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Education Information

Post Doctorate of Medicine, Hacettepe University, Tıp Fakültesi, Çocuk Sağlığı Ve Hastalıkları, Kardiyoloji, Turkey 2011 - 2014

Expertise In Medicine, Hacettepe University, Tıp Fakültesi, Çocuk Sağlığı Ve Hastalıkları, Turkey 2005 - 2010

Undergraduate, Kocaeli University, Tıp Fakültesi, Tıp Fakültesi, Turkey 1999 - 2005

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Child Health and Diseases, Pediatric Cardiology

Academic Titles / Tasks

Associate Professor, Hacettepe University, Tıp Fakültesi (İngilizce), Dahili Tıp Bilimleri Bölümü, 2017 - Continues

Expert, Hacettepe University, Tıp Fakültesi (İngilizce), Dahili Tıp Bilimleri Bölümü, 2014 - 2017

Research Assistant PhD, Hacettepe University, Tıp Fakültesi (İngilizce), Dahili Tıp Bilimleri Bölümü, 2011 - 2014

Research Assistant PhD, Hacettepe University, Tıp Fakültesi (İngilizce), Dahili Tıp Bilimleri Bölümü, 2005 - 2010

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Acute kidney injury in children with moderate-severe COVID-19 and multisystem inflammatory syndrome in children: a referral center experience**

TAŞTEMEL ÖZTÜRK T., DÜZOVA A., OYGAR P. D., BALTU D., ÖZÇİLİNGİR P., LAÇİNEL GÜRLEVİK S., KURT ŞÜKÜR E. D., AYKAN H. H., ÖZEN S., ERTUĞRUL İ., et al.

Pediatric Nephrology, vol.39, no.3, pp.867-877, 2024 (SCI-Expanded)

- II. **Investigation of cardiopulmonary parameters, motor development and muscle strength in children with Down syndrome with and without congenital heart disease**
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- III. **Percutaneous Transcatheter Retrieval of Central Venous Port Fragments in Pediatric Patients; A Single-center Experience From the Pediatric Cardiology Department**
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- IV. **Cardiac rhabdomyomas: clinical progression, efficacy and safety of everolimus treatment**
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Turkish Journal of Pediatrics, vol.65, no.3, pp.479-488, 2023 (SCI-Expanded)
- V. **Assessment of exercise capacity using field walking tests in patients after the Fontan procedure: A case-control study**
TEKERLEK H., SAĞLAM M., KÜÇÜKDAĞLI A. C., AYKAN H. H., VARDAR YAĞLI N., ÇALIK KÜTÜKCÜ E., İNAL İNCE D., KARAGÖZ T.
Heart and Lung, vol.60, pp.66-73, 2023 (SCI-Expanded)
- VI. **Fetal cardiac interventions: First-year experience of a tertiary referral center in Turkey**
DEREN Ö., AYKAN H. H., ÖZYÜNCÜ Ö., AYPAR E., ÇAĞAN M., ÖZEN Ö., KARAGÖZ T.
Journal of Obstetrics and Gynaecology Research, vol.49, no.6, pp.1525-1531, 2023 (SCI-Expanded)
- VII. **An unexpected intracardiac location of yolk sac tumor**
Sel K., ALEHAN D., YALÇIN B., ÖNDER S. Ç., AYKAN H. H., Akyuz C., DOĞAN R.
CARDIOVASCULAR PATHOLOGY, vol.62, 2023 (SCI-Expanded)
- VIII. **ACUTE KIDNEY INJURY ASSOCIATED WITH COVID-19 AND MULTISYSTEM INFLAMMATORY SYNDROME IN CHILDREN (MIS-C)**
TAŞTEMEL ÖZTÜRK T., DÜZOVA A., OYGAR P. D., BALTU D., Ozcilingir P., LAÇİNEL GÜRLEVİK S., Kurtsukur E. D., AYKAN H. H., ÖZEN S., ERTUĞRUL İ., et al.
PEDIATRIC NEPHROLOGY, vol.37, no.11, pp.2804, 2022 (SCI-Expanded)
- IX. **Hamartoma of mature cardiac myocytes: a case report**
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- X. **Two decades of experience on ablation in children with Ebstein's anomaly.**
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- XI. **Comparison of IVIG resistance predictive models in Kawasaki disease**
KAYA AKCA Ü., Aydın E. A., AYKAN H. H., SERİN O., SAĞ E., DEMİR S., ATALAY E., Kasap M., BATU AKAL E. D., KARAGÖZ T., et al.
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- XII. **Femoral venous haemostasis in children and young adults using the 'figure-of-eight' suture technique**
DÖNMEZ Y. N., AYKAN H. H., Sel K., ERTUĞRUL İ., DUMAN D., AYPAR E., ALEHAN D., KARAGÖZ T.
ACTA CARDIOLOGICA, vol.77, no.7, pp.626-631, 2022 (SCI-Expanded)
- XIII. **Multiple Ablation Targets in Children: Multiple Accessory Pathways and Coexistent Arrhythmia**
Ertugrul I., Sel K., Akin A., Aykan H. H., Karagoz T.
PEDIATRIC CARDIOLOGY, vol.42, no.8, pp.1841-1847, 2021 (SCI-Expanded)
- XIV. **Transcatheter closure of patent vertical vein after repair of total anomalous pulmonary venous connection: a case series.**
Gumustas M., Donmez Y. N., Aykan H. H., Demircin M., Karagoz T.
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- XV. **Bilateral thoracoscopic sympathectomy for cardiac denervation in pediatric population: Does Kuntz nerve cauterization have an impact on success?**
ERTUĞRUL İ., DÖNMEZ Y. N., AYDIN A., AYKAN H. H., Sel K., UYSAL S., YILMAZ M., KARAGÖZ T.

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- XVI. **Empiric slow-pathway ablation results for presumed atrioventricular nodal reentrant tachycardia in pediatric patients**
DUMAN D., ERTUĞRUL İ., Bastuhan I. Y., AYKAN H. H., KARAGÖZ T.
PACE-PACING AND CLINICAL ELECTROPHYSIOLOGY, vol.44, pp.1200-1206, 2021 (SCI-Expanded)
- XVII. **Association of interrupted aortic arch, aortopulmonary window with anomalous origin of the right pulmonary artery from the aorta, one-stage repair and postoperative outcomes: A case report**
DÖNMEZ Y. N., AYKAN H. H., PEKER R. O., KARAGÖZ T., DOĞAN R.
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.25, no.6, pp.447-450, 2021 (SCI-Expanded)
- XVIII. **Rerouting anomalous coronary artery origin in aortopulmonary window in newborn**
Vural K. M., AYKAN H. H., AYDIN A.
JOURNAL OF CARDIAC SURGERY, vol.36, no.6, pp.2099-2102, 2021 (SCI-Expanded)
- XIX. **Is Takayasu's arteritis more severe in children?**
Bolek E., Kaya A., Sari A., Sag E., Demir S., Kilic L., Sener Y., Aykan H. H., Kaya E., Bilginer Y., et al.
Clinical and experimental rheumatology, vol.39, 2021 (SCI-Expanded)
- XX. **Kawasaki-like disease in children with COVID-19.**
Akca Ü., KEŞİCİ S., ÖZSÜREKÇİ Y., AYKAN H. H., Batu E. D., ATALAY E., DEMİR S., SAĞ E., VURALI KARAOĞLAN D., BAYRAKÇI B., et al.
Rheumatology international, vol.40, pp.2105-2115, 2020 (SCI-Expanded)
- XXI. **Intrapericardial inflammatory myofibroblastic tumour in a 3-month-old infant associated with Coronavirus OC43 presenting with pericardial tamponade**
Donmez Y. N., AYKAN H. H., ORHAN D., PEKER R. O., YILMAZ M., KARAGÖZ T.
PAEDIATRICS AND INTERNATIONAL CHILD HEALTH, vol.40, no.4, pp.261-267, 2020 (SCI-Expanded)
- XXII. **Investigation of Cardiovascular System Findings and Affecting Factors Before and After Adenotonsillectomy Operation in Children with Obstructive Sleep Apnea Accompanied by Adenotonsillar Hypertrophy**
Ozbilgic T., SÜSLÜ A. E., AYKAN H. H., PEHLİVANOĞLU B., ÖNAL D., KAŞIKCI M., DÜZOVA A., EMİRALİOĞLU N., YALÇIN E. E., Ersoz D. D., et al.
EUROPEAN RESPIRATORY JOURNAL, vol.56, 2020 (SCI-Expanded)
- XXIII. **Fulminant COVID-19-related myocarditis in an infant**
Kesici S., Aykan H. H., Orhan D., Bayrakci B.
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- XXIV. **Palivizumab compliance in congenital heart disease patients: factors related to compliance and altered lower respiratory tract infection viruses after palivizumab prophylaxis**
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- XXV. **Clinical efficacy and safety of switch from bosentan to macitentan in children and young adults with pulmonary arterial hypertension: extended study results**
AYPAR E., ALEHAN D., KARAGÖZ T., Aykan H. H., ERTUĞRUL İ.
CARDIOLOGY IN THE YOUNG, vol.30, no.5, pp.681-685, 2020 (SCI-Expanded)
- XXVI. **Acute coronary syndrome in an adolescent with aortic root replacement (Bentall)**
Donmez Y. N., AYKAN H. H., Sahiner L.
CARDIOLOGY IN THE YOUNG, vol.30, no.3, 2020 (SCI-Expanded)
- XXVII. **Percutaneous Endovascular Removal of Fractured Port Catheters**
Ardicli B., AYKAN H. H., Karagoz T., Ekinci S.
PEDIATRIC BLOOD & CANCER, vol.66, 2019 (SCI-Expanded)
- XXVIII. **Assessment of cardiac function and electrocardiographic findings in patients with Wilson's disease**
Karhan A. N., AYKAN H. H., Gumus E., Donmez Y., ALEHAN D., Ozkutlu S., DEMİR H., Temizel I. N. S., ÖZEN H., YÜCE A.
CARDIOLOGY IN THE YOUNG, vol.29, no.9, pp.1183-1188, 2019 (SCI-Expanded)
- XXIX. **Anomalous single trunk coronary artery from the right pulmonary artery.**
Donmez Y., Aykan H. H., Yilmaz M.

- Cardiology in the young, vol.29, pp.1088-1090, 2019 (SCI-Expanded)
- XXX. **Cardiac autonomic function evaluation in pediatric and adult patients with congenital myasthenic syndromes.**
Günbey C., Sel K., Temuçin Ç. M., Aykan H. H., Konuşkan B., Karagöz T., Anlar B.
Neuromuscular disorders : NMD, vol.29, pp.290-295, 2019 (SCI-Expanded)
- XXXI. **Analysis of gene copy number variations in patients with congenital heart disease using multiplex ligation-dependent probe amplification.**
Mutlu E., Aykan H. H., Karagöz T.
Anatolian journal of cardiology, vol.20, pp.9-15, 2018 (SCI-Expanded)
- XXXII. **Clinical efficacy and safety of switch from bosentan to macitentan in children and young adults with pulmonary arterial hypertension**
AYPAR E., ALEHAN D., KARAGÖZ T., AYKAN H. H., ERTUĞRUL İ.
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- XXXIII. **Cardiac rhabdomyosarcomas, association with tuberous sclerosis complex and everolimus treatment: single center experience**
AYPAR E., KURUCU N., VARAN A., AYDIN G. B., YALÇIN B., KONUŞKAN B., ANLAR F. B., ERTUĞRUL İ., AYKAN H. H., KARAGÖZ T., et al.
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- XXXIV. **A girl with Henoch Schönlein purpura associated with acute rheumatic fever and review of literature.**
Aypar E., Demirtaş D., Aykan H. H., Kara-Eroğlu F., Düzova A.
The Turkish journal of pediatrics, vol.60, pp.576-580, 2018 (SCI-Expanded)
- XXXV. **Transcatheter closure of the patent foramen ovale in children: intermediate-term follow-up results**
Sel K., AYKAN H. H., Duman D., AYPAR E., Ozkutlu S., ALEHAN D., KARAGÖZ T.
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- XXXVI. **ECMO Experiences of Ihsan Dogramaci Children's Hospital, Ankara, Turkey**
Tanyildiz M., KESİCİ S., Yetimakman A. F., Kockuzu E., AYKAN H. H., BAYRAKCI B.
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- XXXVII. **Evaluation of Tissue Doppler Echocardiographic Imaging findings in children with pulmonary hypertension.**
Akin A., Alehan D., Aykan H. H., Özkutlu S., Özer S., Karagöz T.
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- XXXVIII. **Midterm Results of Implantable Cardioverter Defibrillators in Children and Young Adults from a Single Center in Turkey.**
Aykan H. H., Karagoz T., Gulgun M., Ertugrul İ., Aypar E., Ozer S., Alehan D., Celiker A., Ozkutlu S.
Pacing and clinical electrophysiology : PACE, vol.39, pp.1225-1239, 2016 (SCI-Expanded)
- XXXIX. **Subcutaneous defibrillator implantation in pediatric patients.**
ERTUĞRUL İ., Karagöz T., Aykan H. H., YILDIRIM I., ÖZER S., Karagöz H., Yılmaz M.
Anatolian journal of cardiology, vol.16, pp.630-634, 2016 (SCI-Expanded)
- XL. **Is transesophageal electrophysiologic study valuable in children with successful radiofrequency ablation of supraventricular tachycardia on follow-up for recurrence?**
Gulgun M., Ozer S., KARAGÖZ T., Akin A., AYKAN H. H., Ozkutlu S., ALEHAN D., Celiker A.
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.16, no.2, pp.126-130, 2016 (SCI-Expanded)
- XLI. **A rare complication of radiofrequency ablation: skin burn**
ERTUĞRUL İ., KARAGÖZ T., AYKAN H. H.
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- XLII. **Comparison of Transesophageal and Intracardiac Electrophysiologic Studies for the Diagnosis of Childhood Supraventricular Tachycardias.**
Aykan H. H., Özer S., Karagöz T., AKIN A., GÜLGÜN M., Alehan D., Özkutlu S., ÇELIKER A.
Pediatric cardiology, vol.36, pp.1429-35, 2015 (SCI-Expanded)
- XLIII. **Electrical storm in an adolescent with arrhythmogenic right ventricle cardiomyopathy treated with**

cardiac transplantation

AYKAN H. H., Gulgun M., ERTUĞRUL İ., KARAGÖZ T.

ANATOLIAN JOURNAL OF CARDIOLOGY, vol.15, no.6, pp.513, 2015 (SCI-Expanded)

- XLIV. **Ailevi Hiperkolesterolemili Hastaların Mutasyon Analiz Sonuçlarının Simone-Broome Kriterleriyle Değerlendirilmesi**
AYKAN H. H., ÖZGÜL R. K., Güzel A., COŞKUN T., DURSUN A.
Türkiye Çocuk Hastalıkları Dergisi, vol.9, no.3, pp.176-183, 2015 (SCI-Expanded)
- XLV. **Interventional cardiac catheterization in infants weighing less than 2500 g.**
Karagöz T., Akin A., Aykan H. H., Çeliker A., Alehan D., Özer S., Özkutlu S.
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- XLVI. **Serum Bcl-2 Values in Children with Pulmonary Hypertension**
Akin A., ALEHAN D., AYKAN H. H., Ozkutlu S., Ozer S., KARAGÖZ T.
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- XLVII. **A new approach to an old hypothesis; phototherapy does not affect ductal patency via PGE(2) and PGI(2)**
SURMELI-ONAY O., YURDAKÖK M., KARAGÖZ T., ERKEKOGLU P., ERTUĞRUL İ., takci S., Giray B. K., AYKAN H. H., KORKMAZ A., YİĞİT Ş.
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- XLVIII. **Tularemia in Children, Turkey, September 2009 November 2012**
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- XLIX. **Results of radiofrequency ablation in children with tachycardia-induced cardiomyopathy**
AYKAN H. H., KARAGÖZ T., AKIN A., IRDEM A., ÖZER S., Celiker A.
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- L. **NRG (TM) RF powered transeptal needle: a useful technique for transcatheter atrial septostomy and Fontan fenestration: report of three cases**
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BOSNIAN JOURNAL OF BASIC MEDICAL SCIENCES, vol.14, no.4, pp.259-262, 2014 (SCI-Expanded)
- LI. **Transcatheter closure of antegrade pulmonary blood flow with Amplatzer muscular VSD occluder after Fontan operation**
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ANADOLU KARDIOLOJİ DERGİSİ-THE ANATOLIAN JOURNAL OF CARDIOLOGY, vol.14, no.6, pp.565, 2014 (SCI-Expanded)
- LII. **Sensitivity of Transesophageal Electrophysiologic Study in Children with Supraventricular Tachycardia on Electrocardiography**
AKIN A., ÖZER S., KARAGÖZ T., AYKAN H. H., GÜLGÜN M., Ozkutlu S., ALEHAN D., Celiker A.
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- LIII. **Antegrade balloon valvuloplasty for critical aortic stenosis in a premature neonate weighing 1100 g**
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TURKISH JOURNAL OF PEDIATRICS, vol.56, no.1, pp.115-117, 2014 (SCI-Expanded)
- LIV. **The Efficacy of Amiodarone-Propranolol Combination for the Management of Childhood Arrhythmias**
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- LV. **Closure of the patent ductus arteriosus with the Amplatzer Duct Occluder II: a clinical experience**
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- LVI. **The epidemiology and economic impact of varicella-related hospitalizations in Turkey from 2008 to 2010: a nationwide survey during the pre-vaccine era (VARICOMP study)**
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Articles Published in Other Journals

- I. **Cardiological Findings of Babies Born to Mothers with Connective Tissue Disease**
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- II. **Pediatric cardiology consultation at long-term video EEG monitoring**
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Annals of Medical Research, vol.30, no.1, pp.116-120, 2023 (Peer-Reviewed Journal)
- III. **Comparison of Perfusion Index and Echocardiographic Parameters in Preterm Infants with Hemodynamically Significant Patent Ductus Arteriosus**
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- IV. **Cardiomyopathy in patients with type 1 tyrosinemia, and the effect of nitisinone treatment on cardiomyopathy**
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- V. **Double drainage of pulmonary vein associated with atrial septal defect.**
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- VI. **Pseudomonas oleovorans Endocarditis in a Child: The First Reported Case**
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- VII. **Kawasaki Hastalığında Güncel Gelişmeler**
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- VIII. **Transjugular approach for radiofrequency ablation of permanent junctional reciprocal tachycardia in a newborn with bilateral femoral vein thrombosis.**
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- IX. **Delayed right-ventricular perforation by pacemaker lead; a rare complication in a 12-year-old girl**
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Books & Book Chapters

- I. **Transcatheter Interventions After Fontan and Transcatheter Fontan Completion**
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in: Fontan Circulation, Rıza Doğan, Editor, Türkiye Klinikleri Yayınevi, Ankara, pp.1-90, 2020

Refereed Congress / Symposium Publications in Proceedings

- I. **Pulmoner Arterde Kitle: Vaka Sunumu**
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27. Ulusal Neonatoloji Kongresi, 27. UNEKO, 03-07 Nisan 2019, Antalya, Türkiye, Antalya, Turkey, 3 - 07 April 2019, pp.203
- II. **Surgical management of cor triatriatum sinister in seven patients**

PEKER R. O., AYDIN A., AYKAN H. H., GÜVENER M., YILMAZ M., DOĞAN R., DEMİRCİN M.
15. Türk Kalp ve Damar Cerrahisi Derneği Kongresi, Turkey, 26 - 29 October 2018, pp.123

- III. **Modified femoral approaches for successful pacemaker lead extraction**
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- IV. **The Clinical Risk Assessment of Patients with WPW pattern**
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Metrics

Publication: 92

Citation (WoS): 143

Citation (Scopus): 265

H-Index (WoS): 5

H-Index (Scopus): 7

Non Academic Experience

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