

Assoc Prof
Mustafa
ARGUN
Pediatric Cardiology

EDUCATION

06/1993	Graduation from High School
09/1994 - 07/2000	Medical School, Istanbul (6 yrs medical training), Istanbul University, Cerrahpaşa Medical Faculty, Istanbul, Turkey

ACADEMIC AND HIGHER PROFESSIONAL QUALIFICATIONS

07/2000	MD (=GP equivalent)
04/2001	Medical State Examination (TUS exam; This exam can be taken only after 6 years of medical training to Medical School Graduates to be registered as resident on a specific branch of medicine)
06/2001	Residency in General Pediatrics & In-patient Ward (incl. Infectious disease, Neuropaediatrics, Neonate and Infant, Pediatric Endocrine and Diabetes, Hematology & Oncology, Intensive Care Unit, Nephrology, Allergy & Immunology & Rheumatology, Cardiology, Gastroenterology subdivisions in Pediatrics= JHO & SHO equivalent)
06/2005	MD (Specialist Pediatrician= SpR equivalent), Ankara University Medical Faculty, Ankara
06/2005	Graduation exam in General Pediatrics (exam can be taken only after at least four years of full-time training in Pediatrics)
11/2010	Exam for registration as clinical research fellow in Pediatric Cardiology, University of Erciyes, Turkey
01/2011	Clinical Research Fellowship in Pediatric Cardiology, University of Erciyes, Turkey Title of Thesis: Cardioprotective Effect of Metformin Against Doxorubicin Cardiotoxicity in Rats.
06/2014	Assume the title of Pediatric Cardiology
03/2016	Associated Professor in Pediatric Cardiology
05/2018_04/2020	Clinical Administrative Chief of Children Hospital at Kayseri City Hospital Education Chief of Children Hospital at Kayseri
10/2019_06/2020	City Hospital

CURRENT POSITIONS AND POSTS HELD

Current Position	Associated Professor of Pediatric Cardiology, Clinical Consultant in Pediatric Cardiology, Training Officer,
Since 03/2016	Associated Professor of Pediatric Cardiology, Head of Department, Training Officer, Clinical Consultant in Pediatric Cardiology, in Health Sciences University Kayseri City Hospital, Kayseri, Turkey
Since 06/2014	Pediatric Cardiologist Clinical Consultant in Pediatric Cardiology, in Health Sciences University Medical Faculty Kayseri City Hospital, Kayseri, Turkey
Since 01/2011	SpR (Clinical Research Fellow), Pediatric Cardiology Dept, General Paediatrics Dept of Paediatrics, University of Erciyes, Turkey (Professor N. Narin)
06/2001 – 06/2005	Residency (JHO & SHO) in General Paediatrics & In-patient Ward (incl. Infectious disease, Neuropaediatrics, Neonate and Infant, Paediatric Endocrine and Diabetes, Haematology & Oncology, Intensive Care Unit, Nephrology, Allergy & Immunology & Rheumatology, Cardiology, Gastroenterology subdivisions in Paediatrics), Ankara University Medical Faculty, Ankara, turkey Pediatrics
06/2005-01/2011	Kayseri Private Hospital, Kayseri Turkey (Private Sector) Van Soldier Hastanesi, Van, Turkey (Government Agency) Avrupa Private Hospital, Kayseri, Turkey (Private Sector)

MEMBERSHIP OF PROFESSIONAL SOCIETIES

2007	Turkish Pediatric Cardiology and Cardiac Surgery Society
2012	Turkey's National Pediatric Association

PARTICIPATION IN SCIENTIFIC MEETINGS

- Annual attendance at Turkish Pediatric Cardiology and Cardiac Surgery Society Conferences.

- 46th Annual Meeting of the Association for European Paediatric and Congenital Cardiology, İstanbul, Turkey, 2012
- Pediatric and Congenital Rhythm Congress, Pedirhythm5, İstanbul, Turkey, 2012
- 49th Annual Meeting of the Association for European Paediatric and Congenital Cardiology, Prague, Czech Republic, 2015
- 10th International Congress of Update in Cardiology and Cardiovascular Surgery, Antalya, Turkey, 2014
- Pediatric and Congenital Interventional Cardiology Symposium, İstanbul, Turkey, 2014
- Transcatheter Pulmonary Valve Symposium, İstanbul, Turkey, 2015
- Clinical research results presented as oral communications and posters at all conferences attended (75 poster presentations, 47 in national and 28 in international congresses)

TEACHING / ACADEMIC WORK, MANAGEMENT ACTIVITIES

- Supervision of residents in paediatrics (since 2004)
- Regular review activities for international journals

CLINICAL ACTIVITIES AT HOSPITAL

Main interests	<ul style="list-style-type: none"> – Transcatheter closure of congenital heart defect and valvuloplasty and angioplasty of valvular/arteriolar stenosis – Pediatric intensive care of postoperative congenital heart disease – Extracorporeal membrane oxygenation – Acute rheumatic fever, Kawasaki disease – Arrhythmia
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ADVANCED TRAINING, SPECIAL QUALIFICATIONS, CERTIFICATIONS

2003	Neonatal Resuscitation course
2011	Laboratory Animals Science Course Participation Certificate
2011	Fetal Echocardiography Course
2012	Advanced Life support Course
2013	Ablation Course
2014	ECMO Course

PUBLICATIONS

1. Argun M, Gul H, Çelebi S, Elmalı F, Narin N. Effect of fluoxetine and psychotherapy on heart rate variability in children and adolescent diagnosed with panic disorder: 24-hour Holter monitoring study before and after treatment. *Turk Kardiyol Dern Ars.* 2019 Sep;47(6):458-465. doi: 10.5543/tkda.2019.92646.PMID: 31483315

2. Argun M, Baykan A, Hatipoğlu N, Akın L, Şahin Y, Narin N, Kurtoğlu S. Arrhythmia in thiamine responsive megaloblastic anemia syndrome. *Turk J Pediatr.* 2018;60(3):348-351. doi: 10.24953/turkjped.2018.03.021. PubMed PMID: 30511554.

3. Argun M, Baykan A, Özyurt A, Pamukçu Ö, Üzüm K, Narin N. Syncope due to complete atrioventricular block and treatment with a transient pacemaker in acute rheumatic fever. *Turk Pediatri Ars.* 2018 Sep 1;53(3):197-199. doi:10.5152/TurkPediatriArs.2018.4014. eCollection 2018 Sep. PubMed PMID: 30459521;

4. Pamukcu O, Tuncay A, Narin N, Baykan A, Korkmaz L, Argun M, Ozyurt A, Sunkak S, Uzum K. Patent Ductus Arteriosus closure in preterms less than 2kg: Surgery versus transcatheter. *Int J Cardiol.* 2018 Jan 1; 250:110-115. doi: 10.1016/j.ijcard.2017.10.020. Epub 2017 Oct 6. PubMed PMID: 29017778.

5. Narin N, Pamukçu Ö, Baykan A, Argun M, Özyurt A, Bayram A, Üzüm K. Transcatheter closure of PDA in premature babies less than 2 kg. *Anatol J Cardiol.* 2017 Feb;17(2):147-153. doi: 10.14744/AnatolJCardiol.2016.6847. Epub 2016 Sep 2. PubMed PMID: 27599665

6. Argun M, Üzüm K, Baykan A, Narin N. Author's Reply. *Anatol J Cardiol.* 2016 Apr;16(4):299-300. PubMed PMID: 27111203

7. Ozyurt A, Baykan A, Argun M, Pamukcu O, Halis H, Korkut S, Yuksel Z, Gunes T, Narin N. Early onset marfan syndrome: Atypical clinical presentation of two cases. *Balkan J Med Genet.* 2015 Dec 30;18(1):71-6. doi: 10.1515/bjmg-2015-0008. eCollection 2015 Jun. PubMed PMID: 26929908

8. Argun M, Üzüm K, Sönmez MF, Özyurt A, Derya K, Çilenk KT, Unalmış S, Pamukcu Ö, Baykan A, Narin F, Elmalı F, Narin N. Cardioprotective effect of metformin against doxorubicin cardiotoxicity in rats. *Anatol J Cardiol.* 2016 Apr;16(4):234-41. doi: 10.5152/akd.2015.6185. Epub 2015 Apr 30. PubMed PMID: 26642465

9. Pamukcu O, Baykan A, Bayram LC, Narin F, Cetin N, Narin N, Argun M, Ozyurt A, Uzum K. Anti-inflammatory role of obestatin in autoimmune myocarditis. *Clin Exp Pharmacol Physiol.* 2016 Jan;43(1):47-55. doi: 10.1111/1440-1681.12497. PubMed PMID: 26426263.

10. Narin N, Baykan A, Pamukcu O, Argun M, Ozyurt A, Mese T, Yilmazer MM, Gunes I, Kazım U. ADO II in Percutaneous VSD Closure in Pediatric Patients. *J Interv Cardiol.* 2015 Oct;28(5):479-84. doi: 10.1111/joic.12222. Epub 2015 Sep 8. PubMed PMID: 26345701.

11. Narin N, Ozyurt A, Sunkak S, Baykan A, Argun M, Pamukcu O, Uzum K. Pulmonary arterial wall thickness in Eisenmenger Syndrome: Prospective, cross-sectional, controlled clinical trial. *Pediatr Pulmonol.* 2015 Dec;50(12):1253-61. doi:10.1002/ppul.23241. Epub 2015 Jun 25. PubMed PMID: 26110269.

12. Baykan A, Pamukcu O, Ozyurt A, Argun M, Onan SH, Sezer S, Uzum K, Narin N. Is it safe to close ASD with the guidance of transthoracic echocardiography in pediatric population "ten years' experience of a single center". *J Interv Cardiol.* 2015 Apr;28(2):172-9. doi: 10.1111/joic.12197. PubMed PMID: 25884900.

13. Ozyurt A, Baykan A, Argun M, Pamukcu O, Uzum K, Narin F, Narin N. Does N-terminal pro-brain natriuretic peptide correlate with measured shunt fraction in children with septal defects? *Cardiol Young.* 2016 Mar;26(3):469-76. doi:10.1017/S1047951115000438. Epub 2015 Apr 10. PubMed PMID: 25858635.

14. Narin N, Pamukcu O, Baykan A, Argun M, Ozyurt A, Uzum K. Percutaneous atrial septal defect closure by using jugular venous access in a case with interrupted inferior vena cava. *Postepy Kardiol Interwencyjne.* 2014;10(4):267-9.

doi:10.5114/pwki.2014.46769. Epub 2014 Nov 17. PubMed PMID: 25489321

15. Baykan A, Olgar Ş, Argun M, Özyurt A, Pamukçu Ö, Üzüm K, Narin N. Different clinical presentations of Naxos disease and Carvajal syndrome: Case series from a single tertiary center and review of the literature. *Anatol J Cardiol.* 2015 May;15(5):404-8. doi: 10.5152/akd.2014.5413. Epub 2014 Apr 16. PubMed PMID:25430408

16. Argun M, Baykan A, Narin F, Özyurt A, Pamukçu Ö, Elmalı F, Üzüm K, Narin N. Plasma gelsolin as a biomarker of acute rheumatic carditis. *Cardiol Young.* 2015 Oct;25(7):1276-80. doi: 10.1017/S1047951114002327. Epub 2014 Nov 18. PubMed PMID:25403731.

17. Narin N, Baykan A, Argun M, Ozyurt A, Pamukcu O, Bayram A, Uzum K. New modified balloon-assisted technique to provide appropriate deployment in the closure of large secundum atrial septal defect using amplatzer septal occluder in children. *J Invasive Cardiol.* 2014 Nov;26(11):597-602. PubMed PMID: 25364001.

18. Baykan A, Narin N, Özyurt A, Argun M, Pamukçu Ö, Onan SH, Sezer S, Baykan Z, Üzüm K. Do we need a femoral artery route for transvenous PDA closure in children with ADO-I? *Anatol J Cardiol.* 2015 Mar;15(3):242-7. doi: 10.5152/akd.2014.5269. Epub 2014 Apr 16. PubMed PMID: 25333978

19. Ozyurt A, Narin N, Baykan A, Argun M, Pamukcu O, Zararsiz G, Sunkak S, Uzum K. Efficacy of palivizumab prophylaxis among infants with congenital heart disease: A case control study. *Pediatr Pulmonol.* 2015 Oct;50(10):1025-32. doi: 10.1002/ppul.23102. Epub 2014 Aug 25. PubMed PMID: 25156973.

20. Narin N, Mutlu F, Argun M, Ozyurt A, Pamukcu O, Baykan A, Baykan Z, Uzum K. Incidence and clinical features of acute rheumatic fever in Kayseri, Central Anatolia, 1998-2011. *Cardiol Young.* 2015 Apr;25(4):745-51. doi:10.1017/S1047951114000900. Epub 2014 Jun 6. PubMed PMID: 24905553.

21. Narin N, Hekimoglu B, Baykan A, Ozyurt A, Zararsiz G, Sezer S, Onan SH, Argun M, Pamukcu O, Uzum K. The role of N-terminal proBNP in the clinic scoring of heart failure due to dilated cardiomyopathy in children. *Clin Lab*. 2014;60(4):563-70. PubMed PMID: 24779290.

22. Narin N, Yilmaz E, Pamukcu O, Baykan A, Argun M, Ozyurt A, Onan S, Sezer S, Uzum K. Are endothelial microparticles early markers of pulmonary hypertension? *Biomarkers*. 2014 Jun;19(4):319-25. doi: 10.3109/1354750X.2014.910551. Epub 2014 Apr 21. PubMed PMID: 24749910.

23. Pamukcu O, Ozyurt A, Argun M, Baykan A, Narin N, Uzum K. Unusual right ventricle aneurysm and dysplastic pulmonary valve with mitral valve hypoplasia. *Ann Pediatr Cardiol*. 2013 Jul;6(2):167-9. doi: 10.4103/0974-2069.115272. PubMed PMID: 24688237

24. Ozyurt A, Sevinc E, Baykan A, Arslan D, Argun M, Pamukcu O, Uzum K. Variable clinical presentation in primary lymphoedema: report of two cases. *Clin Dysmorphol*. 2014 Jul;23(3):83-7. doi: 10.1097/MCD.0000000000000036. PubMed PMID: 24619057.

25. Özyurt A, Baykan A, Argun M, Pamukçu Ö, Mavili E, Narin N. Spontaneously regressed congenital idiopathic dilatation of the right atrium in the newborn. *Anadolu Kardiyol Derg*. 2014 Feb;14(1):90-2. doi: 10.5152/akd.2013.5086. Epub 2013 Dec 18. PubMed PMID: 24382498.

26. Sezer SS, Narin N, Ozyurt A, Onan SH, Pamukcu O, Argun M, Baykan A, Uzum K. Cardiovascular changes in children with coarctation of the aorta treated by endovascular stenting. *J Hum Hypertens*. 2014 Jun;28(6):372-7. doi:10.1038/jhh.2013.119. Epub 2013 Nov 28. PubMed PMID: 24284383.

27. Esen F, Argun M, Pamukçu Ö, Ozyurt A, Baykan A, Sezer S, Baykan Z, Uzum K, Narin N. Importance of N-terminal pro-brain natriuretic peptide in monitoring acute rheumatic carditis. *Cardiol Young*. 2015 Jan;25(1):110-4. doi:10.1017/S1047951113001856. Epub 2013 Oct 28. PubMed PMID: 24161016.

28. Baykan A, Argun M, Ozyurt A, Pamukçu O, Uzüm K, Narin N. Hypertension associated with coarctation of the aorta revisited: case-based update from experience of three children. *Case Rep Pediatr.* 2013; 2013:716438. doi:10.1155/2013/716438. Epub 2013 Sep 5. PubMed PMID: 24093067

29. Baykan A, Narin N, Ozyurt A, Argun M, Pamukcu O, Mavili E, Sezer S, Onan SH, Uzum K. Cheatham platinum stent implantation in children with coarctation of the aorta: single-centre short-term, intermediate-term, and long-term results from Turkey. *Cardiol Young.* 2014 Aug;24(4):675-84. doi: 10.1017/S1047951113001054. Epub 2013 Jul 23. PubMed PMID: 23880118.

30. Baykan A, Ozyurt A, Korkmaz L, Pamukcu O, Argun M, Ozturk A, Kurtoglu S, Narin N. Giant right atrial thrombus in premature newborn. *J Thromb Thrombolysis.* 2014 Apr;37(3):353-5. doi: 10.1007/s11239-013-0936-6. Review. PubMed PMID:23689956.

31. Baykan A, Argun M, Sezer SS, Ceyran H, Narin N. Transapical aortic balloon valvuloplasty in a 6-year-old child with unsuccessful retrograde approach. *Cardiol Young.* 2013 Feb;23(1):129-31. doi: 10.1017/S1047951112000522. Epub 2012 Apr 17. PubMed PMID: 22717308.