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Education

Expertise In Medicine, Kadir Has University, Turkey 1998 - 2002

Undergraduate, Erciyes University, Tıp Fakültesi, Tıp Pr., Turkey 1989 - 1995

Supervised Theses

Bilal B., Miyokart iskemisi olan kararlı koroner arter hastalarında lezyon lokalizasyonunun ve iskemik miyokart kitlesi büyüklüğünün aritmi parametreleriyle değerlendirilmesi, Expertise In Medicine, F.ERKAM(Student), 2016

Journal articles indexed in SCI, SSCI, and AHCI

- I. **Evolving Role of Coronary Collaterals in STEMI Outcomes: A Comparative Analysis of Pandemic and Post-Pandemic Phases**
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ANGIOLOGY, 2024 (SCI-Expanded)
- II. **How accurate are manufacturers' recommendations in determining ineligibility for transfemoral transcatheter aortic valve implantation?**
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- III. **Does a longer graft stent prevent cavity-spilling perforation?**
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- IV. **Angio-Seal Used as a Bailout for Incomplete Hemostasis After Dual Perclose ProGlide Deployment in Transcatheter Aortic Valve Implantation**
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- V. **Vascular complications after transcatheter transfemoral aortic valve implantation: Modified sheath-to-femoral artery ratio as a new predictor**
Çakal S., Çakal B., Karaca O., Güler Y., ÖZCAN Ö. U., GÜNEŞ H. M., Yılmaz F. K., Yıldırım A., BOZTOSUN B.
Anatolian Journal of Cardiology, vol.26, no.1, pp.49-56, 2022 (SCI-Expanded)
- VI. **CONTRAST-INDUCED NEPHROPATHY IN COVID 19 PATIENTS UNDERGOING EMERGENCY PERCUTANEOUS CORONARY INTERVENTION**
Demirçelik B., ÖZCAN Ö. U., YAZAR A., SAVUR Ü., Guler Y., HAKGÖR A., BOZTOSUN B.
Acta Medica Mediterranea, vol.38, no.3, pp.1503-1507, 2022 (SCI-Expanded)
- VII. **Long-term results of long segment coronary artery lesions overlapped with novolimus-eluting DESolve scaffold: Disappointment or futuristic?**
İbişoğlu E., Çakal S., Çakal B., GÜNEŞ H. M., Boyraz B., BOZTOSUN B.

Anatolian Journal of Cardiology, vol.25, no.12, pp.912-919, 2021 (SCI-Expanded)

- VIII. **Outcomes of the novolimus-eluting bioresorbable vascular scaffold in real world clinical practice**
Cakal B., Cakal S., Karaca O., Omaygenc M. O., Yilmaz F. K., GÜNEŞ H. M., ÖZCAN Ö. U., İbisoglu E., BOZTOSUN B.
Minerva Cardiology and Angiology, vol.69, no.3, pp.261-268, 2021 (SCI-Expanded)
- IX. **Value of Renal Vascular Doppler Sonography in Cardiorenal Syndrome Type 1**
Çakal B., ÖZCAN Ö. U., Omaygenc M. O., KARACA I. O., Kızılırmak F., GÜNEŞ H. M., BOZTOSUN B.
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- X. **Long-term comparison of everolimus- vs. novolimus-eluting bioresorbable vascular scaffolds in real world patients**
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- XI. **A novel predictor of radial spasm: Arterial stiffness**
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Blood Pressure Monitoring, vol.23, no.5, pp.253-259, 2018 (SCI-Expanded)
- XII. **Effect of cardiac resynchronization therapy on mitral valve geometry: a novel aspect as "reversed mitral remodeling"**
Karaca O., Cakal B., Omaygenc M. O., GÜNEŞ H. M., Kizilirmak F., Cakal S. D., Naki D. D., BARUTÇU İ., BOZTOSUN B., KILIÇASLAN F.
International Journal of Cardiovascular Imaging, vol.34, no.7, pp.1029-1040, 2018 (SCI-Expanded)
- XIII. **Real-life data regarding acute procedural success and 1-year clinical outcome of desolve bioresorbable scaffolds**
GÜNEŞ H. M., Gokdeniz T., KIZILIRMAK YILMAZ F., Demir G. G., GÜLER E., Babur Guler G., Karaca O., Cakal B., Omaygenc M. O., İbişoğlu E., et al.
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- XIV. **Assessment of repolarization abnormalities in baseline electrocardiograms of patients with myocarditis**
GÜNEŞ H. M., Güler G. B., GÜLER E., Demir G. G., Teber M. K., Kizilirmak F., Çakal B., BOZTOSUN B.
Turkish Journal of Medical Sciences, vol.47, no.5, pp.1333-1339, 2017 (SCI-Expanded)
- XV. **Is bioresorbable vascular scaffold acute recoil affected by baseline renal function and scaffold selection?**
GÜNEŞ H. M., Yilmaz F. K., Gokdeniz T., Demir G. G., GÜLER E., Guler G. B., Karaca O., Cakal B., İbişoğlu E., BOZTOSUN B.
International Journal of Cardiology, vol.224, pp.388-393, 2016 (SCI-Expanded)
- XVI. **Native Electrocardiographic QRS Duration after Cardiac Resynchronization Therapy: The Impact on Clinical Outcomes and Prognosis**
Karaca O., Cakal B., Omaygenc M. O., GÜNEŞ H. M., Cakal S. D., Kizilirmak F., Gokdeniz T., BARUTÇU İ., BOZTOSUN B., KILIÇASLAN F.
Journal of Cardiac Failure, vol.22, no.10, pp.772-780, 2016 (SCI-Expanded)
- XVII. **Predicting Ventricular Arrhythmias in Cardiac Resynchronization Therapy: The Impact of Persistent Electrical Dyssynchrony**
Karaca O., GÜNEŞ H. M., Omaygenc M. O., Cakal B., Cakal S. D., Demir G. G., Kizilirmak F., Gokdeniz T., BARUTÇU İ., BOZTOSUN B., et al.
PACE - Pacing and Clinical Electrophysiology, vol.39, no.9, pp.969-977, 2016 (SCI-Expanded)
- XVIII. **Adjusting the QRS Duration by Body Mass Index for Prediction of Response to Cardiac Resynchronization Therapy: Does One QRS Size Fit All?**
Karaca O., Omaygenc M. O., Cakal B., Cakal S. D., GÜNEŞ H. M., Olgun E., Ibisoglu E., SAVUR Ü., Gokdeniz T., BOZTOSUN B., et al.
Annals of Noninvasive Electrocardiology, vol.21, no.5, pp.450-459, 2016 (SCI-Expanded)
- XIX. **QRS prolongation after cardiac resynchronization therapy is a predictor of persistent mechanical dyssynchrony**
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- Journal of Interventional Cardiac Electrophysiology, vol.46, no.2, pp.105-113, 2016 (SCI-Expanded)
- XX. **Assessment of energy expenditure, physical activity and sleep pattern in patients with frequent symptomatic ventricular ectopic beats**
Yilmaz F. K., YILDIZ ÖZER A., Demir G. G., Gokdeniz T., GÜNEŞ H. M., Omaygenç M. O., Cakal B., MUTLUAY F., BOZTOSUN B.
Nutrition Clinique et Metabolisme, vol.30, no.2, pp.154-157, 2016 (SCI-Expanded)
- XXI. **Effect of QRS Narrowing After Cardiac Resynchronization Therapy on Functional Mitral Regurgitation in Patients With Systolic Heart Failure**
Karaca O., Omaygenç M. O., Cakal B., Cakal S. D., GÜNEŞ H. M., BARUTÇU İ., BOZTOSUN B., KILIÇASLAN F.
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Articles Published in Other Journals

- I. **Nadir Bir Dunnigan Tipi Ailevi Kısmi Lipodistrofi Olgusunda Erken Ateroskleroz ve İleti Bozukluğu
Early Atherosclerosis and Conduction Defect in a Rare Case of Dunnigan Type Familial Partial Lipodystrophy**
OLGUN F. E., GÜLER E., ÇELEĞEN M. F., DEMİRÇELİK M. B., KILIÇASLAN F., BOZTOSUN B.
Turk Kardiyoloji Dernegi arsivi : Turk Kardiyoloji Derneginin yayin organidir, vol.52, no.2, pp.138-142, 2024 (Scopus)
- II. **Prognostic Implications of Baseline and New-Onset Fragmented QRS Complex in Patients Undergoing Transcatheter Aortic Valve Implantation**
HAKGÖR A., DURSUN A., Akhundova A., KENGER M. Z., SAVUR Ü., DERVİŞ E., ÇELEĞEN M. F., BOZTOSUN B.
Eastern Journal of Medicine, vol.29, no.4, pp.478-486, 2024 (Scopus)
- III. **Percutaneous Treatment of Severe Acute Mitral Regurgitation Early After Myocardial Infarction and a Short Review of the Literature**
Hakgör A., Karaca O., Yazar A., Boztosun B., Ateş İ.
TURK KARDIYOLOJİ DERNEĞİ ARSIVI-ARCHIVES OF THE TURKISH SOCIETY OF CARDIOLOGY, vol.51, no.4, pp.290-293, 2023 (ESCI)
- IV. **Long-term outcomes of Absorb bioresorbable vascular scaffold using predilatation, sizing, and postdilatation protocol in a real-world patient population Predilatasyon, uygun stent çapı, postdilatasyon protokolü ile takılan Absorb eriyebilen vasküler çatinin uzun dönem gerçek yaşam takip sonuçları**
Çakal S., Çakal B., Karaca O., BOZTOSUN B.
Turk Kardiyoloji Dernegi Arsivi, vol.49, no.1, pp.40-50, 2021 (ESCI)
- V. **Safety and Efficacy Outcomes of Bioresorbable Scaffolds in Long Segment Coronary Lesions**
GÜNEŞ H. M., GÖKDENİZ T., KARACA İ. O., DEMİR G. G., KIZILIRMAK F., GÜLER E., BABUR GÜLER G., Omaygenç M. O., SAVUR U., İBİŞOĞLU E., et al.
Koşuyolu Heart Journal, vol.21, no.1, pp.53-60, 2018 (Peer-Reviewed Journal)
- VI. **Relationship between arterial stiffness parameters and the extent and severity of coronary artery disease**
KIZILIRMAK YILMAZ F., Guler G. B., Kaya O., GÜLER E., Demir G. G., GÜNEŞ H. M., OLGUN F. E., BARUTÇU İ., BOZTOSUN B.
Cor et Vasa, vol.59, no.2, 2017 (Scopus)
- VII. **Relationship between serum osteopontin level and atrial fibrillation recurrence in patients undergoing cryoballoon catheter ablation**
GÜNEŞ H. M., GÜLER G. B., GÜLER E., DEMİR G. G., YILMAZ F. K., Omaygenç M. O., İSTANBULLU TOSUN A., AKGÜN T., BOZTOSUN B., KILIÇASLAN F.
Türk Kardiyoloji Derneği Arşivi, vol.45, no.1, pp.26-32, 2017 (Scopus)
- VIII. **Effect of rapid ventricular pacing on cerebral oxygenation in transcatheter aortic valve implantation (Tavi): Role of routine near-infrared spectroscopy monitoring**

KARAASLAN P., Darçın K., Özyüksel A., Kutlu E., Köse E. A., BOZTOSUN B., Akçevin A.
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- IX. **Relationship between serum osteopontin level and atrial fibrillation recurrence in patients undergoing cryoballoon catheter ablation**
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- X. **Huge Pericardial Cyst with Compressing Effects on the Right-Heart Chambers**
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Arch Cardiovasc Imaging, vol.4, no.3, pp.1-3, 2016 (Peer-Reviewed Journal)
- XI. **Predictors of right ventricular systolic dysfunction in Non-Ischemic dilated cardiomyopathy: An echocardiographic study**
Karaca O., Avci A., Güler G. B., Omaygenc O., Cakal B., GÜNEŞ H. M., Alizade E., Esen A. M., BARUTÇU İ., BOZTOSUN B.
International Cardiovascular Research Journal, vol.10, no.1, pp.17-23, 2016 (Scopus)
- XII. **Juxtarenal Aortic Aneurysm Treated with Chimney Technique**
ÇAKAL B., DENİZ ÇAKAL S., KARACA İ. O., OMA YGENÇ M. O., BOZTOSUN B.
Journal of Vascular Medicine & Surgery, vol.3, no.04, 2015 (Peer-Reviewed Journal)
- XIII. **Right arcus aorta and Kommerell diverticulum A rare challenge encountered as a consequence of increased left radial artery interventions**
GÜLER E., BABUR GÜLER G., SARITAŞ T., BOZTOSUN B.
Turk Kardiyol Dern Ars., vol.43, no.5, pp.498, 2015 (Peer-Reviewed Journal)
- XIV. **Endovascular repair of a popliteal artery pseudoaneurysm following total knee arthroplasty**
Karaca O., Akpınar E., Omaygenc O., Cakal B., BOZTOSUN B.
Journal of Clinical and Diagnostic Research, vol.9, no.7, 2015 (Scopus)
- XV. **A giant left main coronary artery aneurysm**
KARACA İ. O., OMA YGENÇ M. O., İBİŞOĞLU E., EROL C., BOZTOSUN B.
Turk Kardiyoloji Dernegi Arsivi-Archives of the Turkish Society of Cardiology, 2015 (Peer-Reviewed Journal)
- XVI. **P-wave dispersion and its relationship to aortic stiffness in patients with acute myocardial infarction after cardiac rehabilitation.**
ACAR R. D., BULUT M., ERGÜN S., YEŞİN M., BOZTOSUN B., AKÇAKOYUN M.
ARYA atherosclerosis, vol.10, no.4, pp.185-91, 2014 (Peer-Reviewed Journal)

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **MULTIPLE COMPLICATIONS DURING TAVI: CORONARY OCCLUSION, BALLOON FRACTURE, FEMORAL ARTERY OCCLUSION**
ÇAKAL B., ÇAKAL S., GÜLER Y., SAVUR Ü., KARACA İ. O., BOZTOSUN B.
The International Academy of Young Cardiologists 2022, Turkey, 16 September 2022, (Summary Text)
- II. **Manufacturer based SFAR-A new criteria for Transfemoral TAVI eligibility**
ÇAKAL S., ÇAKAL B., BOZTOSUN B.
EUROPCR 2021, France, 18 May 2021, (Summary Text)
- III. **Hybrid use of Angio-Seal and ProGlide for transfemoral TAVR**
ÇAKAL B., BOZTOSUN B.
PCR Valves 2020, 22 - 24 November 2020, (Summary Text)
- IV. **Long-Term Comparison of Everolimus- vs. Novolimus-Eluting Bioresorbable Vascular Scaffolds**
ÇAKAL B., ÇAKAL S., BOZTOSUN B.
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- V. **Do Manufacturer's Derived Recommendations Predict Vascular Complications During Transfemoral TAVI Approaches Using Default Proglide Strategy?**
ÇAKAL B., BOZTOSUN B.

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- VI. **Failed mitral ring annuloplasty followed by failed transeptal valve-in-ring procedure : Treating with simultaneous transapical valve-in-valve and paravalvular leak closure 'xx in TVT virtual congress**
YILDIRIM A., ÇAKAL B., ÇAKAL S., KARACA İ. O., GÜNEŞ H. M., ÖZCAN Ö. U., BOZTOSUN B.
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- VII. **Outcomes of the DESolve novolimus-eluting BRS in real-world clinical practice**
ÇAKAL B., BOZTOSUN B., ÇAKAL S., KARACA İ. O., OMA YGENÇ M. O., GÜNEŞ H. M., KIZILIRMAK YILMAZ F., ÖZCAN Ö. U., YILDIRIM A., BARUTÇU İ.
EUROPCR 2020, Paris, France, 19 - 22 May 2020, (Summary Text)
- VIII. **Real-life data regarding acute procedural success and 1-year clinical outcome of desolve bioresorbable scaffolds**
GÜNEŞ H. M., GÖKDENİZ T., KIZILIRMAK YILMAZ F., DEMİR G. G., GÜLER E., BABUR GÜLER G., KARACA İ. O., OMA YGENÇ M. O., İBİŞOĞLU E., BOZTOSUN B.
33. Uluslararası katılımlı TÜRK KARDİYOLOJİ KONGRESİ, Antalya, Turkey, 5 - 08 October 2017
- IX. **Effect of rapid ventricular pacing on cerebral oxygenation in transcatheter aortic valve implantation: role of routine near-infrared spectroscopy monitorization**
KARAASLAN P., DARÇIN K., ÖZYÜKSEL A., KUTLU E., KÖSE E. A., BOZTOSUN B., AKÇEVİN A.
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- X. **Karotis anjiyografi sırasında gelişen akut inme vakasına kardiyolog tarafından başarılı mekanik embolektomi uygulaması**
GÜLER E., BABUR GÜLER G., DEMİR G. G., GÜNEŞ H. M., KHANMAMMADOV E., BOZTOSUN B.
32. Uluslararası katılımlı Türk Kardiyoloji Kongresi, Antalya, Turkey, 20 - 23 October 2016, (Summary Text)
- XI. **Effect of QRS narrowing after cardiac resynchronization therapy on functional mitral regurgitation**
KARACA İ. O., OMA YGENÇ M. O., ÇAKAL B., DENİZ ÇAKAL S., BOZTOSUN B., KILIÇASLAN F.
ESC HEART FAILURE CONGRESS 2016, FLORANSA, Italy, 21 - 24 May 2016
- XII. **The impact of persistent electrical dyssynchrony on predicting ventricular arrhythmias following cardiac resynchronization therapy**
KARACA İ. O., OMA YGENÇ M. O., ÇAKAL B., DENİZ ÇAKAL S., KILIÇASLAN F., BOZTOSUN B.
ESC HEART FAILURE CONGRESS 2016, FLORANSA, Italy, 21 - 24 May 2016
- XIII. **The Relationship between osteopontin and atrial fibrillation recurrence after cryoballoon catheter ablation**
GÜNEŞ H. M., BABUR GÜLER G., GÜLER E., DEMİR G. G., KIZILIRMAK YILMAZ F., AKGÜN T., OMA YGENÇ M. O., BOZTOSUN B., KILIÇARSLAN F.
31. Uluslararası Katılımlı TÜRK KARDİYOLOJİ KONGRESİ, Antalya, Turkey, 22 - 25 October 2015, pp.62, (Summary Text)
- XIV. **Assessment of repolarization abnormalities in admission electrocardiogram of patients with myocarditis**
GÜNEŞ H. M., BABUR GÜLER G., GÜLER E., teber m. k., DEMİR G. G., KIZILIRMAK YILMAZ F., ÇAKAL B., BOZTOSUN B.
31. Uluslararası Katılımlı TÜRK KARDİYOLOJİ KONGRESİ, Antalya, Turkey, 22 - 25 October 2015, pp.99-100, (Summary Text)
- XV. **Sol renal arteri kapsayan abdominal aort anevrizmasının chimney yöntemi ile tedavisi**
ÇAKAL B., ÇAKAL S., KARACA İ. O., OMA YGENÇ M. O., GÜLER E., GÜNEŞ H. M., KIZILIRMAK YILMAZ F., BOZTOSUN B.
31. Uluslararası Katılımlı TÜRK KARDİYOLOJİ KONGRESİ, İstanbul, Turkey, 22 - 25 October 2015, vol.15, pp.7, (Summary Text)
- XVI. **Sol renal arteri kapsayan abdominal aort anevrizmasının chimney yöntemi ile tedavisi**
ÇAKAL B., ÇAKAL S., KARACA İ. O., OMA YGENÇ M. O., GÜLER E., GÜNEŞ H. M., KIZILIRMAK F., BOZTOSUN B.
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