

## Asst. Prof. AYŞE ÇOLAK

### Personal Information

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Yoksis Researcher ID: 326419

### Foreign Languages

English, C1 Advanced

### Research Areas

Health Sciences

### Courses

Solunum Dolaşım Bloğu Göğüs Ağrısı Taskı Task Tartışması, Undergraduate, 2022 - 2023, 2021 - 2022

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

- I. **Multiparametric assessment of right ventricular function in heart transplant recipients by echocardiography and relations with pulmonary hemodynamics**  
ÇOLAK A., ERDEMİR A. G., HAZIROLAN T., Pirat B., Eroglu S., Aydinalp A., Muderrisoğlu H., Sade L. E.  
Echocardiography, vol.40, no.12, pp.1350-1355, 2023 (SCI-Expanded)
- II. **Does arterial stiffness predict mortality in patients with scleroderma: a long-term follow-up study.**  
Çolak A., Özpelit M. E., Birlik M., Özpelit E.  
European review for medical and pharmacological sciences, vol.27, no.13, pp.6264-6272, 2023 (SCI-Expanded)
- III. **Approach to optimal assessment of right ventricular remodelling in heart transplant recipients: insights from myocardial work index, T1 mapping, and endomyocardial biopsy.**  
Sade L. E., Colak A., Duzgun S. A., Hazırolan T., Sezgin A., Donal E., Butcher S. C., Özdemir H., Pirat B., Eroglu S., et al.  
European heart journal. Cardiovascular Imaging, 2022 (SCI-Expanded)
- IV. **Left atrial mechanics for secondary prevention from embolic stroke of undetermined source.**  
Sade L. E., Keskin S., Can U., Çolak A., Yüce D., Çiftçi O., Özın B., Müderrisoğlu H.  
European heart journal. Cardiovascular Imaging, vol.23, no.3, pp.381-391, 2022 (SCI-Expanded)
- V. **Longitudinal Strain and Strain Rate for Estimating Left Ventricular Filling Pressure in Heart Transplant Recipients**  
ÇOLAK A., Muderrisoğlu H., Pirat B., Eroglu S., Aydinalp A., Sezgin A., Sade L. E.  
AMERICAN JOURNAL OF CARDIOLOGY, vol.137, pp.63-70, 2020 (SCI-Expanded)
- VI. **Pulmonary Artery Distensibility is Worsened in Obstructive Sleep Apnea Syndrome**  
Karacaglar E., Bal U., Eroglu S., ÇOLAK A., Bozbas S., Muderrisoğlu H.

ACTA CARDIOLOGICA SINICA, vol.35, no.5, pp.501-507, 2019 (SCI-Expanded)

- VII. **Analysis of geographical variations in the epidemiology and management of non-valvular atrial fibrillation: results from the RAMSES registry.**  
Doğan V., Başaran Ö., Biteker M., Özpamuk Karadeniz F., Tekkesin A. İ., Çakıllı Y., Türkkkan C., Hamidi M., Demir V., Gürsoy M. O., et al.  
Anatolian journal of cardiology, vol.18, no.4, pp.273-280, 2017 (SCI-Expanded)
- VIII. **Real-world stroke prevention strategies in nonvalvular atrial fibrillation in patients with renal impairment.**  
Mert K. U., Mert G. Ö., Başaran Ö., Beton O., Dogan V., Tekinalp M., Aykan A. Ç., Kalaycıoğlu E., Bolat I., Taşar O., et al.  
European journal of clinical investigation, vol.47, no.6, pp.428-438, 2017 (SCI-Expanded)
- IX. **Guideline-adherent therapy for stroke prevention in atrial fibrillation in different health care settings: Results from RAMSES study.**  
Başaran Ö., Dogan V., Biteker M., Karadeniz F. Ö., Tekkesin A. İ., Çakıllı Y., Türkkkan C., Hamidi M., Demir V., Gürsoy M. O., et al.  
European journal of internal medicine, vol.40, pp.50-55, 2017 (SCI-Expanded)
- X. **Impact of valvular heart disease on oral anticoagulant therapy in non-valvular atrial fibrillation: results from the RAMSES study.**  
Başaran Ö., Dogan V., Beton O., Tekinalp M., Aykan A. Ç., Kalaycıoğlu E., Bolat I., Taşar O., Şafak Ö., Kalçık M., et al.  
Journal of thrombosis and thrombolysis, vol.43, no.2, pp.157-165, 2017 (SCI-Expanded)
- XI. **Mitral Patient-Prosthesis Mismatch Predicts Suboptimal Hemodynamic Recovery after Mitral Valve Replacement.**  
Ozyalcin S., Vural K. M., Colak A.  
The Journal of heart valve disease, vol.25, no.5, pp.589-595, 2016 (SCI-Expanded)
- XII. **Intracoronary epinephrine in the treatment of refractory no-reflow after primary percutaneous coronary intervention: a retrospective study**  
Aksu T., Guler T. E., ÇOLAK A., Baysal E., Durukan M., Sen T., Guray U.  
BMC CARDIOVASCULAR DISORDERS, vol.15, 2015 (SCI-Expanded)
- XIII. **Augmentation of vessel narrowing by nitroglycerine in a case with myocardial bridge**  
Durukan M., Aksu T., ÇOLAK A., Guray U.  
ANADOLU KARDIOLOJİ DERGİSİ-THE ANATOLIAN JOURNAL OF CARDIOLOGY, vol.11, no.5, pp.464-466, 2011 (SCI-Expanded)
- XIV. **Coronary artery ectasia: its frequency and relationship with atherosclerotic risk factors in patients undergoing cardiac catheterization**  
Aksu T., Uygur B., Kosar M. D., Guray U., Arat N., Korkmaz S., ÇOLAK A.  
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.11, no.4, pp.280-284, 2011 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Postpartum Dönemde Tanı Konulan Kalıtsal Pulmoner Arteriyel Hipertansiyon: Bir Olgu Sunumu ve Literatür Taraması Heritable Pulmonary Arterial Hypertension Diagnosed during the Postpartum Period: A Case Report and Literature Review**  
ÇOLAK A., KUMRAL Z., ÖZPELİT E., AKDENİZ B.  
Turk Kardiyoloji Dernegi arsivi : Turk Kardiyoloji Derneginin yayin organidir, vol.51, no.7, pp.498-501, 2023 (Scopus)
- II. **Gender Differences in Periprocedural and Long-term Outcomes in Patients with Hypertrophic Cardiomyopathy Treated with Alcohol Septal Ablation Therapy: A Single Center Retrospective Study**  
Çolak A., Başkurt A. A., Kumral Z., Dursun H., Özpelit E., Akdeniz B., Barış N., Badak Ö., Göldeli Ö.  
International Journal of Cardiovascular Academy, vol.9, no.3, pp.66-73, 2023 (Peer-Reviewed Journal)
- III. **The Usefulness of the TAPSE/sPAP Ratio for Predicting Survival in Medically Treated Chronic Thromboembolic Pulmonary Hypertension**

ÇOLAK A., KUMRAL Z., KIŞ M., ŞENTÜRK B., SEZGİN D., ÖMEROĞLU ŞİMŞEK G., SEVİNÇ C., AKDENİZ B.  
TURK KARDIYOLOJİ DERNEĞİ ARSIVI, vol.51, no.7, pp.1-8, 2023 (ESCI)

- IV. **Cardiac Functions and Peripheral Arterial Stiffness in Patients with Polycystic Ovary Syndrome: A Cross-Sectional Study**  
Çolak A., Özpelit M. E., Okyay R. E., Kumral Z., Özpelit E.  
CYPRUS JOURNAL OF MEDICAL SCIENCES, vol.8, no.4, pp.250-256, 2023 (ESCI)
- V. **Correlation of QRS/T angle with clinical, echocardiographic, and hemodynamic variables in chronic thromboembolic pulmonary hypertension patients**  
Çolak A., Kiş M., Kumral Z., Şentürk B., Sezgin D., Akdeniz B.  
Cardiovascular surgery and interventions, vol.10, no.2, pp.109-117, 2023 (Peer-Reviewed Journal)
- VI. **Relationship Between Fibrinogen Levels and Major Adverse Cardiovascular Events in Patients Undergoing Percutaneous Intervention for Saphenous Vein Graft Stenoses After Coronary Bypass Surgery**  
Duman İ., Colak A., KISACIK H. L.  
Turkish Journal of Clinics and Laboratory, vol.14, no.1, pp.105-110, 2023 (Peer-Reviewed Journal)
- VII. **Effectiveness of statin treatment in reducing red cell distribution width and mean platelet volume in patients with stable coronary artery disease: A retrospective study**  
Çolak A., Akın Y.  
INTERNATIONAL JOURNAL OF CARDIOVASCULAR ACADEMY, vol.8, no.4, pp.110-114, 2022 (Peer-Reviewed Journal)
- VIII. **Electrocardiographic Effects of Cholinesterase Inhibitors in Patients with Alzheimer's Disease**  
ÇOLAK A., ÖZ D.  
Namık Kemal Tıp Dergisi, vol.10, no.4, pp.397-413, 2022 (Peer-Reviewed Journal)
- IX. **Decrease in ST segment elevation myocardial infarction rates in the first and second peak periods of the SARS-CoV-2 pandemic and comparison of these periods – Single center experience**  
EKİN T., ÇOLAK A., ERGENE A. O.  
DEU Tıp Derg, 2021 (Peer-Reviewed Journal)
- X. **Rationale, design and methodology of the RAMSES Study: ReAl-life Multicenter Survey Evaluating Stroke Prevention Strategies.**  
Başaran Ö., Doğan V., Memic Sancar K., Altun İ., Mert K. U., Mert G. Ö., Başaran N. F., Çekiç E. G., Kıрма C., Biteker M., et al.  
Turk Kardiyoloji Dernegi arsivi : Turk Kardiyoloji Derneginin yayin organidir, vol.44, no.3, pp.215-20, 2016 (Scopus)
- XI. **Mean platelet volume and the extent of coronary atherosclerosis in patients with stable coronary artery disease**  
Karan A., Guray Y., Guray U., Demirkan B., Astan R., Baysal E., ÇOLAK A., Ucar F. M., Isleyen A., Kanat S., et al.  
TURK KARDIYOLOJİ DERNEĞİ ARSIVI-ARCHIVES OF THE TURKISH SOCIETY OF CARDIOLOGY, vol.41, no.1, pp.45-51, 2013 (ESCI)
- XII. **Cardiac Involvement in Glycogen Storage Disease Type IV: Two Cases and the Two Ends of a Spectrum**  
Aksu T., ÇOLAK A., Tufekcioglu O.  
CASE REPORTS IN MEDICINE, vol.2012, 2012 (ESCI)
- XIII. **Extraction of a large vegetation and ICD lead using the Evolution Mechanical Dilator Sheath**  
Aksu T., Durukan M., Guray U., ÇOLAK A.  
TURK KARDIYOLOJİ DERNEĞİ ARSIVI-ARCHIVES OF THE TURKISH SOCIETY OF CARDIOLOGY, vol.39, no.5, pp.403-406, 2011 (ESCI)
- XIV. **Acute results of percutaneous mitral balloon valvuloplasty**  
Korkmaz S., Aksu T., Sasmaz H., ÇOLAK A., YILMAZ M. B., Guray Y., Guray U., Demirkan B.  
TURK KARDIYOLOJİ DERNEĞİ ARSIVI-ARCHIVES OF THE TURKISH SOCIETY OF CARDIOLOGY, vol.39, no.2, pp.137-142, 2011 (ESCI)

## Books & Book Chapters

- I. **Stres ve Kalp Hastalıkları**  
Çolak A., Akdeniz B.  
in: Stres Altında Kalp Yapısı : Birleşik Çoklu Stresin Spesifik Bulgusu, FATİH YALÇIN, Editor, Türkiye Klinikleri Yayınevi, İstanbul, pp.1-5, 2022
- II. **ATRİYAL FİBRİLLASYON SEMPTAMATOLOJİSİ VE ATRİYA FİBRİLLASYON İLE İLİŞKİLİ KLİNİK DURUMLAR**  
Çolak A.  
in: TÜM YÖNLERİ İLE AF VE YAKLAŞIMLARI, VEYSEL OKTAY, Editor, Akademisyen Kitabevi, Ankara, pp.17-28, 2022
- III. **Hipertansiyon tedavisinde renin anjiotensin aldosteron blokerleri**  
Çolak A.  
in: Güncel Kardiyak İlaçlar, Yasin Özen, Yücel Kanal, Çağrı Yayla, Editor, Akademisyen Kitabevi, Ankara, pp.17-26, 2022
- IV. **AORT VE PULMONER KAPAK HASTALIKLARI**  
Çolak A.  
in: KARDİYOLOJİ CİLT 1 , SERKAN ÇAY,BAHAR TEKİN TAK,FİRDEVŞ AYŞENUR EKİZLER, Editor, Akademisyen Kitabevi, Ankara, pp.91-106, 2019

## Refereed Congress / Symposium Publications in Proceedings

- I. **Toraks BT kullanılarak yapılan pulmoner damar hacim ölçümlerinin pulmoner hipertansiyon tanısına katkısı**  
Sarı O., Yarol R. C., Gezer N. S., Özgen Alpaydın A., Sevinç C., Özpelit E., Akdeniz B., Çolak A.  
TÜKRAD 2023, Antalya, Turkey, 21 - 25 November 2023, pp.0-1
- II. **HEART-C Score: Mortality Predictor in Covid-19 Patients**  
Kumral Z., Cantürk A., Başkurt A. A., Taylan A., Çolak A., Badak Ö.  
39. Ulusal Türk Kardiyoloji Kongresi, Antalya, Turkey, 8 - 12 November 2023, pp.1-3
- III. **PULMONER ARTERİYEL HİPERTANSİYON HASTALARININ DÖRT KATMANLI RİSK DEĞERLENDİRMESİNDE EKOKARDİYOĞRAFİNİN ROLÜ**  
Çolak A., Akdeniz B.  
AKCİĞER DAMAR HASTALIKLARI ARAŞTIRMA DERNEĞİ, Muğla, Turkey, 27 October 2022 - 30 September 2023, pp.25
- IV. **Alzheimer Hastalığı'nın Tedavisinde Kullanılan Asetilkolinesteraz İnhibitörlerinin Elektrokardiyografik Etkileri**  
ÖZ D., ÇOLAK A.  
3. Uluslararası & 7. Ulusal İlaç ve Tedavi Kongresi, Bafra, Cyprus (Kktc), 21 - 25 September 2022, pp.387
- V. **Hipertrofik Kardiyomyopati Olguda Multiple Miyokardiyal Bridge**  
Çakmak Ö., Kumral Z., Adam U.F.Turk A. U., Oktay Ç., Çolak A.  
TGKV Kardiyovasküler Sempozyum 2022, İstanbul, Turkey, 10 - 13 February 2022
- VI. **"A Rare Case Of Cardiac Lymphoma Presenting As Pericardial Effusion And Third Degree AV Blok**  
Ismayılzade R., Alak Ç., Başkurt A. A., Kumral Z., Çakmak Ö., Yavaşlar F., Özkahya M., Vural S., Çolak A., Barış N.  
",International Young Academy of Cardiology E-Congress 2021, Girne, Cyprus (Kktc), 17 - 21 September 2021

## Metrics

Publication: 39

Citation (WoS): 83

Citation (Scopus): 5

H-Index (WoS): 5

H-Index (Scopus): 1

## **Congress and Symposium Activities**

PAH PARKUR KURSU, Panelists, İstanbul, Turkey, 2024

5 .ULUSAL ADHAD KONGRESİ, Invited Speaker, Muğla, Turkey, 2023

MULTİDİSİPLİNER YAKLAŞIMLAR PAH TANI VE TEDAVİ TOPLANTISI, Invited Speaker, İzmir, Turkey, 2023

KARDİYOVASKÜLER AKADEMİZ KONGRESİ, Invited Speaker, Girne, Cyprus (Kktc), 2023

5.pulmoner vasküler Hastalıkları Toplantısı, Invited Speaker, İstanbul, Turkey, 2023

KORONER ARTER İLE SOL VENTRİKÜL ARASINDA MULTİPLE MİKROFÜSTÜLLER, Invited Speaker, Trabzon, Turkey, 2023

3 Aralık 2022 Nadir Hastalıklar Akademisi, Invited Speaker, İzmir, Turkey, 2022

18 uluslararası Kardiyoloji ve kardiyovasküler cerrahide yenilikler kongresi, Invited Speaker, Antalya, Turkey, 2022  
kongre, Invited Speaker, Muğla, Turkey, 2022

güncel kılavuz ışığında tanıdan tedaviye pulmoner arteriyel hipertansiyon, Invited Speaker, İzmir, Turkey, 2022