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Education Information

Post Doctorate, Bilecik Seyh Edebali University, Tıp Fakültesi, Dahili Tıp Bilimleri, Turkey 2023 - Continues

Expertise In Medicine, Dicle University, Tıp Fakültesi, Dahili Bilimler, Turkey 2004 - 2009

Undergraduate, Cukurova University, Turkey 1997 - 2003

Certificates, Courses and Trainings

Vocational Training, 10 th Pulmonary Hypertension Academy, Pulmonary Hypertension Academy, 2016

Vocational Course, 04-05 Ekim 2013, The Gren Park Hotel Pendik, İstanbul Periferik Girişim Kursu, Türk Kardiyoloji Derneği, 2013

Vocational Course, Türk Kardiyoloji Derneği Yeterlilik Sınavından yeterlilik belgesi alınmıştır, Türk Kardiyoloji Derneği Yeterlilik Kursu, 2009

Vocational Course, III.İnteraktif EKG Kursu, Türk Kardiyoloji Derneği, 2007

Vocational Course, Kardiyolojide Aciller Kursu, Türk Kardiyoloji Derneği, 2005

Dissertations

Doctorate, Akut dekompanse kronik kalp yetersizliğinde pozitif inotrop tedavinin serum adiponektin düzeyi üzerine etkisi, Dicle University, Tıp Fakültesi, Dahili Bilimler Bölümü, 2009

Research Areas

Health Sciences

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Effect of Hand Dominance on Radial Artery Spasm and Occlusion: A Prospective Observational Study
Toprak K., Inanır M., Memioğlu T., Palice A., KAPLANGÖRAY M., Yesilay A. B., Tascanov M. B., Altıparmak İ. H.,

Demirbağ R.

Angiology, vol.75, no.4, pp.340-348, 2024 (SCI-Expanded)

- II. **The MAPH Score Predicts Coronary Slow Flow. A Retrospective Case-Controlled Study.**
Kaplangeray M., Toprak K., Aydın C., Cekici Y., Yıldırım A., Ozcan Abacioglu O.
Kardiologia, vol.64, no.2, pp.67-72, 2024 (SCI-Expanded)
- III. **Disruption of the endothelial glycocalyx layer is associated with idiopathic complete atrioventricular block in the elderly population: An observational pilot study**
Toprak K., KAPLANGÖRAY M., Özen K., Koyuncu İ., Taşcanov M. B., Altıparmak İ. H., Biçer A., Demirbağ R.
Journal of Investigative Medicine, vol.72, no.2, pp.233-241, 2024 (SCI-Expanded)
- IV. **Comparison of the effect of uric acid/albumin ratio on coronary slow flow with other inflammation-based markers**
Toprak K., Özen K., Memioğlu T., İnanır M., KAPLANGÖRAY M., Akyol S., Tascanov M. B., Biçer A., Demirbağ R.
Biomarkers in Medicine, vol.18, no.1, pp.25-37, 2024 (SCI-Expanded)
- V. **Reply to Letter: HbA1c/C-Peptide Ratio is a Potential Biomarker Used to Predict No-Reflow Phenomenon in Patients With ST-Elevation Myocardial Infarction**
Toprak K., KAPLANGÖRAY M., İnanır M., Dursun A., Tascanov M. B., Altıparmak İ. H., Biçer A., Demirbağ R.
Angiology, 2024 (SCI-Expanded)
- VI. **The non-HDL-C/HDL-C ratio is a strong and independent predictor of the no-reflow phenomenon in patients with ST-elevation myocardial infarction**
Toprak K., KAPLANGÖRAY M., Akyol S., İnanır M., Memioğlu T., Taşcanov M. B., Altıparmak İ. H., Biçer A., Demirbağ R.
Acta Cardiologica, vol.79, no.2, pp.194-205, 2024 (SCI-Expanded)
- VII. **High CRP-albumin ratio is associated high thrombus burden in patients with newly diagnosed STEMI**
KAPLANGÖRAY M., Toprak K., Aslan R., Deveci E., Gunes A., ARDAHANLI İ.
Medicine (United States), vol.102, no.41, 2023 (SCI-Expanded)
- VIII. **Relationship between blood viscosity and thrombus burden in ST-segment elevation myocardial infarction**
KAPLANGÖRAY M., Toprak K., ÇEKİCİ Y., Yıldırım A., Abacioglu O. O.
Clinical Hemorheology and Microcirculation, vol.85, no.1, pp.31-40, 2023 (SCI-Expanded)
- IX. **HbA1c/C-peptide ratio is associated with angiographic thrombus burden and short-term mortality in patients presenting with ST-elevation myocardial infarction**
Toprak K., KAPLANGÖRAY M., Memioğlu T., İnanır M., Omar B., Taşcanov M. B., Biçer A., Demirbağ R.
Blood Coagulation and Fibrinolysis, vol.34, no.6, pp.385-395, 2023 (SCI-Expanded)
- X. **The Relationship Between Nitrate-Induced Headache and -Blood Viscosity: An Observational Prospective Study**
Toprak K., KAPLANGÖRAY M., Memioğlu T., İnanır M., Biçer A., Demirbağ R., Erdoğan H.
Journal of Cardiovascular Pharmacology, vol.82, no.2, pp.162-168, 2023 (SCI-Expanded)
- XI. **Is the predictive value of systemic immune-inflammation index superior to traditional markers in ST-elevation myocardial infarction patients?**
Toprak K., KAPLANGÖRAY M., Memioğlu T., İnanır M.
Coronary Artery Disease, vol.34, no.4, pp.281, 2023 (SCI-Expanded)
- XII. **Can increased intestinal permeability and low-grade endotoxemia be the triggering pathogenesis in isolated coronary artery ectasia?**
Toprak K., KAPLANGÖRAY M., Altıparmak İ. H., Taşcanov M. B., Güngören F., Fedai H., İnanır M., Biçer A., Demirbağ R.
Coronary Artery Disease, vol.34, no.2, pp.102-110, 2023 (SCI-Expanded)
- XIII. **Increased whole blood viscosity is associated with primary idiopathic complete atrioventricular block and poor clinical outcomes in these patients**
Toprak K., KAPLANGÖRAY M., Palice A., İnanır M., Memioğlu T., Kök Z., Altıparmak İ. H., Toprak İ. H., Biçer A., Demirbağ R.
Clinical Hemorheology and Microcirculation, vol.84, no.2, pp.141-151, 2023 (SCI-Expanded)

- XIV. **Relationship between the Fibrinogen/Albumin Ratio and Microvascular Perfusion in Patients Undergoing Primary Percutaneous Coronary Intervention for ST-Elevated Myocardial Infarction: A Prospective Study**
KAPLANGÖRAY M., Toprak K., Cicek O. F., Deveci E.
Arquivos Brasileiros de Cardiologia, vol.120, no.11, 2023 (SCI-Expanded)
- XV. **Investigation of the Relationship Between Triglycerides-Glucose Index and Coronary Slow Flow: A Retrospective Case-Control Study** *Investigação da Relação entre Índice de Triglicerídeos-Glicose e Fluxo Lento Coronariano: Um Estudo Retrospectivo de Caso-Controle*
KAPLANGÖRAY M., Toprak K., Başanalan F., Palice A., Aydın C., Demirkıran A., Cekici Y.
Arquivos Brasileiros de Cardiologia, vol.120, no.6, 2023 (SCI-Expanded)
- XVI. **Comparison of the effect of uric acid/albumin ratio on coronary collateral circulation with other inflammation-based markers in stable coronary artery disease patients**
Toprak K., Yılmaz R., KAPLANGÖRAY M., Memioğlu T., İnanır M., Akyol S., Özen K., Biçer A., Demirbağ R.
Perfusion (United Kingdom), 2023 (SCI-Expanded)
- XVII. **Ectodysplasin A is associated with the presence and severity of coronary artery disease and poor long-term clinical outcome in patients presenting with ST-elevation myocardial infarction**
Toprak K., KAPLANGÖRAY M., Palice A., Taşcanov M. B., Altıparmak İ. H., Biçer A., Demirbağ R.
Acta Clinica Belgica: International Journal of Clinical and Laboratory Medicine, vol.78, no.4, pp.270-279, 2023 (SCI-Expanded)
- XVIII. **Selvester score and myocardial performance index in acute anterior myocardial infarction**
KAPLANGÖRAY M., Aydın C., Toprak K., Cekici Y.
Revista da Associacao Medica Brasileira, vol.69, no.2, pp.325-329, 2023 (SCI-Expanded)
- XIX. **How Effective is the Systemic Inflammatory Immune Index in the Etiopathogenesis of Isolated Coronary Artery Ectasia?**
Toprak K., KAPLANGÖRAY M., İnanır M., Memioğlu T., Dindaş F., Koyun E., Türkyılmaz E., Abacıoğlu O. O., Yıldırım A., Sahin A., et al.
Arquivos Brasileiros de Cardiologia, vol.120, no.7, 2023 (SCI-Expanded)
- XX. **Comparative Evaluation of Intermountain Risk Score With Mehran Risk Score for Risk Estimation of Contrast-Induced Nephropathy and Short-Term Mortality in ST-Segment Elevation Myocardial Infarction Patients**
Toprak K., KAPLANGÖRAY M., Memioğlu T., İnanır M., Ermiş M. F., Toprak İ. H., Acar O., Taşcanov M. B., Biçer A., Demirbağ R.
Angiology, 2023 (SCI-Expanded)
- XXI. **Comparative assessment of the effects of dobutamine and levosimendan on right ventricular ejection fraction in patients with biventricular heart failure**
Kaplanoğlu M., Aydın C.
Kardiologiya, vol.63, no.2, pp.46-51, 2023 (SCI-Expanded)
- XXII. **Serum chromogranin A levels are associated with the SYNTAX score in coronary artery disease**
Çelikkol A., Demirkıran A., Aydın C., Akyüz A., KAPLANGÖRAY M., Yılmaz A., Efe M. M., Güzel S.
Revista da Associacao Medica Brasileira, vol.69, no.4, 2023 (SCI-Expanded)
- XXIII. **Could Zonulin and Presepsin Be Biomarkers and Therapeutic Targets for Acute Myocarditis?**
Toprak K., İnanır M., Memioğlu T., KAPLANGÖRAY M., Palice A., Taşcanov M. B.
Arquivos Brasileiros de Cardiologia, vol.120, no.8, 2023 (SCI-Expanded)
- XXIV. **The HbA1c/C-Peptide Ratio is Associated With the No-Reflow Phenomenon in Patients With ST-Elevation Myocardial Infarction**
Toprak K., KAPLANGÖRAY M., Memioğlu T., İnanır M., Omar B., Ermiş M. F., Toprak İ. H., Acar O., Taşcanov M. B., Altıparmak İ. H., et al.
Angiology, 2023 (SCI-Expanded)
- XXV. **SCUBE1 is associated with thrombotic complications, disease severity, and in-hospital mortality in COVID-19 patients**
Toprak K., KAPLANGÖRAY M., Palice A., Taşcanov M. B., İnanır M., Memioğlu T., Kök Z., Biçer A., Demirbağ R.

Thrombosis Research, vol.220, pp.100-106, 2022 (SCI-Expanded)

- XXVI. **The Impact of C-Peptide and Diabetes Mellitus on Coronary Ectasia and Effect of Coronary Ectasia and C-Peptide on Long-Term Outcomes: A Retrospective Cohort Study**

Toprak K., KAPLANGÖRAY M., Palice A.

International Journal of Clinical Practice, vol.2022, 2022 (SCI-Expanded)

- XXVII. **A New Score for Determining Thrombus Burden in STEMI Patients: The MAPH Score**

Abacioglu O. O., Yildirim A., Karadeniz M., Abacioglu S., Koyunsever N. Y., DİNDAŞ F., Dogdus M., KAPLANGÖRAY M.

Clinical and Applied Thrombosis/Hemostasis, vol.28, 2022 (SCI-Expanded)

- XXVIII. **Assessment of electrocardiographic parameters in patients with electrocution injury**

Karataş M. B., Onuk T., Güngör B., Ipek G., Özcan K. S., KAPLANGÖRAY M., Çanga Y., Durmuş G., Çakilli Y., Bolca O.

Journal of Electrocardiology, vol.48, no.5, pp.809-814, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **Investigation of the relationship between modified Glasgow prognostic score and no-reflow phenomenon in patients undergoing primary percutaneous coronary intervention for ST-elevation myocardial infarction**
Kaplangozay M., toprak k., Aydın C., Aslan R.
The European Research Journal, vol.9, no.5, pp.894-902, 2023 (Peer-Reviewed Journal)
- II. **Losartan or Nebivolol? Which One Is More Effective in Erectile Dysfunction?**
YILMAZ A. H., KAPLANGÖRAY M., DEVECİ E.
Bilecik Şeyh Edebalı Üniversitesi Sağlık Bilimleri Fakültesi Dergisi, vol.1, no.2, pp.119-127, 2023 (Peer-Reviewed Journal)
- III. **Association of left atrial ejection force and obesity: A prospective study of middle-aged adults**
KAPLANGÖRAY M., TOPRAK K., Çiçek Ö. F., ÇEKİCİ Y.
Medicine Science, vol.12, no.1, pp.332-337, 2023 (Peer-Reviewed Journal)
- IV. **Does the Modified Glasgow Prognostic Score be a Predictive Parameter for Right Ventricular Systolic Dysfunction in Patients with Acute Decompensated Heart Failure?**
Kaplangozay M.
Eurasian Journal of Medical Investigation, vol.7, no.3, pp.303-308, 2023 (Peer-Reviewed Journal)
- V. **The Effect of Positive Inotropic Therapy on Serum Adiponectin Level in Patients with Acute Decompensated Heart Failure**
KAPLANGÖRAY M., TOPRAK N.
Eurasian Journal of Medical Advances (EJMA), vol.2, no.3, pp.105-110, 2022 (Peer-Reviewed Journal)
- VI. **Does serum uric acid to high-density lipoprotein cholesterol ratio predict coronary slow flow?**
ÇEKİCİ Y., SİNCER İ., KAPLANGÖRAY M., YILMAZ M., YILDIRIM A.
Annals of Medical Research, vol.27, no.10, 2020 (Peer-Reviewed Journal)
- VII. **Transfemoral Yaklaşımla Perkütan Koroner Girişimi Takiben Gelişen Nadir Bir Olgu: Masif Penoskrotal Hematom**
İLTER A., TUSUN E., KAPLANGÖRAY M.
MN Kardiyoloji, vol.24, no.4, pp.166-168, 2017 (Peer-Reviewed Journal)
- VIII. **A Rare Cardiac Mass: Late Diagnosis of a Giant Intracardiac Thrombus**
ABANOZ M., DEMİR D., HALICI Ü., KAPLANGÖRAY M., BAYSAL S. S.
Journal of Harran University Medical Faculty, vol.12, no.1, pp.126-130, 2015 (Peer-Reviewed Journal)
- IX. **Fatal case of acute myocardial infarction due to free floating ball thrombus in left atrium with mitral stenosis**
ILTUMUR K., TAMAM Y., KARAHAN M. Z., KAPLANGÖRAY M., TOPRAK N.
AMERICAN JOURNAL OF CASE REPORTS, vol.8, pp.277-280, 2007 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Koroner Arter Hastalıkları ve Gebelik**
KAPLANGÖRAY M.
in: Gebelikte ve Süt Veren Annelerde Kalp Hastalıkları - 2023, Editör: Prof. Dr. Şeref ALPSOY, Editör Yardımcısı: Dr. Öğr. Üyesi Aykut DEMİRKIRAN, Editor, Türkiye Klinikleri Cardiovascular Sciences, pp.33-36, 2024
- II. **PRİMER PERKÜTAN KORONER GİRİŞİM SIRASINDA KATETERE BAĞLI GELİŞEN AORTOKORONER DISSEKSİYON VE TEDAVİSİ**
KAPLANGÖRAY M.
in: Olgular Eşliğinde Kardiyoloji, Prof. Dr. Çetin Erol, Editor, Akademisyen Kitabevi, Ankara, pp.151-160, 2022
- III. **VAKALAR EŞLİĞİNDE AKUT MİYOKARD İNFARTÜSÜ NEDENİ İLE PRİMER PERKÜTAN KORONER GİRİŞİM YAPILAN HASTALARDA GELİŞEN KORONER RÜPTÜR VE TEDAVİSİ**
KAPLANGÖRAY M.
in: Vakalarla Kardiyoloji, Efe Edem, Editor, Akademisyen Kitabevi, Ankara, pp.445-453, 2020

Refereed Congress / Symposium Publications in Proceedings

- I. **Bildiri No: 4482, ST Elevasyonlu Miyokard İnfarktüsü Nedeniyle Primer Perkütan Koroner Girişim Yapılan Hastalarda C-Reaktif Protein-Albümin Oranı ST-Segment Rezolusyonu İçin Öngürdürücü Faktör Olabilir mi?**
KAPLANGÖRAY M.
Kompleks Koroner Girişimler ve Kateterizasyon Toplantısı, BICTO-Çanakkale, Çanakkale, Turkey, 8 - 10 September 2023, vol.26, pp.3-4
- II. **Artmış Tam Kan Vizkozitesi Tıkalı Olmayan Koroner Arterli Miyokard İnfarktüsü (MİNOCA) İçin Bir Risk midir**
KAPLANGÖRAY M.
TGKV Girişimsel Kardiyoloji Zirvesi, Antalya, Turkey, 25 - 28 May 2023, pp.62-64
- III. **DOES ATHEROGENIC INDEX PLASMA PREDICT CORONARY SLOW FLOW PHENOMENON IN PATIENTS UNDERGOING ELECTIVE CORONARY ANGIOGRAPHY?**
KAPLANGÖRAY M.
18. International Congress of Update in Cardiology and Cardiovascular Surgery, Antalya, Turkey, 1 - 04 December 2022, vol.10, pp.285
- IV. **ACUTE INFERIOR MYOCARDIAL INFARCTION ASSOCIATED WITH SILDENAFIL IN AN ASYMPTOMATIC PATIENT WITHOUT CORONARY ARTERY DISEASE**
KAPLANGÖRAY M., ÇEKİCİ Y.
16. International Congress of Update in Cardiology and Cardiovascular Surgery, Online, Turkey, 30 October - 01 November 2020, vol.8, pp.598
- V. **OP-118 EFFECT OF LEVOSIMENDAN VERSUS DOBUTAMIN ON LEFT VENTRICULAR SYSTOLIC AND DIASTOLIC FUNCTIONS IN PATIENTS WITH DECOMPENSATED HEART FAILURE**
İLTÜMÜR K., KAPLANGÖRAY M., TOPRAK N.
6. Uluslararası Kardiyoloji ve Kardiyovasküler Cerrahide Yenilikler Kongresi, İzmir, Turkey, 3 - 05 April 2010, vol.140, pp.34
- VI. **ST segment elevasyonlu miyokard infarktüsünde faktör XIII gen polimorfizmin reperfüzyon tedavisi sonrası TIMI akımı ve ST segment rezolusyonu üzerine etkisi**
KARAHAN M. Z., ALYAN Ö., Tekeş S., Karadede A., İltimür, K., İYEM H., KAPLANGÖRAY M., Altındağ R., TOPRAK N.
25. Ulusal Kardiyoloji Kongresi, İstanbul, Turkey, 24 - 27 October 2008, vol.36, pp.86