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*Associated professor of pediatric interventional cardiology*

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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 Rajaei Heart Centre, Iran University of Medical Sciences, Tehran, Iran.
- Chief resident of pediatric cardiology on 2009-2010 of Rajaei 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)

**Work experiences:**

- 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 2011 to 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 December 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 Ahwaz Jundishapur 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.

### **Presentation & Publications:**

1. Nakhostin Davari P, Tabib A, **Ghaderian M\***, Givtaji 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 Davari 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 Syndrome 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, Mortazaeian 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 With Congenital Heart Disease (**presentation**). Annual Congress Of Iranian Society of Pediatrics & 34<sup>th</sup> 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\***, 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.
15. **Ghaderian M**. Device retrieval (**presentation**). 11<sup>th</sup> International Congress of Minimally Invasive Surgeries and Techniques, 1<sup>st</sup> International Congress of Obesity Surgery. Tehran. Iran. 2014.
16. **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.
17. **M Ghaderian**, M. Meraji, H. Mortazaeian, M.Y. Arabimoghadam. Efficacy and Safety Of Using Amplatzer Ductal Occluder 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.
18. **Ghaderian M**. PDA, MAPCA and shunt interventions (**presentation**). 5<sup>th</sup> Iranian Congress Of Pediatric Cardiology in Tehran-Iran 2015.
19. **Ghaderian M\***, Merajie M, Mortazaeian H, Arabi Moghadam MY. Perimembranous Ventricular Septal Defect Closure Using Amplatzer (**poster presentation**). 5<sup>th</sup> Iranian Congress Of Pediatric Cardiology in Tehran-Iran 2015.
20. **Ghaderian M**. Agenesis of Left Coronary Artery (**presentation**). 5<sup>th</sup> Iranian Congress Of Pediatric Cardiology in Tehran-Iran 2015.
21. **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.
22. 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.
23. **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.
24. **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.
25. **Ghaderian M**. Congenital heart disease (ASD, CoA, PDA). 1<sup>st</sup> Congress of Clinical cases in Complex Cardiovascular Therapeutic (CCCCT1) in Shiraz Iran 2016.
26. **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.
27. **Ghaderian M**, Challenging case in congenital heart disease. Lecturer. 8<sup>th</sup> International Razavi Cardiovascular Congress in Mashhad Iran 2016.

28. 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.
29. **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.
30. **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.
31. **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
32. **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.
33. **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.
34. 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.
35. **Ghaderian Mehdi**, Sabri Mohammad Reza, Ahmadi Ali Reza, Alipour Mohammad-Reza. Midterm Follow-up Results of Transcatheter Interatrial Septal Defect Closure (**presentation**). 6<sup>th</sup> Iranian Congress of Pediatric Cardiology in Tehran-Iran 2017.
36. **Ghaderian Mehdi**, Sabri Mohammad Reza, Ahmadi Ali Reza. The Surveillance of prophylactic IV Paracetamol Efficacy to Diminish PDA incidence Risk of Preterm Neonates. (**Presentation**) 6<sup>th</sup> Iranian Congress of Pediatric Cardiology in Tehran-Iran 2017.
37. Mohammad Reza Sabri, Hamid Bigdelian, Mohsen Hosseinzadeh, Alireza Ahmadi, **Mehdi Ghaderian**, 1,3 Mohammad Shoja. 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
38. **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 Bangkok Thailand 2017.
39. **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.
40. Mehdi Ghaderian. RVOT stenting emboli. Caspian meeting in Mashhad-Iran 2017.
41. **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.
42. **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.
43. 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.
44. Mehdi Ghaderian. SVC Syndrome after Hemodialysis. (**Presentation**) 8th kowsar Hospital Congress in Shiraz- Iran. 2018.
45. **Mehdi Ghaderian**, Atrial Septal Defect Closure in Pediatric less than 10 Kg. (**Poster presentation**) Congenital structural and valvular intervention (CSI) in Frankfurt Germany 2018.

46. 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>.
47. **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.
48. **Ghaderian Mehdi**, Ahmadi Ali Reza Percutaneous. Pulmonary Artery Balloon valvotomy (**Poster presentation**). 7<sup>th</sup> Iranian Joint Cardiovascular Congress in Tehran. Iran 2019.
49. **Ghaderian Mehdi**, Barekatin 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**). 7<sup>th</sup> Iranian Joint Cardiovascular Congress in Tehran. Iran 2019.
50. **Ghaderian M**, Sabri MR. Report of a Coarctation of Aorta Stenting in an Infant. *Adv Biomed Res* 2019;8:10.
51. **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.
52. **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.
53. **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.
54. **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.
55. **Ghaderian M**, Barekatin 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.
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### **Proposal & finals:**

1. Evaluation of interventional procedures in pediatrics with Patent Ductus Arteriosus (PDA) in Imam Khomeini Hospital 2011.
2. Evaluation of balloon pulmonary valvuloplasty of pulmonary stenosis in pediatrics patients refer to Imam Khomeini Hospital 2011.
3. Comparison of obesity and overweight in first trimester of pregnancy in mothers of children with congenital heart disease and healthy children in Golestan Hospital from January 2011-2012.
4. Evaluation of contrast induced nephropathy in patient with age of less than 18, that who undergoing cardiac angiographic intervention in emam and golestan hospital in 1390.
5. Determination of relative frequency of late cardiac dysrhythmia in the patients with repaired Tetralogy of Fallot at Ahwaz Golestan Hospital from 2001 to 2011.
6. Comparison of serum lipid in children with congenital heart disease and controls at Golestan Hospital 2011 -2012.
7. Clinical findings of Cystic Fibrosis cases admitted in Aboozar children hospital in the years of 2005 – 2008.
8. Frequency of overweight and obesity in school children, Ahvaz 2010.
9. Evaluation of Efficacy and Complications of Interventional Procedures in Patients with Coarctation of Aorta in Shahid Chamran Hospital 2014.
10. Evaluation of Efficacy and Complications of Interventional Approaches in Pediatrics with Patent Ductus Arteriosus (PDA) in Shahid Chamran Hospital 2014.
11. Evaluation of Cardiac Function with Tissue Doppler Echocardiography in Children with Moderate to Severe Asthma.
12. Evaluation of Livergol on prevention of Chemotropic Drugs Effects on Liver & Cardiac Function in Children with Leukemia refer to Seiyd Al shohada Hospital.

13. The frequency of adverse events and early outcomes of pediatric catheterization.
14. The frequency of cardiac arrhythmias in children with congenital heart disease undergoing cardiac catheterization.
15. Comparison of effectiveness of Acetaminophen and Ibuprofen in closing of patent ductus arteriosus in preterm infants that born in Alzahra and Beheshti hospitals.
16. Definition and comparison of right and left ventricular function by speckle tracking in children before and after percutaneous atrial septal defect (ASD) closure.
17. Evaluation of Safety and Efficacy of Interventional Approach for Atrial Septal Defect Closure in Patients of Shahid Chamran Hospital.
18. Evaluation of Tissue Doppler Echocardiography and Traditional Echocardiography for Ventricular Function in Patients with Mild to Moderate Cystic Fibrosis in Emam Hosein Hospital at 1396.
19. Comparison the effect of oral acetaminophen and oral ibuprofen in closing of Patent Ductus Arteriosus (PDA) in preterm neonate with gestational age less than 32 weeks in Esfahan.
20. Evaluation of Safety and Efficacy of Interventional Approach & using Device closure for Atrial Septal Defect Closure in Patients less than 10 kg of Shahid Chamran Hospital in July 2016\_August 2017.
21. Evaluation of Efficacy of Coarctation Stenting in Infants and pediatric refer to Chamran Hospital.
22. Determination and comparison of right and left ventricular function in children before and after surgical repair of Tetralogy of Fallot using Two-dimensional speckle tracking echocardiography.
23. Comparison of right ventricular function by speckle tracking in children with Pulmonary valve stenosis before and after Percutaneous Balloon Pulmonary Valvuloplasty.
24. Evaluation of the results of treatment for Right Ventricular Outflow Stent Approach in Cyanotic Congenital Heart Disease Refer to Pediatrics Hospitals 2014-2019.
25. ثبت بیماری های مادرزادی قلب اطفال در اصفهان-ای.ان. متدولوژی و طراحی
26. بررسی و مقایسه تاثیر مداخله آموزشی بهداشت دهان و دندان بر شاخص های پوسیدگی دندان در کودکان مبتلا به بیماری های قلبی مادرزادی سرانوتیک و غی سرانوتیک
27. در مرکز تحقیقات قلب (PROVE/CHD) تحلیل داده های ثبت شده بیهاران، در سامانه ثبت بیماری های قلبی مادرزادی کودکان اصفهان
28. تدوین دستورالعمل بالینی جهت تشخیص زودرس بیماری های قلبی مادرزادی از بدو تولد تا سن پیش دبستانی در اصفهان
29. بررسی اندازه و عملکرد بطن راست و چپ با استفاده از اکوگرافی گرافمی در بزرگسالان، یک ماه و شش ماه بعد از بستن سوراخ بین دهلیزی از راه پوست
30. Determination and comparison of right and left ventricular function in children before and after surgical repair of Tetralogy of Fallot using Two-dimensional speckle tracking echocardiography
31. Comparison of right ventricular function by speckle tracking in children with Pulmonary valve stenosis before and after Percutaneous Balloon Pulmonary Valvuloplasty.
32. Comparison of endothelial functional factors in cyanotic congenital heart disease and normal children
33. Comparison of endothelial functional factors in acyanotic congenital heart disease and normal children

#### Congress:

1. 4<sup>th</sup> Symposium in Collaboration with Shiraz Medical University in Shiraz- Iran 2009.
2. 6 Middle East Cardiovascular Congress & 4 International Congress of Cardiovascular Imaging in Dubai 2012.
3. 10<sup>th</sup> China Interventional Therapeutics (CIT) in Beijing-China 2012.
4. 24<sup>th</sup> Gharib congress Tehran university medical science. Tehran- Iran 2013.
5. 4<sup>th</sup> Iranian Congress of Pediatric Cardiology in Tehran-Iran 2013.



6. 11<sup>th</sup> International Congress of Minimally Invasive Surgeries and Techniques, 1<sup>st</sup> International Congress of Obesity Surgery. Tehran. Iran. 2014.
7. 2nd Iranian Cardiovascular Joint Congress by Iranian Heart Association in Tehran- Iran 2014.
8. 10th International Workshop on Interventional Pediatric and Adult Congenital Cardiology. Milan- Italy 2015.
9. 5<sup>th</sup> Iranian Congress of Pediatric Cardiology in Tehran-Iran 2015.
10. PICS-CSI Asia in Dubai 2016.
11. Congenital structural and valvular intervention (CSI) in Frankfurt Germany 2016.
12. 8<sup>th</sup> International Razavi Cardiovascular Congress in Mashhad Iran 2016.
13. 1<sup>st</sup> Congress of Clinical cases in Complex Cardiovascular Therapeutic (CCCCT1) in Shiraz Iran 2016.
14. CSI Asia-Pacific in Thailand 2017.
15. CSI Asia in Dubai 2017.
16. 6<sup>th</sup> Iranian Congress of Pediatric Cardiology in Tehran-Iran 2017.
17. Congenital structural and valvular intervention (CSI) in Frankfurt Germany 2016.
18. Caspian meeting in Mashhad-Iran 2017.
19. CSI Asia-Pacific in Vietnam 2018.
20. 8th kowsar Hospital Congress in Shiraz- Iran 2017.
21. Congenital structural and valvular intervention (CSI) in Frankfurt Germany 2018.
22. Iranian neonatal congress in Esfahan. Iran. 2018.
23. Caspian meeting in Mashhad-Iran 2018.
24. 7<sup>th</sup> Iranian Joint Cardiovascular Congress in Tehran. Iran 2019.
25. Congenital structural and valvular intervention (CSI) in Frankfurt Germany 2019.
26. Caspian meeting in Mashhad-Iran 2019.

**Innovations:**

1. Installation of pediatric interventional procedures, First in Ahvaz, Imam Khomeini General Hospital, 2010.
2. Installation of pediatric cardiology department, First in Ahvaz, Imam Khomeini General Hospital, 2010.

**Hobbies:**

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