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Education Information

Expertise In Medicine, Ataturk University, Tıp Fakültesi, Dahili Tıp Bilimleri, Turkey 2012 - 2017

Undergraduate, Ataturk University, Tıp Fakültesi, Turkey 2004 - 2010

Research Areas

Health Sciences

Academic Titles / Tasks

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

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Fear of falling and associated factors in older adults with heart failure**
ÜNEŞ M., TOSUN TAŞAR P., Karasahin O., BİRDAL O., SEVİNÇ C., ŞAHİN S.
PSYCHIATRIC AND PSYCHOLOGICAL ASPECTS OF CARDIOVASCULAR DISEASES, vol.24, no.2, pp.204-211, 2024 (SCI-Expanded)
- II. **Relation of thumb-palm test with ascending aortic diameter and aortic regurgitation**
Dogan R., Saygi M., BİRDAL O., Gulcu O., Gueler G. B., ŞEKER M. C., Atae M. Y., Guler A., Gokce K., Sen D., et al.
ACTA CARDIOLOGICA, 2024 (SCI-Expanded)
- III. **Naples Prognostic Score and Prediction of Left Ventricular Ejection Fraction in STEMI Patients**
BİRDAL O., Pay L., Aksakal E., Yumurtas A. C., Cinier G., Yucel E., Tanboga I. H., Karagoz A., Oduncu V.
ANGIOLOGY, vol.75, no.1, pp.36-43, 2024 (SCI-Expanded)
- IV. **Serum asprosin levels are increased in patients with periodontitis and ST-segment elevation myocardial infarction and correlated with periodontal parameters: A case-control study**
Sevinç Güllü S. N., Birdal O., Laloğlu E.
JOURNAL OF PERIODONTAL RESEARCH, vol.59, no.2, pp.259-266, 2023 (SCI-Expanded)
- V. **CTRP4 attenuates apoptosis and epithelial-mesenchymal transition markers in podocytes through an AMPK'autophagy-dependent pathway**
Cho W., Oh H., Choi S. W., HASSIBELNABY A. M. A., BİRDAL O., Jeong J. H., Song J., Jung T. W.
Biochemical and Biophysical Research Communications, vol.682, pp.104-110, 2023 (SCI-Expanded)
- VI. **Role of Systemic Immune-Inflammatory Index in Predicting the Development of In-Hospital Malignant Ventricular Arrhythmia in Patients With ST-Elevated Myocardial Infarction**

- Aksakal E., Aksu U., BİRDAL O., Ozturk M., Gulcu O., Kalkan K., Korkmaz A. F., Korucu C., Lazoglu M.
ANGIOLOGY, vol.74, no.9, pp.881-888, 2023 (SCI-Expanded)
- VII. **Prevalence of Fabry Disease in patients with left ventricular hypertrophy in Turkey: Multicenter study (LVH-TR subgroup analysis)**
Güzel T., Çağlar F. N. T., EKİCİ B., KİŞ M., Öztaş S., Öz A., Gök G., Kolak Z., AKŞİT E., Sarica S. A., et al.
International Journal of Cardiovascular Imaging, vol.39, no.6, pp.1143-1155, 2023 (SCI-Expanded)
- VIII. **Arrhythmias Beyond Atrial Fibrillation Detection Using Smartwatches: A Systematic Review**
Pay L., Yumurtas A. C., Satti D. I., Hui J. M. H., Chan J. S. K., Mahalwar G., Lee Y. H. A., Tezen O., BİRDAL O., Inan D., et al.
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.27, no.3, pp.126-131, 2023 (SCI-Expanded)
- IX. **The Relation of Body Mass Index with In-Hospital Mortality in Patients with ST-Segment Elevation Myocardial Infarction**
Saygi M., Uzman O., BİRDAL O., Karagoz A., Yumurtas A. C., Tezen O., Tanboga I. H., Karabay C. Y.
METABOLIC SYNDROME AND RELATED DISORDERS, vol.21, no.2, pp.94-100, 2023 (SCI-Expanded)
- X. **A new marker for the prediction of contrast induced-acute kidney injury following primary percutaneous coronary intervention: logarithm of haemoglobin-albumin product**
Özveren O., Tanalp A. C., Tanboğa İ. H., Karagöz A., Saygi M., BİRDAL O., Türkyılmaz E., Durmuş E., Oduncu V.
Acta Cardiologica, vol.78, no.8, pp.901-909, 2023 (SCI-Expanded)
- XI. **Effect of Aortic Cross-Clamping Time on Development of Postoperative Atrial Fibrillation in Isolated CABG: A Single-Center Prospective Clinical Study**
Dayi H. I., ÇALIK E., BİRDAL O., AYDIN M. E., Borulu F., Yıldız Z., ERKUT B., ÜNLÜ Y.
BRAZILIAN JOURNAL OF CARDIOVASCULAR SURGERY, vol.38, no.4, 2023 (SCI-Expanded)
- XII. **Risk of Venous Thromboembolism with Statins: Evidence Gathered via a Network Meta-analysis**
BİRDAL O., Saygi M., Doğan R., Tezen O., Karagöz A., Tanboğa İ. H.
Balkan Medical Journal, vol.40, no.5, pp.324-332, 2023 (SCI-Expanded)
- XIII. **Serum Albumin to Creatinine Ratio and Short-Term Clinical Outcomes in Patients With ST-Elevation Myocardial Infarction**
Türkyılmaz E., Ozkalayci F., BİRDAL O., Karagoz A., Tanboga I. H., Tanalp A. C., Oduncu V.
ANGIOLOGY, vol.73, no.9, pp.809-817, 2022 (SCI-Expanded)
- XIV. **Nosocomial Valve Endocarditis after Crimean-Congo Hemorrhagic Fever**
Parlak E., Birdal O., Ceviz M.
REVISTA DA SOCIEDADE BRASILEIRA DE MEDICINA TROPICAL, vol.55, 2022 (SCI-Expanded)
- XV. **Unusual case of brucella endocarditis involving the mitral valve**
Parlak E., Çolak A., Birdal O.
REVISTA DA SOCIEDADE BRASILEIRA DE MEDICINA TROPICAL, vol.55, 2022 (SCI-Expanded)
- XVI. **THE EFFECTS OF RENAL INSUFFICIENCY AND AGE ON MORTALITY IN GERIATRIC PATIENTS WITH NON-ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION**
Demir Gundogmus P., Aksakal E., BİRDAL O., Tanboga I. H.
TURKISH JOURNAL OF GERIATRICS-TURK GERIATRI DERGİSİ, vol.24, no.3, pp.303-314, 2021 (SCI-Expanded)
- XVII. **Acute cardiac effects of high dose steroid treatment: A speckle tracking echocardiography study**
Aksakal E., Simsek Z., Aksu U., Birdal O., Ateş E. S., Kalkan K., Gulcu O., Demirelli S., Aksakal E., Tas H.
JOURNAL OF CLINICAL ULTRASOUND, vol.47, no.6, pp.351-355, 2019 (SCI-Expanded)
- XVIII. **Successful retrieval of an embolized port A catheter using loop snare technique**
Koza Y., TAŞ H. G., SIMSEK Z., BIRDAL O.
INTERNATIONAL JOURNAL OF CARDIOLOGY, vol.222, pp.730-731, 2016 (SCI-Expanded)
- XIX. **Efficacy of coronary fractional flow reserve using contrast medium compared to adenosine**
Topcu S., Tanboga I. H., Aksakal E., Aksu U., Gulcu O., BİRDAL O., Arisoy A., Kalayci A., Ulusoy F. R., SEVİMLİ S.
POSTĘPY W KARDIOLOGII INTERWENCYJNEJ, vol.12, no.3, pp.212-216, 2016 (SCI-Expanded)
- XX. **Right Ventricular Strain in Patients with Moderate Heart Failure.**
Koza Y., Birdal O.
Hellenic journal of cardiology : HJC = Hellenike kardiologike epitheorese, vol.56, pp.520-1, 2015 (SCI-Expanded)

- XXI. **Can admission anaemia predict mortality after acute coronary syndrome?**
 KOZA Y., BİRDAL O.
KARDIOLOGIA POLSKA, vol.72, no.10, pp.991-992, 2014 (SCI-Expanded)
- XXII. **Can statins alter coronary plaque morphology assessed by intravascular ultrasound?**
 KOZA Y., TAŞ M. H., Simsek Z., BİRDAL O.
Angiology, vol.65, no.6, pp.551, 2014 (SCI-Expanded)

Articles Published in Other Journals

- I. **Successful Percutaneous Closure of an Aorto-right Ventricular Fistula After Sutureless Aortic Valve Replacement: A Case Report**
 BİRDAL O., PAY L., AKSAKAL E., KANBAY F., KOZA Y., SEVİMLİ S.
TURK KARDİYOLOJİ DERNEĞİ ARSIVİ, 2024 (ESCI)
- II. **Carotid endarterectomy compared with carotid artery stenting for extracranial carotid artery stenosis: a retrospective single-centre study**
 BİRDAL O., ÇALIK E. S., ARSLAN Ü., KOZA Y., KAYA U., ÇOLAK A., TAŞ M. H.
Open Exploration Publishing, vol.2, 2023 (Peer-Reviewed Journal)
- III. **The Relationship Between C-reactive Protein Albumin Ratio and Long-Term Mortality in Patients With Acute Coronary Syndrome**
 BİRDAL O.
CUREUS JOURNAL OF MEDICAL SCIENCE, no.10, 2023 (ESCI)
- IV. **Evaluation of the Relationship Between Diabetic Retinopathy and the Development of Left Atrial Stiffness in Patients with Diabetes Mellitus**
 BİRDAL O., Saygı M., Doğan R., Pay L., Aksakal E., Topaloğlu C., YILDIRIM M., Aksu U.
Eurasian Journal of Medicine, vol.55, no.3, pp.249-253, 2023 (ESCI)
- V. **Cardiac Parameters Better Predict ICU Admission and Short-Term Mortality in Hospitalized Patients With COVID-19**
 Aksakal E., Aydin S. Ş., Aydemir S., Sarac İ., Aydinyilmaz F., Ozmen M., Gulcu O., BİRDAL O., Kalkan K., Ozturk M.
CUREUS JOURNAL OF MEDICAL SCIENCE, no.9, 2023 (ESCI)
- VI. **The relationship between hyperuricemia and atrial fibrillation in patients with heart failure**
 Birdal O., AKSAKAL E., AYDIN S. Ş., SARAC İ., Yumurtas A. Ç., Şeker M. C.
Annals of Medical Research, vol.30, no.8, pp.873-877, 2023 (Peer-Reviewed Journal)
- VII. **Endovascular aortic repair with Cardiatis® multilayer flow modulator in a patient undergone ascending aortic replacement for type I aortic dissection**
 Borulu F., Birdal O., Çalık E., Usta H., Erkut B.
Turkish journal of vascular surgery, vol.32, no.2, 2023 (Scopus)
- VIII. **Cardiac arrhythmias in geriatric patients receiving palliative care support**
 TOSUN TAŞAR P., Karasahin O., BİRDAL O., ALTINKAYA O., ÜNEŞ M., SERİN B. N., SEVİNÇ C., Sahin S.
MEDYCyna PALIATYWNA-PALLIATIVE MEDICINE, no.3, pp.145-154, 2023 (ESCI)
- IX. **A Fatal Case of Acute Thrombotic Occlusion in More Than 3 Epicardial Coronary Arteries Associated with the Yasmin Oral Contraceptive**
 KOZA Y., BİRDAL O., Macit R., Taş H., BAYRAM E.
Journal of Tehran University Heart Center, vol.18, no.3, pp.214-217, 2023 (Scopus)
- X. **Sacubitril/Valsartan Treatment in Heart Failure Increases The Left Ventricular Ejection Fraction: A Bayesian Analysis**
 BİRDAL O., Saygı M., DEMİR GÜNDÖĞMUŞ P., AKSAKAL E., ÖZKALAYCI KAÇAR F.
KOŞUYOLU HEART JOURNAL, vol.25, pp.250-256, 2022 (Peer-Reviewed Journal)
- XI. **The Relationship Between Clinical Outcomes and Calculated Thrombus Burden Before and After Initial Flow in Patients with ST-Segment Elevation Myocardial Infarction**
 BİRDAL O., TOPCU S., TANBOĞA İ. H., KOZA Y., Aksakal E., Gulcu O., KARAKELLEOĞLU Ş., ŞENOCAK H., GÜNDÖĞDU F.

- EURASIAN JOURNAL OF MEDICINE, vol.54, no.2, pp.145-149, 2022 (ESCI)
- XII. A COMPARATIVE ASSESSMENT OF TRANSESOPHAGEAL AND TRANSTHORACIC ECHOCARDIOGRAPHY FOR ANALYSIS OF RIGHT VENTRICULAR DEFORMATION**
DEMİR GÜNDÖĞMUŞ P., KALKAN K., Aksu U., AKSAKAL E., BİRDAL O.
Kırıkkale Üniversitesi Tıp Fakültesi Dergisi, vol.24, no.1, 2022 (Peer-Reviewed Journal)
- XIII. Generalizability and transportability of research findings: Randomized trials vs observational studies**
BİRDAL O., Tanboga I. H.
TÜRK KARDİYOLOJİ DERNEĞİ ARSIVİ-ARCHIVES OF THE TURKISH SOCIETY OF CARDIOLOGY, vol.49, no.8, pp.627-629, 2021 (ESCI)
- XIV. Relationship between Whole Blood Viscosity and Lesion Severity in Coronary Artery Disease**
CEYHUN G., BİRDAL O.
INTERNATIONAL JOURNAL OF ANGIOLOGY, vol.30, no.2, pp.117-121, 2021 (ESCI)
- XV. Surgical management of a left anterior descending Coronary Artery Aneurysm after drug eluting stent implantation.**
Koza Y., Birdal O., Taş H., Hamdard N., Borulu F., Erkut B.
International journal of cardiology. Heart & vasculature, vol.34, pp.100793, 2021 (ESCI)
- XVI. Alveolar Hemorrhage during Abciximab Infusion**
KOZA Y., CEYHUN G., BİRDAL O., TAŞ M. H.
The Journal of Tehran University Heart Center, vol.16, pp.49-50, 2021 (Scopus)
- XVII. Sudden cardiac arrest after late permanent pacemaker implantation in a heart transplant patient**
KOZA Y., BİRDAL O., AYDIN S. Ş., ÖZCANLI F., TAŞ M. H.
Heart, Vessels and Transplantation, vol.0, 2021 (Scopus)
- XVIII. What is the diagnosis?**
BİRDAL O., KOZA Y., ALTINKAYA O., TAŞ M. H.
Journal of Cardiac Arrhythmias, vol.33, 2020 (Peer-Reviewed Journal)
- XIX. Metabolik Sendromlu Hastalarda Fibrinojen/Albümin Oranının Koroner Arter Hastalığı Ciddiyetindeki Öngördürүүлүгү**
CEYHUN G., ÖZTÜRK M., BİRDAL O., TAŞ M. H., ATEŞ E. S., GÜNDÖĞDU F., ATEŞ A.
MN Kardiyoloji, vol.27, no.4, pp.217-223, 2020 (Peer-Reviewed Journal)
- XX. A 26-Year-Old Woman with Worsening Dyspnea: Look Closer, Think Critically**
KOZA Y., BİRDAL O., Pirimogl B., Tas H.
JOURNAL OF CARDIOVASCULAR ECHOGRAPHY, vol.30, no.2, pp.116-118, 2020 (ESCI)
- XXI. The Association between Serum Osmolality and Functional Myocardial Ischemia in Patients With Type-2 Diabetes Mellitus**
GÜLCÜ O., AKSU U., AKSAKAL E., BİRDAL O., KALKAN K., BAYRAM E., TOPCU S., TANBOĞA İ. H.
Archives of Diabetes and Endocrine System, vol.1, pp.3-9, 2018 (Peer-Reviewed Journal)
- XXII. Evaluating the Association Between the Three Different Ejection Fraction Measurement Techniques and Left Ventricle Global Strain**
BAYRAM E., Gulcu O., Aksu U., AKSAKAL E., BİRDAL O., Kalkan K.
EURASIAN JOURNAL OF MEDICINE, vol.50, no.3, pp.173-177, 2018 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. Akut Koroner Sendrom ile Prezente Olan Kawasaki Sendromlu Genç Hasta
BİRDAL O., KOZA Y., TAŞ M. H., ÇİNİER G., OCAK A., KARAKELLEOĞLU Ş.
28. Ulusal Uygulamalı Girişimsel Kardiyoloji Toplantısı, 28 September 2021
- II. Alveolar Hemorrhage Following Abciximab Infusion
KOZA Y., CEYHUN G., BİRDAL O., TAŞ M. H.
36. Uluslararası Katılımlı Türk Kardiyoloji Kongresi, 3 - 06 December 2020

- III. Single center experience in transcatheter aortic valve implantation for 7 years**
KOZA Y., BİRDAL O.
36. Uluslararası Katılımlı Türk Kardiyoloji Kongresi, Turkey, 03 December 2020
- IV. A case of coronary artery aneurysm after drug eluting stent implantation**
KOZA Y., BİRDAL O., TAŞ M. H., BORULU F., ERKUT B.
36. Uluslararası Katılımlı Türk Kardiyoloji Kongresi, 03 December 2020
- V. Myocardial Infarction does not Always Present with Single Culprite Lesion: Two Cases of Simultaneous Multi-vessel Coronary Thrombosis**
KOZA Y., ŞEKER M. C., CEYHUN G., BİRDAL O.
36. Uluslararası Katılımlı Türk Kardiyoloji Kongresi, 3 - 06 December 2020
- VI. A rare cause of coronary ischemia: right coronary artery anomaly**
AKSAKAL E., AKSU U., GÜLCÜ O., KALKAN K., BİRDAL O.
TSC 2020 Digital 27th National Interventional Cardiology Meeting, Turkey, 12 - 15 November 2020
- VII. Transkatalter Aort Kapağı Replasmanı Sırasında Kapağın Asendant Aortaya Sıçraması**
Ceyhun G., Birdal O.
TKD 2020 Dijital 27. Ulusal Uygulamalı Girişimsel Kardiyoloji Toplantısı, 12 - 15 November 2020, pp.372
- VIII. THE RELATIONSHIP BETWEEN ATHEROGENIC INDEXES AND ERECTILE DYSFUNCTION**
Ceyhun G., Erbay G., Birdal O.
International Young Academy of Cardiology E-Congress 2020, 18 - 20 September 2020, pp.97
- IX. A RARE COMPLICATION FOLLOWING PERCUTANEOUS CORONARY INTERVENTION: A BROKEN GUIDEWIRE TIP IN THE RIGHTCORONARY ARTERY**
KOZA Y., AYDIN S. Ş., BİRDAL O., TAŞ M. H.
INTERNATIONAL YOUNG ACADEMY OF CARDIOLOGY E-CONGRESS 2020, 18 September 2020
- X. Kronik Böbrek Yetersizliğinde Uygulanan TAVI nin Fosfor Düzeyi ile İlişkisi**
CEYHUN G., BİRDAL O.
Yapısal Kalp Hastalıkları ve Kardiyoloji Pratiğinde Olgular Sempozyumu, Turkey, 20 February - 01 March 2020
- XI. Monosit/ HDL Oranının Kalsifik Aort Darlığı ile Olan İlişkisi**
BİRDAL O., CEYHUN G.
TKD Klinik Çalışmalar Uygulama ve Eğitim Proje Grubu Toplantısı (STATİSTANBUL 2020), Turkey, 28 - 29 February 2020
- XII. Kronik böbrek yetersizliğinde uygulanan TAVI nin fosfor düzeyi ile ilişkisi**
Ceyhun G., Birdal O.
Yapısal Kalp Hastalıkları ve Kardiyoloji Pratiğinde Olgular Sempozyumu, İzmir, Turkey, 28 February - 01 March 2020, pp.22
- XIII. The effect of CRP to albumin ratio on the success of statin treatment in diabetic patients**
KALKAN K., GÜLCÜ O., AKSAKAL E., BİRDAL O., AKSU U.
35. ULUSLARARASI KATILIMLI TÜRK KARDİYOLOJİ KONGRESİ, Antalya, Turkey, 3 - 05 October 2019
- XIV. AN INVESTIGATION OF THE ASSOCIATION BETWEEN ATHEROGENIC INDEX AND CONTRAST NEPHROPATHY DEVELOPMENT IN PATIENTS WITH CHRONIC RENAL FAILURE**
GÜLCÜ O., KALKAN K., AKSAKAL E., BİRDAL O., AKSU U.
International Young Academy of Cardiology Congress, BAFRA, Cyprus (Kktc), 18 - 22 September 2019
- XV. A RARE CAUSE OF ISCHEMIC STROKE: MOBILE PULMONARY VEIN THROMBUS CAUSED BY LUNG CANCER**
AKSAKAL E., AKSU U., BİRDAL O., GÜLCÜ O., KALKAN K.
International Young Academy of Cardiology Congress, BAFRA, Cyprus (Kktc), 18 - 22 September 2019
- XVI. Farklı bir yaklaşımla yönetilen atipik yerleşimli ventriküler ekstrasistol olgusu**
demir s., BİRDAL O., akgün t.
Uluslararası Katılımlı Aritmi Toplantısı 2019, Turkey, 5 - 07 April 2019
- XVII. Nonstemi hastalarında serum ürik asit düzeylerindeki değişimlerin risk skorlarına etkisinin incelenmesi**
BİRDAL O.

TKD Klinik Çalışmalar Uygulama ve Eğitim Proje Grubu Toplantısı (STATİSTANBUL 2019), Turkey, 15 - 16 February 2019

- XVIII. **Sol ventrikül trombüüsü olan, düşük EF'li ileri aort darlığı hastasında TAVI işlemi**
BİRDAL O.
34. Uluslararası Katılımlı Türk Kardiyoloji Kongresi, Turkey, 20 - 23 October 2018
- XIX. **Comparison between transthoracic and transesophageal echocardiographic parameters in the evaluation of right ventricular functions**
Aksu U., Gulcu O., Aksakal E., KALKAN K., BİRDAL O., Öztürk M., DEMİRELLİ S.
34. Uluslararası Katılımlı Türk Kardiyoloji Kongresi 2018, Turkey, 20 - 23 October 2018
- XX. **Evaluation of the relationship between CK-MB levels and non-cardiac disease**
Gulcu O., Aksu U., Aksakal E., KALKAN K., TOPCU S., BİRDAL O., DEMİRELLİ S.
34. Uluslararası Katılımlı Türk Kardiyoloji Kongresi 2018, Turkey, 20 - 23 October 2018
- XXI. **Efficacy of coronary fractional flow reserve using contrast medium compared to adenosine**
TOPCU S., TANBOĞA İ. H., AKSAKAL E., AKSU U., GÜLCÜ O., BİRDAL O., ARISOY A., KALAYCI A., ULUSOY F. R., SEVİMLİ S.
32ND NATIONAL CARDIOLOGY CONGRESS, Antalya, Turkey, 20 - 23 October 2016
- XXII. **Eisenmenger Syndrome Associated with Infective Endocarditis in Patient with Down Syndrome**
AKSAKAL E., GÜLCÜ O., BİRDAL O., AKSU U., TOPCU S.
12th International Congress of Update in Cardiology and Cardiovascular Surgery, United States Of America, 10 - 13 March 2016
- XXIII. **Carotid artery stenting vs. endarterectomy: do we need more evidence? A meta-analysis plus trial sequential and clinical vs. statistical significance analyses**
Tanboğa I. H., TOPCU S., AKSAKAL E., Gulcu O., BİRDAL O., SEVİMLİ S.
EuroPCR 2016, 17 - 20 May 2016
- XXIV. **Hipersensiviteye eşlik eden göğüs ağrısı: kounis sendromu**
AKBAŞ İ., SARI F. M., KOÇAK A. O., BİRDAL O., UZKESER M.
XII.Uluslararası Acil Tıp Kongresi, 3rd Intercontinental Emergency Medicine Congress, 3rd International Critical Care and Emergency Medicine Congress ANTALYA, 19 - 22 May 2016
- XXV. **Carotid artery stenting versus endarterectomy: Do we need more evidence? A meta-analysis plus trial sequential and clinical vs statistical significance analyses**
TANBOĞA İ. H., TOPCU S., AKSAKAL E., GÜLCÜ O., BİRDAL O., SEVİMLİ S.
EUROPCR 2016, Paris, France, 17 - 20 May 2016
- XXVI. **Double-Outlet Right Ventricle that presented with Tachycardia Attacks.**
TAŞ M. H., ŞİMŞEK Z., KOZA Y., Oğul H., BİRDAL O., Kantarcı A.
10th International Congress of Update in Cardiology and Cardiovascular Surgery, 13 - 16 March 2014
- XXVII. **Double-Outlet Right Ventricle presented with Tachycardia**
TAŞ M. H., ŞİMŞEK Z., KOZA Y., OĞUL H., BİRDAL O.
10th International Congress of Update in Cardiology and Cardiovascular Surgery, 13 - 16 March 2014

Supported Projects

ÇİFTÇİ B., BİRDAL O., COŞKUNÇAY A., YAĞANOĞLU M., Project Supported by Higher Education Institutions, Dijital EKG Cihazı, 2021 - Continues

TOSUN TAŞAR P., ALTINKAYA O., BİRDAL O., SEVİNÇ C., SERİN B. N., Project Supported by Higher Education Institutions, Hospitalize Edilerek Palyatif Bakım Desteği Alan Geriatrik Hastalarda Kardiyak Bulgular, 2022 - 2023

Adıgüzel N., Aksoy M., İnce İ., Çomaklı Ö., Birdal O., Şahin M. H., Kaşali K., Ulaş N., TUBITAK Project, Normal vücut ısısını koruyarak santral sinir sistemi hipotermisi sağlayan cihaz modeli geliştirilmesi, 2021 - 2023

Metrics

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