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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

I. **Predictive Role of Atrial Strain, Aortic Stiffness, and Muscle-Related Factors for Maximal and Submaximal Exercise Capacity in Fontan Patients**

Tekerlek H., AYKAN H. H., VARDAR YAĞLI N., Selcuk S. N., BAŞOL GÖKSÜLÜK M., KARAGÖZ T., SAĞLAM M.
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II. **Exploring frailty: muscle strength, functional capacity, activities of daily living and cognition in adult**

congenital heart disease

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- III. **Very high take-off the right coronary artery with double outlet right ventricle**
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- IV. **Frequency and Characteristics of Sleep Apnea Syndrome in Pediatric Patients with Duchenne Muscular Dystrophy**
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- V. **Fontan Completion in Adult Patients with Functionally Univentricular Hearts**
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THORACIC AND CARDIOVASCULAR SURGEON, 2024 (SCI-Expanded)
- VI. **Evaluation of Oral Health Status and Treatment Needs of Children with Congenital and Acquired Heart Disease**
TAŞDEMİR T., ERBAŞ ÜNVERDİ G., BALLIKAYA E., AYPAR E., AYKAN H. H., KARAGÖZ T., UZAMIŞ TEKÇİÇEK M.
JOURNAL OF CLINICAL MEDICINE, no.14, 2024 (SCI-Expanded)
- VII. **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)
- VIII. **Investigation of cardiopulmonary parameters, motor development and muscle strength in children with Down syndrome with and without congenital heart disease**
Siyah T., SAĞLAM M., Yagli N., ERTUĞRUL İ., AYKAN H. H., KARAGÖZ T.
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- IX. **Interventional cardiac catheterization in neonates and premature infants with congenital heart disease: a single center experience**
ÜLGEN TEKEREK N., AYKAN H. H., ÜNAL YÜKSEKGÖNÜL A., ERTUĞRUL İ., AYPAR E., ALEHAN D., Celiker A., KARAGÖZ T.
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- X. **Percutaneous Transcatheter Retrieval of Central Venous Port Fragments in Pediatric Patients; A Single-center Experience From the Pediatric Cardiology Department**
Duman D., AYKAN H. H., ERTUĞRUL İ., ARDIÇLI B., Aypar E., Alehan D., Karagöz T.
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- XI. **Cardiac rhabdomyomas: clinical progression, efficacy and safety of everolimus treatment**
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- XII. **Assessment of exercise capacity using field walking tests in patients after the Fontan procedure: A case-control study**
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- XIII. **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.
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- XIV. **An unexpected intracardiac location of yolk sac tumor**
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- XV. **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.

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- XVI. **Hamartoma of mature cardiac myocytes: a case report**
Terzioğlu H. G., Orhan D., Karagoz T., AYKAN H. H.
VIRCHOWS ARCHIV, vol.481, no.SUPPL 1, 2022 (SCI-Expanded)
- XVII. **Two decades of experience on ablation in children with Ebstein's anomaly.**
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- XVIII. **Comparison of IVIG resistance predictive models in Kawasaki disease**
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- XIX. **Femoral venous haemostasis in children and young adults using the 'figure-of-eight' suture technique**
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- XX. **Multiple Ablation Targets in Children: Multiple Accessory Pathways and Coexistent Arrhythmia**
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- XXI. **Transcatheter closure of patent vertical vein after repair of total anomalous pulmonary venous connection: a case series.**
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- XXII. **Bilateral thoracoscopic sympathectomy for cardiac denervation in pediatric population: Does Kuntz nerve cauterization have an impact on success?**
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- XXIII. **Empiric slow-pathway ablation results for presumed atrioventricular nodal reentrant tachycardia in pediatric patients**
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Vural K. M., AYKAN H. H., AYDIN A.
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- XXV. **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**
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- XXVI. **Is Takayasu's arteritis more severe in children?**
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- XXVII. **Kawasaki-like disease in children with COVID-19.**
Akca Ü., KESİCİ 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)
- XXVIII. **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)

- XXXIX. **Investigation of Cardiovascular System Findings and Affecting Factors Before and After Adenotonsillectomy Operation in Children with Obstructive Sleep Apnea Accompanied by Adenotonsillar Hypertrophy**
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- XXX. **Fulminant COVID-19-related myocarditis in an infant**
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EUROPEAN HEART JOURNAL, vol.41, no.31, pp.3021, 2020 (SCI-Expanded)
- XXXI. **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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- XXXII. **Clinical efficacy and safety of switch from bosentan to macitentan in children and young adults with pulmonary arterial hypertension: extended study results**
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- XXXIII. **Acute coronary syndrome in an adolescent with aortic root replacement (Bentall)**
Donmez Y. N., AYKAN H. H., Sahiner L.
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- XXXIV. **Percutaneous Endovascular Removal of Fractured Port Catheters**
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- XXXV. **Assessment of cardiac function and electrocardiographic findings in patients with Wilson's disease**
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- XXXVI. **Anomalous single trunk coronary artery from the right pulmonary artery.**
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- XXXVII. **Cardiac autonomic function evaluation in pediatric and adult patients with congenital myasthenic syndromes.**
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- XXXVIII. **Analysis of gene copy number variations in patients with congenital heart disease using multiplex ligation-dependent probe amplification.**
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- XXXIX. **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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- XL. **Clinical efficacy and safety of switch from bosentan to macitentan in children and young adults with pulmonary arterial hypertension**
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- XLI. **A girl with Henoch Schönlein purpura associated with acute rheumatic fever and review of literature.**
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- XLII. **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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- XLIII. **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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- XLIV. **Evaluation of Tissue Doppler Echocardiographic Imaging findings in children with pulmonary hypertension.**
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- XLV. **Midterm Results of Implantable Cardioverter Defibrillators in Children and Young Adults from a Single Center in Turkey.**
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- XLVI. **Subcutaneous defibrillator implantation in pediatric patients.**
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- XLVII. **Is transesophageal electrophysiologic study valuable in children with successful radiofrequency ablation of supraventricular tachycardia on follow-up for recurrence?**
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- XLVIII. **A rare complication of radiofrequency ablation: skin burn**
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- XLIX. **Comparison of Transesophageal and Intracardiac Electrophysiologic Studies for the Diagnosis of Childhood Supraventricular Tachycardias.**
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- L. **Electrical storm in an adolescent with arrhythmogenic right ventricle cardiomyopathy treated with cardiac transplantation**
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- LI. **Ailevi Hiperkolesterolemili Hastaların Mutasyon Analiz Sonuçlarının Simone-Broome Kriterleriyle Değerlendirilmesi**
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- LII. **Interventional cardiac catheterization in infants weighing less than 2500 g.**
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- LIII. **Serum Bcl-2 Values in Children with Pulmonary Hypertension**
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- LIV. **Tularemia in Children, Turkey, September 2009 November 2012**
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- LV. **A new approach to an old hypothesis; phototherapy does not affect ductal patency via PGE(2) and PGI(2)**
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- LVI. **NRG (TM) RF powered transeptal needle: a useful technique for transcatheter atrial septostomy**

and Fontan fenestration: report of three cases

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- LVII. **Results of radiofrequency ablation in children with tachycardia-induced cardiomyopathy**
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- LVIII. **Transcatheter closure of antegrade pulmonary blood flow with Amplatzer muscular VSD occluder after Fontan operation**
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- LIX. **Sensitivity of Transesophageal Electrophysiologic Study in Children with Supraventricular Tachycardia on Electrocardiography**
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- LX. **Antegrade balloon valvuloplasty for critical aortic stenosis in a premature neonate weighing 1100 g**
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- LXI. **The Efficacy of Amiodarone-Propranolol Combination for the Management of Childhood Arrhythmias**
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- LXIII. **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. **Evaluation of pediatric patients with palpitations via cardiac event recorder, Holter monitoring and transesophageal electrophysiologic study in detecting arrhythmia**
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- II. **Cardiological Findings of Babies Born to Mothers with Connective Tissue Disease**
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- III. **Pediatric cardiology consultation at long-term video EEG monitoring**
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- IV. **Comparison of Perfusion Index and Echocardiographic Parameters in Preterm Infants with Hemodynamically Significant Patent Ductus Arteriosus**
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- V. **Cardiomyopathy in patients with type 1 tyrosinemia, and the effect of nitisinone treatment on cardiomyopathy**
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