

## Asst. Prof. EVİÇ ZEYNEP AKGÜN

### Personal Information

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### International Researcher IDs

ORCID: 0000-0003-1983-8465

Yoksis Researcher ID: 287466

### Education Information

Post Doctorate of Medicine, Çocuk Kardiyoloji Kliniği, Turkey 2013 - 2016

Expertise In Medicine, Kocaeli University, Tıp Fakültesi, Dahili Tıp Bilimleri, Turkey 2006 - 2011

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

### Foreign Languages

English, B2 Upper Intermediate

### Research Areas

Health Sciences

### Academic Titles / Tasks

Assistant Professor, Kocaeli University, Tıp Fakültesi, Dahili Tıp Bilimleri, 2019 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Mortality risk factors among critically ill children with MIS-C in PICUs: a multicenter study**  
Sık G., Inamlık A., Akçay N., KESİCİ S., AYGÜN F., KENDİRLİ T., Atay G., Sandal O., Varol F., Ozkaya P. Y., et al.  
Pediatric Research, vol.94, no.2, pp.730-737, 2023 (SCI-Expanded)
- II. **Evaluation of clinical features and outcome of eight fetuses with ectopia cordis; A study from a fetal cardiology center**  
Akgün E. Z., Doğan Y., Kayabey O., Babaoğlu A.  
CONGENITAL ANOMALIES, vol.63, no.3, pp.66-73, 2023 (SCI-Expanded)
- III. **Quantitative analysis of preclinical ocular microvascular changes in Multisystemic Inflammatory Syndrome in Children (MIS-C) detected by optical coherence tomography angiography**  
Yılmaz Tuğan B., Sönmez H. E., Atay K., Başar E. Z., Özkan B., Karabaş L.  
EYE, vol.37, no.3, pp.566-573, 2023 (SCI-Expanded)
- IV. **Prenatal Diagnosis of the Right Aortic Arch: Change in Detection Rate, the Status of Associated**

- Anomalies, and Perinatal Outcomes in 137 Fetuses**  
 Babaoglu A., Doğan Y., Akgün E. Z., Uzun O.  
*PEDIATRIC CARDIOLOGY*, vol.43, no.8, pp.1888-1897, 2022 (SCI-Expanded)
- V. Is strain echocardiography a more sensitive indicator of myocardial involvement in patients with multisystem inflammatory syndrome in children (MIS-C) associated with SARS-CoV-2?**  
 Akgün E. Z., Usta E., Akgun G., Güngör H. S., Sönmez H. E., Babaoglu A.  
*CARDIOLOGY IN THE YOUNG*, vol.32, no.10, pp.1657-1667, 2022 (SCI-Expanded)
- VI. Rare association of absent pulmonary valve syndrome, complete atrioventricular canal defect, double outlet right ventricle, right aortic arch, and aberrant right subclavian artery in a fetal case**  
 Akgün E. Z., Doğan Y., Sasmazel A., Babaoglu A.  
*ECHOCARDIOGRAPHY-A JOURNAL OF CARDIOVASCULAR ULTRASOUND AND ALLIED TECHNIQUES*, vol.39, no.10, pp.1359-1362, 2022 (SCI-Expanded)
- VII. Prenatal Diagnosis, Associations and Outcome for Fetuses with Congenital Absence of the Pulmonary Valve Syndrome**  
 Babaoglu K., Doğan Y., Erdem S., Özbarlas N., Akgün E. Z., Uzun O.  
*Anatolian Journal of Cardiology*, vol.26, no.9, pp.702-709, 2022 (SCI-Expanded)
- VIII. Prenatal diagnosis of hepatic interruption of the inferior vena cava with azygos/hemiazygos continuation without structural heart defects: A case series**  
 BABAOĞLU A., DOĞAN Y., AKGÜN E. Z., USTA E.  
*JOURNAL OF CLINICAL ULTRASOUND*, vol.50, no.6, pp.795-802, 2022 (SCI-Expanded)
- IX. CXCL10/IP10 as a Biomarker Linking Multisystem Inflammatory Syndrome and Left Ventricular Dysfunction in Children with SARS-CoV-2**  
 Başar E. Z., Sönmez H. E., Uzuner H., Karadenizli A., Güngör H. S., Akgün G., Yetimakman A. F., Öncel S., Babaoglu K.  
*JOURNAL OF CLINICAL MEDICINE*, vol.11, no.5, 2022 (SCI-Expanded)
- X. Myopericarditis in children and adolescent: is the elevated troponin and chest pain as alarming as we thought?**  
 AKGÜN E. Z., Borakay D., AKALIN F.  
*CARDIOLOGY IN THE YOUNG*, vol.32, no.3, pp.420-424, 2022 (SCI-Expanded)
- XI. The Multifaceted Presentation of the Multisystem Inflammatory Syndrome in Children: Data from a Cluster Analysis**  
 SÖNMEZ H. E., Caglayan S., Yener G. O., AKGÜN E. Z., Ulu K., Cakan M., Guliyeva V., Baglan E., Ozturk K., DEMİRKOL D., et al.  
*JOURNAL OF CLINICAL MEDICINE*, vol.11, no.6, 2022 (SCI-Expanded)
- XII. A prenatal diagnosis of unusual aortopulmonary communication: tubular aortopulmonary window**  
 Babaoglu K., Başar E. Z., Türköz R.  
*CARDIOLOGY IN THE YOUNG*, vol.31, no.8, pp.1327-1329, 2021 (SCI-Expanded)
- XIII. Myeloid sarcoma of the heart: Extramedullary relapse of acute myeloblastic leukemia, presenting with complete heart block and atrial flutter after second allogeneic stem cell transplantation**  
 Babaoglu K., Azizoğlu M., Basar E. Z., Zengin E., Usta E., Sarper N.  
*ECHOCARDIOGRAPHY-A JOURNAL OF CARDIOVASCULAR ULTRASOUND AND ALLIED TECHNIQUES*, vol.38, no.6, pp.1084-1088, 2021 (SCI-Expanded)
- XIV. Subclinical anthracycline-induced cardiotoxicity in long-term follow-up of asymptomatic childhood cancer survivors: Assessment by speckle tracking echocardiography**  
 Cetin S., Babaoglu K., Basar E. Z., Deveci M., Corapcioglu F.  
*ECHOCARDIOGRAPHY-A JOURNAL OF CARDIOVASCULAR ULTRASOUND AND ALLIED TECHNIQUES*, vol.35, no.2, pp.234-240, 2018 (SCI-Expanded)
- XV. Initial Experience with the Nit-Occlud ASD-R: Short-Term Results.**  
 Bulut M., Yucel I., Kucuk M., Balli S., Basar E. Z., Celebi A.  
*Pediatric cardiology*, vol.37, pp.1258-65, 2016 (SCI-Expanded)
- XVI. Are cardiac Magnetic Resonance Imaging and Radionuclide Ventriculography Good Options Against Echocardiography for Evaluation of Anthracycline Induced Chronic Cardiotoxicity in Childhood**

### **Cancer Survivors?**

Basar E. Z., Çorapçıoğlu F., Babaoglu K., Anık Y., Daglioğlu G., Dedeoğlu R.

PEDIATRIC HEMATOLOGY AND ONCOLOGY, vol.31, no.3, pp.237-252, 2014 (SCI-Expanded)

- XVII. **Recombinant human erythropoietin beta therapy: an effective strategy to reduce transfusion requirement in children receiving anticancer treatment.**

Corapcioglu F., Aksu G., Basar E. Z., Demirel A., Oncel S., Mutlu A.

Pediatric hematology and oncology, vol.25, no.6, pp.509-21, 2008 (SCI-Expanded)

- XVIII. **Granulomatous reaction in mediastinal B-cell non-Hodgkin lymphoma and intracardiac thrombosis.**

Corapcioglu F., Basar E. Z., Demirel A., Inan N., Babaoglu K., Karakurt H., Kus E., Aksu G.

Pediatric hematology and oncology, vol.25, pp.217-26, 2008 (SCI-Expanded)

- XIX. **Posttraumatic stress disorder and risk factors in parents of children with a cancer diagnosis.**

Yalug I., Corapcioglu F., Fayda M., Aksu G., Basar E. Z., Yalug K., Aker T.

Pediatric hematology and oncology, vol.25, pp.27-38, 2008 (SCI-Expanded)

- XX. **Posttraumatic stress disorder and risk factors in parents of children with a cancer diagnosis**

Corapcioqlu F., Corapcioglu F., Yalug I., Fayda M., Aksu G., Basar E. Z.

PEDIATRIC BLOOD & CANCER, vol.49, no.4, pp.543, 2007 (SCI-Expanded)

- XXI. **Diagnostic delay in Turkish children with pediatric tumors**

Corapcioglu F., Corapcioglu F., Fayda M., Aksu G., Karatas S., Basar E. Z., Harputluoglu F.

PEDIATRIC BLOOD & CANCER, vol.49, no.4, pp.479-480, 2007 (SCI-Expanded)

### **Articles Published in Other Journals**

- I. **The Attitudes of the Patients with the Multisystem Inflammatory Syndrome in Children Secondary to SARS-CoV-2 Regarding COVID-19 Vaccines**

AKGÜN E. Z., AYDIN D., SÖNMEZ H. E., BABAOĞLU A.

Online Türk Sağlık Bilimleri Dergisi, vol.3, no.7, pp.468-472, 2022 (Peer-Reviewed Journal)

- II. **Short Versus Long Head-up Tilt Test Protocols to Evaluate Vasovagal Syncope in Children**

DEVECİ M., KAYABEY ÇOLAK Ö., AKGÜN E. Z., BABAOĞLU A.

Kocaeli Tıp Dergisi, vol.11, no.1, pp.93-110, 2022 (Peer-Reviewed Journal)

- III. **The Role of Insulin Sensitivity and Body Mass Index on Orthostatic Intolerance**

AKGÜN E. Z., KARAAYAN D., AKGÜN G., BABAOĞLU A.

Kocaeli Üniversitesi Sağlık Bilimleri Dergisi, vol.8, no.2, pp.149-155, 2022 (Peer-Reviewed Journal)

- IV. **May HDL Cholesterol Level Have a Role in The Diagnosis of Kawasaki Disease?**

AKGÜN G., AKGÜN E. Z., UÇAK K., Usta E., KAYABEY ÇOLAK Ö., BABAOĞLU A.

GUNCEL PEDIATRI, vol.20, no.2, pp.133-140, 2022 (ESCI)

- V. **Evaluation of Early Repolarization Pattern in Male Teenage Competitive Athletes and Association With Left Ventricular Remodeling**

Cetin S., Akgün E. Z., Babaoglu K.

TURKISH ARCHIVES OF PEDIATRICS, vol.56, no.5, pp.485-491, 2021 (ESCI)

- VI. **Multisystemic inflammatory syndrome in children associated with COVID-19: a single center experience in Turkey**

Basar E. Z., SÖNMEZ H. E., ÖNCEL S., YETİMAKMAN A. F., Babaoglu K.

TURKISH ARCHIVES OF PEDIATRICS, vol.56, no.3, pp.192-200, 2021 (ESCI)

- VII. **Çocuklarda COVID-19'a İkincil Gelişen Multisistemik İnflamatuar Sendrom**

AKGÜN E. Z., ÖNCEL S., SÖNMEZ H. E.

Acta Medica Nicomedia, vol.4, no.1, pp.29-34, 2021 (Peer-Reviewed Journal)

- VIII. **Is there myocardial involvement in children with long-term follow- up for Kawasaki disease? A study based on two-dimensional speckle tracking echocardiography**

KAYABEY ÇOLAK Ö., TUNÇER T., DEVECİ M., AKGÜN E. Z., BABAOĞLU A.

TURKISH ARCHIVES OF PEDIATRICS, vol.56, no.1, pp.44-50, 2021 (ESCI)

- IX. **Exercise induced a rare cardiac arrest: A case with catecholaminergic polymorphic ventricular tachycardia**  
 BALLI Ş., AKGÜN E. Z., Bulut M. O., Akgün G., Yücel İ. K., YILMAZ E. H., ÖNER T., Çelebi A.  
 IZMIR DR BEHCET UZ COCUK HASTANESİ DERGİSİ, vol.7, pp.65-68, 2017 (ESCI)
- X. **A Case With a Rare Supraventricular Tachycardiamyopathy in Neonatal Period**  
 BALLI Ş., AKGÜN E. Z., Akgün G., Yücel İ. K., Bulut M. O.  
 Journal of Dr Behcet Uz Children s Hospital, 2016 (Peer-Reviewed Journal)
- XI. **The comparison of the preventive effects of filgrastim and lenograstim in pediatric cancer patients treated with chemotherapy and radiotherapy**  
 AKSU M. G., Corapcioglu F., Fayda M., Basar E. Z., Mutlu A., Ince Z.  
 TURK ONKOLOJİ DERGİSİ-TURKISH JOURNAL OF ONCOLOGY, vol.22, no.2, pp.63-68, 2007 (ESCI)

## Books & Book Chapters

- I. **Çocuklarda kalp yetersizliğinin ayırcı tanısı**  
 Akgün E. Z., Babaoğlu A.  
 in: Pediatrik Kalp Yetersizliği, Selmin Karademir, Mehmet Emre Arı, Editor, Türkiye Klinikleri Yayınevi, Ankara, pp.39-42, 2022
- II. **FETAL PATOLOJİLER**  
 Babaoğlu A., Akgün E. Z.  
 in: TÜRKİYE KLİNİKLERİ, NAZMİ NARİN, Editor, Türkiye Klinikleri Yayınevi, İstanbul, pp.24-32, 2020

## Refereed Congress / Symposium Publications in Proceedings

- I. **Esansiyel hipertansiyonlu çocuk ve ergenlerde endotel hasarının invaziv olmayan yöntemlerle değerlendirilmesi**  
 DOĞAN K., AKGÜN E. Z., AYTAÇ M. B., ŞAHİN N., BAYRAK Y. E., BEK K., BABAOĞLU A., SÖNMEZ H. E.  
 58. Türk Pediatri Kongresi, Girne, Cyprus (Kktc), 9 - 13 May 2023, pp.203-204
- II. **Esansiyel hipertansiyonlu hastaların kapileroskopik incelenmesi**  
 DOĞAN K., AKGÜN E. Z., AYTAÇ M. B., ŞAHİN N., BAYRAK Y. E., BEK K., BABAOĞLU A., SÖNMEZ H. E.  
 7. Çocuk Romatoloji Kongresi, Antalya, Turkey, 15 - 18 March 2023, pp.256
- III. **Behçet hastalarında erken aterosklerozun değerlendirilmesi: Ön sonuçlar**  
 AKGÜN G., SÖZERİ B., AKGÜN E. Z., ŞAHİN N., BAYRAK Y. E., DOĞAN M., Coşkuner T., ÖNER T., SÖNMEZ H. E., KARACAN M., et al.  
 7. Çocuk Romatoloji Kongresi, Antalya, Turkey, 15 - 18 March 2023, pp.125
- IV. **Juvenile dermatomyozitli hastalarda miyokardiyal tutulumun kardiyak MR ile değerlendirilmesi: Ön sonuçlar**  
 AKGÜN G., AKGÜN E. Z., ŞAHİN N., BAYRAK Y. E., GÜNGÖR H. S., DOĞAN M., SÖNMEZ H. E., BABAOĞLU A.  
 7. Çocuk Romatoloji Kongresi, Antalya, Turkey, 15 - 18 March 2023
- V. **KARDİYOLOJİ KURSU**  
 AKGÜN E. Z.  
 6. Marmara pediatri kongresi, İstanbul, Turkey, 21 February 2019
- VI. **Post-traumatic stress disorder and risk factors in parents of children with the diagnosis of cancer**  
 Aksu G., Yalug I., Corapcioglu F., Fayda M., Basar E. Z., Yalug K., Aker T.  
 14th European Cancer Conference (ECCO 14), Barcelona, Spain, 23 - 27 September 2007, vol.5, pp.182

## Supported Projects

AKGÜN E. Z., ÖNCEL S., KARADENİZLİ A., BABAOĞLU A., GÜNGÖR H. S., UZUNER H., SÖNMEZ H. E., Project Supported by Higher Education Institutions, Çocuklarda SarsCov2 ilişkili multisistem inflamatuar sendrom etyolojisinde İnterlökin 6 ve İnterferon gamma induced protein 10nun rolünün değerlendirilmesi, 2021 - 2022

## Metrics

Publication: 40

Citation (WoS): 107

Citation (Scopus): 113

H-Index (WoS): 6

H-Index (Scopus): 6

## Non Academic Experience

İSTANBUL SAĞLIK BAKANLIĞI-MARMARA ÜNİVERSİTESİ PENDİK EĞİTİM VE ARAŞTIRMA HASTANESİ