M, Khalighinejad N. Barriers To Practicing Evidence Based Medicine And Preferred Sources Of Information Among Iranian Specialists. International Scientific Conference for Medical Students in the GCC countries, Al Ain, UAE, 2009.

11- Mozafarpour S Sadeghizadeh A, Taheri H, Ataei M, Khalighinejad N. The Place of Evidence Based Medicine among Specialists Practicing In Isfahan, Iran. 9th Zagreb International Medical Summit, Zagreb, Croatia, 2009.

12- Pediatric Intensive Care Conference. Presentation in Pediatric Acute respiratory Distress syndrome(PARDS) Panel. Members: Sadeghizadeh Atefeh , Babaei Sharare, Sharifi Meysam , Zibanejad Nazanin, Manafi Ali. Mashhad University of Medical Sciences, Mashhad, Iran. May 2022..

## **PATENTS**

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None

## **RESEARCH INTERESTS**

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Mortality in PICU

## **TEACHING INTEREST**

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Shock

## **PROFESSIONAL MEMBERSHIPS**

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Member Of Scientific Committee of Covid-19. Alzahra Hospital, Isfahan University of Medical Sciences, Isfahan, IRAN. Sep. 2020-March 2020.

Setting Up of Covid-19 Pediatric Intensive Care Unite. Alzahra Hospital, Isfahan University of Medical Sciences, Isfahan, IRAN. Sep. 2020-March 2021.(During Covid-19 pandemic)



Head of Pediatric Intensive Care Unite, Imam Hossein Children Hospital ,School of Medicine, Isfahan University of Medical Sciences. Isfahan .Iran: March 2021-September 2021.

Director of Interns, Pediatric Department, School of Medicine, Isfahan University of Medical Sciences, Isfahan, IRAN, April 2022 till now.

Member of Ethics in Health Group, Isfahan University of Medical Sciences, Isfahan, IRAN, Nov. 2021 till now.

Member Of Cardiovascular Research Center, Isfahan University of Medical Sciences, Isfahan, IRAN, Jun 2022 till now.

Member Of Pediatric Advanced Life Support (PALS) Committee, Vice-Chancellery for Clinical Affairs, Isfahan University of Medical Sciences, Isfahan, IRAN, May 2022 till now.

Question Designer for Acceptance Residency Exam. School of Medicine, Isfahan University of Medical Sciences. Isfahan. Iran. Dec 2021

## **EXTRA CURRICULAR ACTIVITIES**

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None