

## Assoc. Prof. Derya BAYKIZ

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: ABD-7865-2020

Yoksis Researcher ID: 126248

### Education Information

Expertise In Medicine, Istanbul University, Istanbul Medical Faculty, Division Of Medical Sciences , Turkey 2009 - 2014

Undergraduate, Istanbul University, Istanbul Medical Faculty, Turkey 2003 - 2009

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Health&Medicine, EACVI HIT Echo Course, European Association of Cardiovascular Imaging (ESC-EACVI-TKD), 2024

Health&Medicine, PULMONER ARTERYEL HİPERTANSİYON (PAH) EĞİTİMİ KURSU, İstanbul Üniversitesi, 2023

### Dissertations

Doctorate, "İskemik Kalp Hastalığı'nın Tanısında ve Tedavisinin Yönlendirilmesinde Çok Kesitli BT Koroner Anjiyografi İle Konvansiyonel İnvaziv Koroner Anjiyografinin Mukayesesi", İstanbul Üniversitesi, 2013, Istanbul University, Istanbul Medical Faculty, Dahili Tıp Bilimleri/Kardiyoloji, 2013

### Research Areas

Medicine, Health Sciences

### Academic Titles / Tasks

Assistant Professor, Istanbul University, Istanbul Medical Faculty, Division Of Medical Sciences , 2022 - Continues

Lecturer PhD, Istanbul University, Istanbul Medical Faculty, Division Of Medical Sciences , 2019 - 2022

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

- I. **Evaluation of the Effect of Favipiravir on QT Intervals in COVID-19 Patients with and without Diabetes Mellitus**  
Dogan M., BAYKIZ D., Yilmaz I., Kasim F. B. H., Bilir B. E., Bilir B.  
Journal of the College of Physicians and Surgeons Pakistan, vol.34, no.6, pp.659-666, 2024 (SCI-Expanded)
- II. **Assessment of Tp-Te interval in patients with cardiac AL amyloidosis.**  
Tor Y. B., Habibov I., Altinkaynak M., Aydogan M., Baykiz D., Tayfur M., Gonenli M. G., Onur I., Kalayoglu-Besisik S., Saka B., et al.  
Cardiovascular journal of Africa, vol.34, pp.1-5, 2024 (SCI-Expanded)
- III. **Endotrophin and matrix metalloproteinase-2 levels in bicuspid aortic valve and hypertension associated aortopathy and their relationship with strain parameters of the ascending aorta.**  
Baykiz D., Demirtakan Z., Govdeli E., Kaytaz M., Yavuz M. L., Emet S., Elitok A., Ademoglu E., Umman S., Umman B., et al.  
European review for medical and pharmacological sciences, vol.27, no.6, pp.2358-2376, 2023 (SCI-Expanded)
- IV. **Evaluation of depression, anxiety, and stress symptoms and their relationship with subclinical myocardial dysfunction by left ventricular global longitudinal strain in patients who recovered from COVID-19**  
Baykiz D., Polat I., Govdeli E. A., Karaca Özer P., Karaayvaz E. B., Köroğlu S. B., Çatma Y., Medetalibeyoğlu A., Umman B., Tükek T., et al.  
AMERICAN JOURNAL OF THE MEDICAL SCIENCES, vol.365, no.2, pp.130-144, 2023 (SCI-Expanded)
- V. **Galectin-3 as a Novel Biomarker for Predicting Clinical Outcomes in Hospitalized COVID-19 Patients**  
Baykiz D., Emet S., Ayduk-Govdeli E., Kaytaz A. M., Yavuz M., Karaca Özer P., Karaayvaz E. B., Medetalibeyoğlu A., Elitok A., Genç N. S., et al.  
CLINICAL LABORATORY, vol.68, no.12, pp.2483-2495, 2022 (SCI-Expanded)
- VI. **The relation of echo-derived lateral MAPSE to left heart functions and biochemical markers in patients with preserved ejection fraction: Short-term prognostic implications**  
Ozer P., Govdeli E. A., DEMİRTAKAN Z. G., NALBANT A., BAYKIZ D., ORTA H., BAYRAKTAR B. B., BAŞKAN S., UMMAN B., BUĞRA M. Z.  
JOURNAL OF CLINICAL ULTRASOUND, vol.50, no.5, pp.593-600, 2022 (SCI-Expanded)
- VII. **Role of Sodium Levels on Atrial Fibrillation in Heart Failure: Active Player or a Bystander?**  
Akyüz A., Baykiz D., Gür D. Ö., Gökçek S., Efe M. M., Alpsyoy Ş.  
Arquivos brasileiros de cardiologia, vol.118, no.4, pp.712-718, 2022 (SCI-Expanded)
- VIII. **Prognostic value of the C-reactive protein-to-albumin ratio in patients with infective endocarditis**  
Baykiz D., Govdeli E. A., Demirtakan Z. G., Elitok A., Umman B., Bugra Z.  
European Review for Medical and Pharmacological Sciences, vol.26, no.23, pp.8728-8737, 2022 (SCI-Expanded)
- IX. **Role of global longitudinal strain in discriminating variant forms of left ventricular hypertrophy and predicting mortality**  
Ozer P., Govdeli E. A., Engin B., Atici A., Baykiz D., Orta H., Demirtakan Z. G., Emet S., Elitok A., Tayyareci Y., et al.  
Anatolian Journal of Cardiology, vol.25, no.12, pp.863-871, 2021 (SCI-Expanded)
- X. **Evaluation the relationship of left ventricular global longitudinal strain and laboratory parameters in discharged patients with COVID-19: a follow-up study**  
Baykiz D., Govdeli E. A., Ozer P., Karaayvaz E. B., Catma Y., Medetalibeyoglu A., Cagatay A., Umman B., Tukek T., Bugra Z.  
INTERNATIONAL JOURNAL OF CARDIOVASCULAR IMAGING, vol.37, no.8, pp.2451-2464, 2021 (SCI-Expanded)
- XI. **Impairment of right ventricular longitudinal strain associated with severity of pneumonia in patients recovered from COVID-19.**  
Ozer P., Govdeli E. A., Baykiz D., Karaayvaz E. B., Medetalibeyoglu A., Catma Y., Elitok A., Cagatay A., Umman B., Oncul A., et al.  
The international journal of cardiovascular imaging, vol.37, pp.2387-2397, 2021 (SCI-Expanded)
- XII. **Association between integrated backscatter and arrhythmia in patients with ischemic dilated**

## **cardiomyopathy.**

Karaayvaz E. B., Engin B., YALIN K., Ozer P., Baykiz D., Bilge A. K.

Pacing and clinical electrophysiology : PACE, vol.44, pp.1010-1017, 2021 (SCI-Expanded)

- XIII. **Evaluation of mechanical prosthetic valves: the role of three dimensional echocardiography in calculating effective orifice area in obese vs non-obese individuals**  
Gur D. O., Baykiz D., GÜR Ö., ALPSOY Ş., Akyuz A., GÜRKAN S.  
INTERNATIONAL JOURNAL OF CARDIOVASCULAR IMAGING, vol.37, no.1, pp.215-227, 2021 (SCI-Expanded)
- XIV. **Demographics of patients with heart failure who were over 80 years old and were admitted to the cardiology clinics in Turkey**  
GÖK G., ZOGHI M., SİNAN Ü. Y., Kilic S., Tokgozoglu L., Sumerkan M. C., Emren V., Bekar L., Cersit S., Tunc E., et al.  
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.21, no.4, pp.196-205, 2019 (SCI-Expanded)
- XV. **Novel imaging modalities in detection of cardiovascular involvement in ankylosing spondylitis**  
Gur D. O., Ozaltun D. N., Guzel S., Sarifakioglu B., Akyuz A., Alpsoy S., Aycicek O., Baykiz D.  
SCANDINAVIAN CARDIOVASCULAR JOURNAL, vol.52, no.6, pp.320-327, 2018 (SCI-Expanded)
- XVI. **Relationship Among Pulmonary Hypertension, Autoimmunity, Thyroid Hormones and Dyspnea in Patients With Hyperthyroidism**  
Zuhur S. S., Baykiz D., Kara S. P., Sahin E., Kuzu I., Elbuken G.  
AMERICAN JOURNAL OF THE MEDICAL SCIENCES, vol.353, no.4, pp.374-380, 2017 (SCI-Expanded)
- XVII. **Evaluation of SCUBE-1 and sCD40L biomarkers in patients with hypothyroidism due to Hashimoto's thyroiditis: a single-blind, controlled clinical study.**  
Bilir B., Soysal-Atile N., Ekiz Bilir B., Yilmaz I., Bali I., Altintas N., Baykiz D., Aydin M., Guldiken S.  
European review for medical and pharmacological sciences, vol.20, no.3, pp.407-13, 2016 (SCI-Expanded)
- XVIII. **Predictors of functional capacity in younger and elderly chronic heart failure patients: an observational study**  
Polat N., Oz F., Baykiz D., Cizgici A. Y., Altun I., Bugra Z., Umman B., Tufan F., Ofraz H.  
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.13, no.8, pp.778-783, 2013 (SCI-Expanded)
- XIX. **Left main coronary artery compression by a giant pulmonary artery aneurysm associated with large atrial septal defect and severe pulmonary hypertension.**  
OZ F., Emet S., BAYKIZ D., OFLAZ H.  
Anadolu kardiyoloji dergisi : AKD = the Anatolian journal of cardiology, vol.11, 2011 (SCI-Expanded)

## **Articles Published in Other Journals**

- I. **COMPARISON OF URIC ASID HIGH DENSITY LIPOPROTEIN CHOLESTEROL RATIO AND SERUM URIC ASID LEVELS ON CORONARY COLLETERAL CIRCULATION IN PATIENTS WITH CHRONIC TOTAL OCCLUSION**  
BAYKIZ D., DEMİRTAKAN Z. G., GÖVDELİ E. A., EMET S., ELİTOK A.  
Sabiad , vol.6, no.1, pp.1-9, 2023 (Peer-Reviewed Journal)
- II. **REGIONAL INVOLVEMENT IN LEFT VENTRICULAR STRAIN IN PATIENTS RECOVERED FROM COVID-19 PNEUMONIA COVID-19 PNÖMONİSİ GEÇİRMİŞ HASTALARDA SOL VENTRİKÜL STRAİN DEĞERİNİN BÖLGESEL TUTULUMU**  
Karaayvaz E. B., Engin B., Karaca Özer P., Demirtakan Z. G., Ayduk Gövdeli E., Demirtakan T., Baykiz D., Medetalibeyoğlu A.  
Istanbul Tıp Fakültesi Dergisi, vol.86, no.1, pp.7-13, 2023 (Scopus)
- III. **COVID-19'dan iyileşme sonrası tedavi rejimlerine göre biventriküler miyokard geriliminin karşılaştırılması**  
Karaca Özer P., Ayduk Govdeli E., Altınkaynak M., Baykiz D., Arıcı H., Çatma Y., Medetalibeyoğlu A., Karaayvaz E. B.  
CUKUROVA MEDICAL JOURNAL, vol.47, no.3, pp.1005-1014, 2022 (ESCI)
- IV. **Relationship between plasma osmolality and neutrophil/lymphocyte ratio in heart failure with reduced ejection fraction**

BAYKIZ D., AKYÜZ A., ÖZKARAMANLI GÜR D., ALPSOY Ş.

Annals of Medical Research, vol.29, no.8, pp.777-783, 2022 (Peer-Reviewed Journal)

V. **THE DIAGNOSTIC PERFORMANCE OF CORONARY COMPUTED TOMOGRAPHIC ANGIOGRAPHY COMPARED WITH INVASIVE CORONARY ANGIOGRAPHY IN SYMPTOMATIC PATIENTS LONG-TERM PROGNOSTIC IMPLICATIONS**

BAYKIZ D., GOVDEL E. A., DEMIRTAKAN Z. G., KARAAYVAZ E. B., ELITOK A., DURSUN M., ERZENGİN F.

JOURNAL OF ISTANBUL FACULTY OF MEDICINE-ISTANBUL TIP FAKULTESİ DERGİSİ, vol.85, no.3, pp.332-343, 2022 (ESCI)

VI. **Intracardiac masses: Single center experience within 12 years: I-MASS Study**

Bugra Z., Emet S., Umman B., Ozer P., Sezer M., Baykiz D., Atilgan D., Tireli E., Dursun M., Yilmazbayhan D., et al.

AMERICAN HEART JOURNAL PLUS: CARDIOLOGY RESEARCH AND PRACTICE, vol.13, 2022 (ESCI)

VII. **Do we damage nucleus pulposus tissue while treating cerebrovascular ischemic neurological deficits with nimodipine?**

KARAARSLAN N., YILMAZ İ., YAŞAR ŞİRİN D., BAYKIZ D., DEMİRKIRAN A., ATEŞ Ö.

Annals of Medical Research, vol.25, no.2, pp.266-273, 2018 (Peer-Reviewed Journal)

VIII. **The Influence of Warfarin Adherence on Time in Therapeutic Range Among Patients with Mechanical Heart Valves.**

Ozkaramanli Gur D., Baykiz D., Akyuz A., Alpsoy S., Fidan C.

The Journal of heart valve disease, vol.27, no.1, pp.55-64, 2018 (Peer-Reviewed Journal)

IX. **Çok Kesitli Bilgisayarlı Koroner Tomografik Anjiyografi (Multi Slice Computed Tomography Coronary Angiography)**

ERZENGİN F., BAYKIZ D.

Türkiye Klinikleri Kardiyoloji Koroner Anjiyografi Özel Sayısı, vol.7, no.2, pp.90-110, 2014 (Non Peer-Reviewed Journal)

## Books & Book Chapters

I. **Statinlerin Kardiyovasküler ve Santral Sinir Sistemi Üzerine Etkileri**

Baykiz D.

in: Santral Sinir Sistemine Farmakolojik ve Cerrahi Yaklaşımlar, İbrahim Yılmaz, Numan Karaarslan, Duygu Yaşar Şirin, Hanefi Özbek, Editor, Nobel Tıp Kitapevi, Ankara, pp.409-418, 2024

II. **Angina Pektoris Ayırıcı Tanısına Giren Servikal Angina**

BAYKIZ D.

in: Servikal Omurganın Dejeneratif Hastalıkları Tanı ve Tedaviye Ait Güncel Yaklaşımlar, Numan KARAARSLAN, Duygu YAŞAR ŞİRİN, Özkan ÖZGER, Necati KAPLAN, Editor, İkinci Adam Yayınları, İstanbul, pp.99-108, 2022

III. **Koroner Arter Darlığı Olmadan Angina ile Seyreden Durumlar (Mikrovasküler Angina, Vazospastik Angina) ve Özel Durumlar (Kardiyak Özel Durumlar, Non-Kardiyak Özel Durumlar, Cinsiyet, Refrakter Angina) Angina Without Obstructive Coronary Artery Disease (Microvascular Angina, Vasospastic Angina) and Specific Circumstances (Cardiac Specific Circumstances, Non-Cardiac Specific Circumstances, Sex, Refrac**

BAYKIZ D.

in: KRONİK KORONER SENDROMLAR (CHRONIC CORONARY SYNDROMES)- Türkiye Klinikleri Kardiyoloji Özel Konular, KUDAT HASAN, Editor, Türkiye Klinikleri Yayınları, Ankara, pp.56-62, 2021

IV. **Halk Sağlığı ve COVID-19**

Karaca Özer P., Baykiz D., Umman B.

Türkiye Klinikleri Yayınevi, Ankara, 2020

V. **COVID-19'da Ekokardiyografi**

KARACA ÖZER P., BAYKIZ D., UMMAN B.

in: Halk Sağlığı ve COVID-19, PROF.DR. AYŞE EMEL ÖNAL, Editor, Türkiye Klinikleri, Ankara, pp.66-70, 2020

## Refereed Congress / Symposium Publications in Proceedings

- I. **İmplant Edilebilir Kardiyak Cihaz Bulunan Hastalarda Atriyal Yüksek Hız Epizodları ile Kırılabilirlik ve Günlük Yaşam Aktiviteleri Arasındaki İlişkinin İncelenmesi**  
Baykız D., Tonyalı M., Kavak İ., İşlek E., Altınkaynak M., Saka B., Bilge A. K.  
TKD Ulusal Kalp Yetersizliği Toplantısı, İstanbul, Turkey, 24 - 25 May 2024, pp.81-84
- II. **BIOMARKERS OF DYSFUNCTIONAL HDL IN LUPUS NEPHRITIS AND ITS ASSOCIATION WITH SUBCLINICAL ATHEROSCLEROSIS**  
Zaralı S., Cingöz E., Çınar S., Baykız D., Poyanlı A., Bilge A. K., Yalçınkaya Y., Gül A., İnanç M., Artım Esen B.  
The European Alliance of Associations for Rheumatology, EULAR (2024), Vienna, Austria, 12 - 15 June 2024, pp.1829
- III. **PULMONER HİPERTANSİYON OLGULARINDA MASİTENTANIN ETKİNLİĞİNİN DEĞERLENDİRİLMESİ**  
Altan G., Baykız D., Bilge A. K., İnanç M., Bingöl Z., Okumuş N. G.  
5. Ulusal ADHAD kongresi 2023, Muğla, Turkey, 23 - 26 November 2023, pp.37
- IV. **The relationship of H2FPEF score with nocturnal hypertension and clinical outcomes in hypertensive patients**  
BAYKIZ D., TONYALI M., SABIRLI M. K., ISMAYİLOVA F., AYDUK GÖVDELİ E.  
Kardiyovasküler Akademi Kongresi & International Academy of Young Cardiologists, Girne, Cyprus (Kktc), 20 - 24 September 2023
- V. **Assesment of Endothelial Dysfunction in Hereditary Angioedema**  
Atay G. G., Baykız D., Toprak İ. D., Eyice Karabacak D., Bektaş E., Ünal D., Akkor A., Demir S.  
EAACI Congress 2023, Hamburg, Germany, 9 - 11 June 2023, pp.150-151
- VI. **Atypical presentation of cytomegalovirus-associated cryoglobulinemic vasculitis following SARS-CoV-2 infection**  
GÜZEL DİRİM M., BAYKIZ D., YALÇINKAYA Y.  
Abstract proceedings of the best case report contest 2022. Clinical Cases in Internal Medicine: Learning Through Practice (7th McMaster International Review Course in Internal Medicine, September 29–October 1, 2022, Kraków, Poland, hybrid course) (POLISH ARCHIVES OF Internal Medicine), Poland, 29 September - 01 October 2022, vol.132, pp.15-16
- VII. **Aortic graft defect and new aneurysm formation in a case of Marfan Syndrome**  
BAYKIZ D., DEMİRTAKAN Z. G., KARACA ÖZER P., UMMAN B., UMMAN S., BİLGİN F.  
38. Ulusal Kardiyoloji Kongresi, Antalya, Turkey, 10 - 13 November 2022, pp.96-97
- VIII. **CARDİOVASCULAR EFFECTS OF HYPERVOLEMİA İN KİDNEY TRANSPLANT PATİENTS**  
ŞAFAK ÖZTÜRK S., ALPAY N., BAYKIZ D., DİRİM A. B., GARAYEVA N., KARAAVVAZ E. B., YILDIZ A.  
38. ULUSAL NEFROLOJİ KONGRESİ, Girne, Cyprus (Kktc), 13 - 17 October 2021, pp.84
- IX. **Pulmoner hipertansiyonlu sistemik lupus eritematozus ve antifosfolipid sendromu hastalarının özellikleri**  
TORUN E. S., BAYKIZ D., IŞIK A., GÜREL E., KEMİK F., AĞARGÜN B. F., ÇETİN Ç., YALÇINKAYA Y., GÜL A., İNANÇ M., et al.  
XXI. Ulusal Romatoloji Kongresi, Antalya, Turkey, 29 September - 03 October 2021, vol.13, pp.51-52
- X. **Could plasma osmolality change in heart failure be a predictor of thromboembolism?**  
BAYKIZ D., AKYÜZ A., ÖZKARAMANLI GÜR D., ALPSOY Ş.  
34. Uluslararası Katılımlı Türk Kardiyoloji Kongresi (34 th Turkish Cardiology Congress with International Participation), Antalya, Turkey, 20 - 23 October 2018, vol.20, pp.41-42
- XI. **The influence of warfarin adherence on time in therapeutic range among patients with prosthetic heart valves**  
ÖZKARAMANLI GÜR D., BAYKIZ D., ALPSOY Ş., AKYÜZ A., GÜLER N.  
33. Uluslararası Katılımlı Türk Kardiyoloji Kongresi (33rd Turkish Cardiology Congress with International Participation), Antalya, Turkey, 5 - 08 October 2017, vol.18, pp.39-40
- XII. **Is it possible to identify early cardiac dysfunction in obese patients? Evaluation of a novel index: EAS index**

BAYKIZ D., SOYSAL ATİLE N., EKİZ BİLİR B., BİLİR B., BUĞRA M. Z.

32. Uluslararası Katılımlı Türk Kardiyoloji Kongresi (32 nd Turkish Cardiology Congress with International Participation), Antalya, Turkey, 20 - 23 October 2016, vol.16, pp.25-26

**XIII. Impact of overweight and obesity on cardiac diastolic function**

SOYSAL ATİLE N., BAYKIZ D., EKİZ BİLİR B., BİLİR B.

18th European Congress of Endocrinology 2016, Munich, Germany, 28 - 31 May 2016, vol.41, pp.203-204

**XIV. Do vitamin D levels effect atherogenic index of plasma?**

BAYKIZ D., EKİZ BİLİR B., SOYSAL ATİLE N., BİLİR B.

31. Uluslararası Katılımlı Türk Kardiyoloji Kongresi (31st Turkish Cardiology Congress with International Participation), Antalya, Turkey, 22 - 25 October 2015, vol.15, pp.46

**XV. Neutrophil to lymphocyte ratio as an inflammatory marker in obesity**

SOYSAL ATİLE N., EKİZ BİLİR B., BİLİR B., BAYKIZ D., TOPÇU B., AYDIN M.

17th European Congress of Endocrinology 2015, Dublin, Ireland, 16 - 20 May 2015, vol.37, pp.316-317

**XVI. Association of neutrophil to lymphocyte ratio with different glucose metabolism status**

EKİZ BİLİR B., SOYSAL ATİLE N., BİLİR B., TOPÇU B., KARA S. P., BAYKIZ D., AYDIN M.

17th European Congress of Endocrinology 2015, Dublin, Ireland, 16 - 20 May 2015, vol.37, pp.261

**XVII. Isolated pulmonary-valve endocarditis in a patient with Systemic Lupus Erythematosus**

KARACA ÖZER P., EMET S., BAYKIZ D., KARAAVVAZ E. B., ÖNÜR İ., UMMAN B., BUĞRA M. Z.

29. Uluslararası Katılımlı Türk Kardiyoloji Kongresi, Antalya, Turkey, 26 - 29 October 2013, vol.41, pp.66

## Metrics

Publication: 50

Citation (WoS): 54

Citation (Scopus): 75

H-Index (WoS): 4

H-Index (Scopus): 6

## Non Academic Experience

Public Hospital, Tekirdağ İl Sağlık Müdürlüğü, Tekirdağ Devlet Hastanesi, Kardiyoloji Birimi

T.C. SAĞLIK BAKANLIĞI, TEKİRDAĞ İL SAĞLIK MÜDÜRLÜĞÜ, TEKİRDAĞ DEVLET HASTANESİ, KARDİYOLOJİ KLİNİĞİ