Curriculum Vitae



Name: Ghaderian Mehdi

Address: Emam Hosein Hospital, Esfahan University of Medical Sciences

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PERSONAL INFORMATION

Date of birth: 04/04/1966 Place of birth: Isfahan, Iran

Citizenship: Iranian

Marital status: Married with one son

EDUCATION

General Practitioner course from October 1985 to October 1992 in Tabriz University of Medical Sciences, Tabriz, Iran.

- Pediatrics residency from September 2002 to September 2005 in Azahra Medical, Educational, and Research Center, Esfahan University of Medical Sciences, Esfahan, Iran.
- Chief resident of pediatric group from 2004-2005 in Azahra Medical, Educational, and Research Center, Esfahan University of Medical Sciences, Esfahan, Iran.
- Pediatric Cardiology Subspecialty residency from September 2007 to October 2010 in Rajaee Heart Centre, Iran University of Medical Sciences, Tehran, Iran.
- Chief resident of pediatric cardiology on 2009-2010 of Rajaee Heart Centre, Iran University of Medical Sciences, Tehran, Iran.
- Certified as Pediatric Cardiologist on September 2010 by Child Cardiology Board of Iranian Child Cardiology Association.
- Fellowship of Interventional Pediatric Cardiology, Iran University of Medical Sciences, Tehran, Iran (2012-2013)

GRANTS AND FELLOWSHIPS

Fellowship of Interventional Pediatric Cardiology, Iran University of Medical Sciences, Tehran, Iran (2012-2013)

RESEARCH EXPERIENC

- Assistant Professor of Pediatric Cardiology, from October 2010 to October 2012, Golestan Medical,
 Educational, and Research Center, Ahwaz Jundishapur University of Medical Sciences, Ahwaz, Iran
- Member of Iranian Child Cardiology Association since April 2008.
- Member of committee of education and research of Cardiovascular Research Center from September 2011to October 2012 in Ahwaz Jundishapur University of Medical Sciences.
- Assistant Professor of Pediatric Cardiology, from November 2013, Emam Hosein Medical, Educational, and Research Center, Esfahan University of Medical Sciences, Esfahan, Iran.

- Associated Professor of Pediatric interventional Cardiology, from Desemberr 2018. Pediatric Cardiovascular Research Center, Cardiovascular Research Institute, Isfahan University of Medical Sciences, Isfahan, Iran.
- Member of committee of research of pediatric department from September 2014 in Esfahan University of Medical Sciences.
- Member of committee of pediatric morbidity and mortality of Shahid Chamran hospital from January 2014 in Esfahan University of Medical Sciences.
- Member of committee of legal medicine organization from Oct 2014 in Esfahan.
- I was done many interventional procedures in Ahvaz Jundishapoor University of Medical School during 2010-2012, Iran University of Medical Sciences, 2012-2013 and Esfahan University of Medical Sciences, from 2013.
- I interest in structural and peripheral pediatric intervention such as: ASD, VSD and PDA closure, CoA
 angioplasty and stenting, valvuloplasty of pulmonary and aortic valve, retrieve of embolic device and
 peripheral arteries stenting.
- Member of committee of Child Growth and Development Research Center from September 2014 in Isfahan University of Medical Sciences.
- Member of bone marrow transplant committee in Seyedolshohada hospital from April 2016 in Isfahan University of Medical Sciences.
- Chief of pediatric cardiology ward of Chamran Cardiovascular research center in Isfahan from Aug 2016 in Isfahan University of Medical Sciences.
- Member of Economy and therapeutic of Chamran Cardiovascular research center in Isfahan from Aug 2016 in Isfahan University of Medical Sciences.
- Member of Pediatric Cardiovascular Research Center since 2018.

TEACHING EXPERIENCE

- 1. Assistant Professor of Pediatric Cardiology, from October 2010 to October 2012, Golestan Medical, Educational, and Research Center, Ahwaz Jundishapur University of Medical Sciences, Ahwaz, Iran.
- 2. Associate Professor of Pediatric Cardiology, from October 2012 until now, Emam Hosein Medical, Educational,nd Research Center, Esfahan University of Medical Sciences, Esfahan, Iran.

RELEVANT WORK EXPERIENCE

- 1. Assistant Professor of Pediatric Cardiology, from October 2010 to October 2012, Golestan Medical, Educational, and Research Center, Ahwaz Jundishapur University of Medical Sciences, Ahwaz, Iran.
- 2. Associate Professor of Pediatric Cardiology, from October 2012 until now, Emam Hosein Medical, Educational, nd Research Center, Esfahan University of Medical Sciences, Esfahan, Iran.

UNIVERSITY SERVICE

Dates, University/organization, Description

PUBLICATIONS

- 1. Nakhostin Davari P, Tabib A, **Ghaderian M***, Givtaj N.Correlation of Post-Operative Hypoalbuminemia with Outcome of Pediatric Cardiac Surgery. J Teh Univ Heart Ctr 2009(4): 234-239.
- 2. Aarabi Moghadam MY, Mortazaeian H, **Ghaderian M***, Ghaemi HR. Segmented Coronary Artery Aneurysms and Kawasaki Disease. J Teh Univ Heart Ctr 2011;6(2):89-91.
- 3. Mortazaeian H, Aarabi Moghadam MY, **Ghaderian M***, Nakhostin Davary P, Meraji M, Shah Mohammadi A. Evaluation of exercise induced hypotension post endovascular stenting of coarctation of aorta. J Teh Univ Heart Ctr 2010;5(3): 137-140.
- 4. **Ghaderian M**. Anomalies of Coronary Arteries (Presentation). Acute Coronary Syndrom seminar. Ahvaz Iran. 2011.
- 5. **Ghaderian M***, Keikhaei B, Heidari M, Salehi Z, Azizi Malamiri R. Tissue Doppler Echocardiographic Findings of Left Ventricle in Children with Sickle-Cell Anemia. J Teh Univ Heart Ctr 2012;7(3):106-110.
- 6. **Ghaderian M***, Aortopulmonary window in infants. Heart Views 2012;13:103-6.
- 7. **Ghaderian M***, Merajie M, Mortezaeian H, Aarabi Moghadam MY. When Can We Release the Amplatzer Ductal Occluder (ADO) Safely? J Teh Univ Heart Ctr 2013;8(4):182-186.
- 8. **Ghaderian M***, Ali Samir M, Azizi Mal Amiri R, Fayezi A, Amraee N. Report of PDA Closure by Nonsurgical Approach in Pediatric Less than 15 Years Old in Emam Khomeini Hospital Ahvaz. Jundishapur Sci Med J 2013; 12(4):339-446.
- 9. Aminzadeh M*, Hosseinzadeh M, Nikfar R, **Ghaderian M**, Mohsenpourian M. Incidence in Overweight and Obesity among School children, Ahvaz-2010. Jundishapur Sci Med J 2013; 12(4):355-461.
- 10. Ghaderian M, Emami-Moghadam AR, Amoory P, Kargarfard Jahromi MR, Azizi-Malamiri R. Frequency Of Contrast Induced Nephropathy After Using Iso-osmolar Contrast Media In Children WithCongenital Heart Disease (presentation). Annual Congress Of Iranian Society of Pediatrics & 34th Memorial Congress Of Professor Mohammad Gharib 2013.
- 11. **Ghaderian M***, Emami-Moghadam AR, Khalilian MR, Riahi K, Ghaedi F. Prepregnancy Maternal Weight and Body Mass Index of Children with and without Congenital Heart Disease. Iranian Journal of Pediatrics, Volume 24 (Number 3), June 2014: 313-318.
- 12. **Ghaderian M***, Emami-Moghadam AR, Samir MA, Amin Zadeh M, Saadi AH. Lipid and Glucose Serum Levels in Children with Congenital Heart Disease. J Teh Univ Heart Ctr 2014;9(1):20-26.
- 13. **Ghaderian M***, Meraji M, Arabi Moghadam MY. Keikha M. Pulmonary regurgitation after balloon valvuloplasty in children with pulmonary stenosis. Tehran University Medical Journal, August 2014; Vol. 72, No. 5: 307-313.
- 14. **Ghaderian M***, Sabri MR, Ahmadi AR. Percutaneous retrieval of an intracardiac central venous port fragment using snare with triple loops. J Res Med Sci 2015;20:97-9.
- 15. **Ghaderian M***, Emami Moghadam AR, Amori P, Azizi Mal Amiri R, Kargar Fard Jahromi MR. Frequency of Contrast Induced Nephropathy after Angiography in Children with Congenital Heart Disease. Jundishapur Sci Med J 2015; 14(1):1-11.
- 16. Reza Azizi Malamiri, Ali Akbar Momen, Ali Nikkhah, Mohammad Reza Khalilian, **Mehdi Ghaderian**, Babak Najibi, Mahboubeh Samiei. Usability of the head upright tilt test for differentiating between syncopal and seizure-like events in children. Acta Neurol Belg DOI 10.1007/s13760-015-0433-0.
- 17. **Mehdi Ghaderian***, Mahmood Merajie, Hodjjat Mortezaeian, Moghadam Aarabi, Yoosef Mohammad, Akbar Shah Mohammadi. Efficacy and Safety of Using Amplatzer Ductal Occluder for Transcatheter Closure of Perimembranous Ventricular Septal Defect in Pediatrics. Iran J Pediatr. 2015 April; 25(2):e386.
- 18. **Ghaderian M***, Merajie M, Mortezaeian H, Aarabi Moghadam MY, Shah Mohammadi A. Mid-term Follow-up of the Transcatheter Closure of Perimembranous Ventricular Septal Defects in Children Using the Amplatzer. J Teh Univ Heart Ctr 2015;10(4):182-187.

- 19. **Ghaderian M.** Congenital heart disease (ASD, CoA, PDA). 1st Congress of Clinical cases in Complex Cardiovascular Therapeutic (CCCCT1) in Shiraz Iran 2016.
- 20. **Ghaderian M,** Challenging case in congenital heart disease. Lecturer. 8th International Razavi Cardiovascular Congress in Mashhad Iran 2016.
- 21. Mohammad-Reza Alipour, Mazyar Rastegar, **Mehdi Ghaderian**, Seyedeh-Mahdieh Namayandeh, Reza Faraji, and Zohreh Pezeshkpour. The Predictive Value of Pulse Oximeters for Pulse Improvement after Angiography in Infants and Children. Iran J Pediatr. 2016 October; 26(5):e5833. doi: 10.5812/ijp.5833.
- 22. **Ghaderian M** and Ghafari G. A Huge Aortic Aneurysm in a boy with Marfan syndrome. J Cardiol & Cardiovasc Ther. 2016; 1(4): 555569. DOI: 10.19080/JOCCT.2016.01.555569.
- 23. **Ghaderian M**, Sayedi SJ, Momen T, Zandi Z, Reisi M. Evaluation of Right Ventricular Function by Tissue Doppler Echocardiography in Asthmatic Children. Int J Pediatr 2016; 4(11): 3941-48.DOI:10.22038/ijp.2016.7856.
- 24. **Mehdi Ghaderian**, Mojdeh Geysari. Medium term Follow up Treatment of Severe Native Coarctation of Aorta Using of Balloon Angioplasty in Young Infants Less Than one Year's age. J Cardiol & Cardiovasc Ther. 2016; 2(1): 555580. DOI: 10.19080/JOCCT.2016.02.555580
- 25. **Ghaderian M**, Ahmadi AR, Sedghian M. Using Interventional Approach in treatment of Children with Patent Ductus Arteriosus in Shahid Chamran Hospital in Isfahan. Jundishapur Sci Med J 2016;15(5):531-539.
- 26. **Ghaderian M**, Hosseinzadeh M. Aortopulmonary Window Closure Using the Amplatzer ASD Device. J Cardiol & Cardiovasc Ther 2017; 2(5): 555598. DOI: 10.19080/JOCCT.2017.02.555598002.
- 27. Shoja M, **Ghaderian M**, Shoja M. The Frequency of Cardiac Arrhythmias in Children with Congenital Heart Disease during Angiography. J Cardiol & Cardiovasc Ther 2017; 3(2): 555606. DOI: 10.19080/JOCCT.2016.03.555606.
- 28. **Ghaderian Mehdi**, Sabri Mohammad Reza, Ahmadi Ali Reza. The Surveillance of prophylactic IV Paracetamol Efficacy to Diminish PDA incidence Risk of Preterm Neonates. (Presentation) 6th Iranian Congress of Pediatric Cardiology in Tehran-Iran 2017.
- 29. Mohammad Reza Sabri, Hamid Bigdelian, Mohsen Hosseinzadeh, Alireza Ahmadi, **Mehdi Ghaderian**,1,3 Mohammad Shoja1.Comparison of the therapeutic effects and side effects of tadalafil and sildenafil after surgery in young infants with pulmonary arterial hypertension due to systemic-to-pulmonary shunts. Cardiology in the Young (2017); Page 1 of 8. doi:10.1017/S1047951117000981
- 30. Mehdi Ghaderian. RVOT stenting emboli. Caspian meeting in Mashhad-Iran 2017.
- 31. **Mehdi Ghaderian**, Nahid Reisi, Alireza Moafi, Safora Farasat. Evaluating Protective Effects of Silymarin on Liver and Cardiac Side Effects of Chemotherapy Drugs in Childhood Acute Lymphoblastic Leukemia. Iran J Ped Hematol Oncol. 2017, Vol 7. No 4, 207-215.
- 32. Ghaderian M, Shoja M, Shoja M, Sabri M R, Ahmadi A R. The Frequency of Adverse Effects and Early Outcomes of Cardiac Catheterization in Children. J Cardiol & Cardiovasc Ther 2017; 8(4): 555745. DOI: 10.19080/JOCCT.2017.08.555745.
- 33. Hamid Bigdelian, **Mehdi Ghaderian**, Mohsen Sedighi, Surgical repair of Tetralogy of Fallot following primary palliation: Right ventricular outflow track stenting versus modified Blalock-Taussig shunt. Indian Heart J (2018), https://doi.org/10.1016/j.ihj.2018.06.020.
- Ghaderian M, Sabri MR, Ahmadi A, Bayat S. Our first experience in stenting of coarctation of aorta in infants and small children; A case series study. ARYA Atheroscler 2019; 15(2): 93-8.
 35.
- 36. **Ghaderian M,** Sabri MR. Report of a Coarctation of Aorta Stenting in an Infant. Adv Biomed Res 2019;8:10.
- 37. **Ghaderian M**, Armanian AM, Sabri MR, Montaseri M. Low-dose intravenous acetaminophen versus oral ibuprofen for the closure of patent ductus arteriosus in premature neonates. J Res Med Sci 2019;24:13.
- 38. **Ghaderian M,** Sabri MR, Ahmadi AR, Dehghan B, Mahdavi C, Ataei ZZ. Efficacy and safety of using amplatzer for transcatheter closure of atrial septal defect in small children with less than 10 kg. ARYA Atheroscler 2019; 15(1): 27-32.
- 39. **Ghaderian M,** Sabri MR, Ahmadi AR, Alipour MR, Dehghan B, Mehrpour M. Midterm follow-up results of transcatheter interatrial septal defect closure. Heart Views 2019;20:1-5.

- 40. **Ghaderian M**, Keivanfar M, Barani Beiranvand Sh, Reisi M. Cardiac Involvement in Mild Cystic Fibrosis Lung Involvement Assessed by Tissue-Doppler Echocardiography. Int J Pediatr 2019; 7(10): 10205-214. DOI: 10.22038/ijp.2019.41556.3502.
- 41. **Ghaderian M**, Barekatain B, Dardashty AB. Comparison of oral acetaminophen with oral ibuprofen on closure of symptomatic patent ductus arteriosus in preterm neonates. J Res Med Sci 2019;24:96.
- 42. Dehghan B, Sabri MR, Hosseinzadeh M, Ahmadi A, **Ghaderian M**, Sarrafzadegan N, et al. The commencement of congenital heart diseases registry in Isfahan, Iran: Methodology and design. ARYA Atheroscler 2020; 16(5): 244-7.
- 43. **Mehdi Ghaderian**, Farzad Shahsanaei, Samin Behdad, Ehsan Shirvani, Long-term outcome after transcatheter atrial septal defect closure in adults: A systematic review and meta-analysis, *Current Problems in Cardiology* (2020), doi: https://doi.org/10.1016/j.cpcardiol.2020.100595.
- 44. **Ghaderian M**, Bigdelian H, Sabri MR, Ahmadi AR, Dehghan B, Mahdavi C, et al. The Findings of Long-Term Follow-up of Right Ventricular Outflow Tract Stenting versus Blalock Taussig (BT) Shunting after Total Correction Surgery of Tetralogy of Fallot. J Isfahan Med Sch 2020; 38(574): 296-302.
- 45. **Ghaderian M**, Dehghan B, Sabri MR, Ahmadi A, Sadeghi-Lotfabadi A. Evaluation of cardiac function in children after percutaneous closure of atrial septal defect using speckle tracking echocardiography. ARYA Atheroscler 2020; 16(6): 290-4.
- 46. MR Sabri, C Mahdavi, H Bigdelian, AR Ahmadi, **M Ghaderian**, B Dehghan. A case series of pulmonary hypertension in small infants with atrial septal defect. ARYA Atherosclerosis 2020. 16 (6). 208.
- 47. **M Ghaderian,** M Hemmat, S Behdad, M Saeedi, F Shahsanaei. Fetal cardiac functional abnormalities assessed by echocardiography in mothers suffering gestational diabetes mellitus: A systematic review and meta-analysis. Current Problems in Cardiology, 100658.
- 48. **M Ghaderian,** A Ahmadi, MR Sabri, S Behdad, B Dehghan, C Mahdavi. Clinical outcome of right ventricular outflow tract stenting versus Blalock-Taussig shunt in Tetralogy of Fallot: A systematic review and meta-analysis. Current Problems in Cardiology, 100643
- 49. Hassan Esmaeeli , **Mehdi Ghaderian**, Keyhan Sayadpour Zanjani, Seyyedeh Fatemeh Ghalibafan, Mehrzad Mahdizadeh, and Mohammad Hassan Aelami. COVID-19 in Children with Congenital Heart Diseases: A Multicenter Case Series from Iran. Hindawi Case Reports in Pediatrics Volume 2021, Article ID 6690695, 5 pages https://doi.org/10.1155/2021/6690695.
- 50. Bigdelian H, Sedighi M, Sabri MR, Dehghan B, Mahdavi C, Ahmadi A, **Ghaderian M**, Rahimi H, Sadeghizadeh A, Emadoleslami M, Mostafavi SN, Saleh R, Javadi N, Derakhshan M, Pourmoghaddas Z and Sarfarazi Moghadam S (2021) Case Report: Acute Intracardiac Thrombosis in Children With Coronavirus Disease 2019 (COVID-19). Front. Pediatr. 9:656720. doi: 10.3389/fped.2021.656720
- 51. **Ghaderian M**, Salemi N. Comparison of long-term complications of using amplatzer ductal occluder and ventricular septal defect occluder for transcatheter ventricular septal defect closure. Heart Views 2021;22:102-7.
- 52. Dehghan B, Ahmadi A, Sarfarazi Moghadam S, **Mehdi Ghaderian**, Chehreh Mahdavi, Mohsen Sedighi, Hamid Bigdelian. Biventricular strain and strain rate impairment shortly after surgical repair of tetralogy of Fallot in children: a case-control study. Health Sci Rep. 2022;5:e613. doi:10.1002/hsr2.613.
- 53. Sabri MR, Mahdavi C, Ahmadi A, Ghaderian M, Dehghan B. A 14.5-Year-Old Boy with Coronary Obstruction after Kawasaki Disease: A Case Report. J Teh Univ Heart Ctr 2022;17(2):82-85.

PRESENTATIONS AND POSTER SESSIONS

- 1. **Ghaderian M*,** Merajie M, Mortezaeian H, Aarabi Moghadam MY. When Can We Release the Amplatzer Ductal Occluder (ADO) Safely? (poster Presentation). The Second Iranian Cardiovascular Joint Congress Tehran Iran 2014.
- 2. **Ghaderian M.** Device retrieval (presentation). 11th International Congress of Minimally Invasive Surgeries and Techniques, 1st International Congress of Obesity Surgery. Tehran. Iran. 2014.
- M Ghaderian, M. Meraji, H. Mortazaeian, M.Y. Arabimoghadam. Efficacy and Safety Of Using Amplatzer Ductal Occludre For Transcatheter Closure Of Perimembranouse Ventricular Septal Defect In Pediatric (IPC AWARD, Presentation). 10th International Workshop on Interventional Pediatric and Adult Congenital Cardiology. Milan. Italy March 2015.

- 4. **Ghaderian M.** PDA, MAPCA and shunt interventions (presentation). 5th Iranian Congress Of Pediatric Cardiology in Tehran-Iran 2015.
- 5. **Ghaderian M***, Merajie M, Mortazaeian H, Arabi Moghadam MY. Perimembbranous Ventricular Septal Defect Closure Using Amplatzer (poster presentation). 5th Iranian Congress Of Pediatric Cardiology in Tehran-Iran 2015.
- 6. **Ghaderian M**. Agenesis of Left Coronary Artery (presentation). 5th Iranian Congress Of Pediatric Cardiology in Tehran-Iran 2015.
- 7. **Ghaderian M,** Gheysari M. Medium-term Follow-up Treatment of Severe Native Coarctation of Aorta Using of Balloon Angioplasty in Young Infants Less Than one year's age (poster presentation). Congenital structural and valvular intervention (CSI) in Frankfurt Germany 2016.
- 8. **Ghaderian Mehdi**, Sabri Mohammad Reza, Ahmadi Ali Reza, Alipour Mohammad-Reza. Midterm Follow-up Results of Transcatheter Interatrial Septal Defect Closure (presentation). 6th Iranian Congress of Pediatric Cardiology in Tehran-Iran 2017.
- 9. **Ghaderian Mehdi**, Merajie Mahmood, Mortezaeian Hodjjat, Aarabi Moghadam Mohammad Yoosef, Shah Mohammadi Akbar. Mid-term Follow-up of the Transcatheter Closure of Perimembranous Ventricular Septal Defects in Children Using the Amplatzer. (Poster presentation). Congenital structural and valvular intervention (CSI) in Banghkok Thailand 2017.
- 10. **Mehdi Ghaderian**, Mohammad Reza Sabri, Ali Reza Ahmadi. Midterm Follow-up Results of Transcatheter Interatrial Septal Defect Closure. (Poster presentation). Congenital structural and valvular intervention (CSI) in Frankfurt Germany 2017.
- 11. **Mehdi Ghaderian**, Mohammad Reza Sabri, Ali Reza Ahmadi. Midterm Follow-up Results of Transcatheter Interatrial Septal Defect Closure. (Poster presentation). Congenital structural and valvular intervention (CSI) in Ho Chi Minh Vietnam 2018.
- 12. Mehdi Ghaderian. SVC Syndrome after Hemodialysis. (Presentation) 8th kowsar Hospital Congress in Shiraz-Iran. 2018.
- 13. **Mehdi Ghaderian**, Atrial Septal Defect Closure in Pediatric less than 10 Kg. (Poster presentation) Congenital structural and valvular intervention (CSI) in Frankfurt Germany 2018.
- 14. **Ghaderian Mehdi**, Armanian Amir Mohammad, Sabri Mohammad Reza, Montaseri Mojtaba. The Comparison Of low Dose Intravenous Acetaminophen And Oral Ibuprofen For The Closure Of Patent Ductus Arteriosus In Premature Neonates (Poster presentation). Iranian neonatal congress in Esfahan. Iran. 2018.
- 15. **Ghaderian Mehdi**, Ahmadi Ali Reza Percutaneous. Pulmonary Artery Balloon valvotomy (Poster presentation). 7th Iranian Joint Cardiovascular Congress in Tehran. Iran 2019.
- **16. Ghaderian Mehdi**, Barekatain Behzad, Banazade Amir. Comparison of 2 days oral Acetaminophen and oral Ibuprofen on the closure of patent ductus arteriosus (PDA) in premature neonates. (Poster presentation). 7th Iranian Joint Cardiovascular Congress in Tehran. Iran 2019.

PATENTS

Date, Item, number

RESEARCH INTERESTS

Interventional congenital

TEACHING INTERESTS

Pediatric

Pediatric cardiology

Interventional congenital heart disease

PROFESSIONAL MEMBERSHIPS

- Member of Iranian Child Cardiology Association since April 2008.
- Member of committee of education and research of Cardiovascular Research Center from September 2011to October 2012 in Ahwaz Jundishapur University of Medical Sciences.
- Member of committee of research of pediatric department from September 2014 in Esfahan University of Medical Sciences.
- Member of committee of pediatric morbidity and mortality of Shahid Chamran hospital from January 2014 in Esfahan University of Medical Sciences.
- Member of committee of legal medicine organization from Oct 2014 in Esfahan.
- Member of committee of Child Growth and Development Research Center from September 2014 in Isfahan University of Medical Sciences.
- Member of bone marrow transplant committee in Seyedolshohada hospital from April 2016 in Isfahan University of Medical Sciences.
- Member of Economy and therapeutic of Chamran Cardiovascular research center in Isfahan from Aug 2016 in Isfahan University of Medical Sciences.
- Member of Pediatric Cardiovascular Research Center since 2018.

EXTRA CURRICULAR ACTIVITIES

- Classical music
- Sports especially swimming, mountain, chess.
- Movies especially Drama, History, Documentaries.