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### Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Cardiovascular

### Academic Titles / Tasks

Professor, Istanbul University, Istanbul Medical Faculty, Division of Medical Sciences , 2002 - Continues

### Courses

DÖNEM 3, DÖNEM 4, DÖNEM 5 KARDİYOLOJİ, Undergraduate, 2013 - 2014

DÖNEM 2, DOLAŞIM DİLİMİ OLGU SUNUMU, Undergraduate, 2013 - 2014

DÖNEM 1, HAFTADAN KLİNİĞE YANSIMALAR, Undergraduate, 2013 - 2014

### Advising Theses

UMMAN B., Koroner anjiyografide anlamlı darlık saptanmayan diyabetik hastalarda mikrovasküler fonksiyonun ve sol ventrikül fonksiyonlarının değerlendirilmesi, Expertise In Medicine, M.Kocaağa(Student), 2014

UMMAN B., PRİMER PERKÜTAN TRANSKORONER ANJİYOPLASTİ İLE TEDAVİ EDİLEN ST SEGMENT YÜKSELMELİ MİYOKARD İNFARKTÜSÜNÜN ERKEN VE GEÇ DÖNEM TAKİP PARAMETRELERİ İLE İŞLEM ÖNCESİ ADMA VE TNF-ALFA İLİŞKİSİ, Expertise In Medicine, A.YILMAZ(Student), 2010

UMMAN B., BECKER TİPİ KAS DİSTROFİLİ VE DİSFERLİNOPATİLİ HASTALARDA KARDİYAK TUTULUM GÖRÜLME SIKLIĞININ ARAŞTIRILMASI, Expertise In Medicine, S.YILMAZER(Student), 2006

UMMAN B., MİYOKARD İNFARKTÜSLÜ HASTALARDA KORONER KOLLATERAL GELİŞİM DERESESİ İLE SOL VENTRİKÜL BÖLGESEL DUVAR HAREKET SKORU ARASINDAKİ İLİŞKİNİN ARAŞTIRILMASI, TROMBOLİTİK TEDAVİNİN KORONER MİKROVASKÜLATÜR ÜZERİNE ETKİSİ, BİR KORONER İÇİ BASINÇ ÖLÇÜM ÇALIŞMASI, Expertise In Medicine, M.SEZER(Student), 2001

### Jury Memberships

Expertise In Medicine, Tıpa Uzmanlık, İSTANBUL TIP FAKÜLTESİ, November, 2014

Expertise In Medicine, Uzmanlık Sınavı Jürisi, İSTANBUL TIP FAKÜLTESİ, September, 2014

Expertise In Medicine, Uzmanlık Sınavı Jürisi, İSTANBUL TIP FAKÜLTESİ, November, 2013

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **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 (Journal Indexed in SCI Expanded)
- II. **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 (Journal Indexed in SCI Expanded)
- III. **The Interplay between Features of Plaque Vulnerability and Hemodynamic Relevance of Coronary Artery Stenoses.**  
Sezer M., Aslanger E., Cakir O., Atici A., Sezer I., Ozcan A., Umman B., Bugra Z., Umman S.  
Cardiology, vol.146, pp.1-10, 2021 (Journal Indexed in SCI)
- IV. **Late embolization of an atrial septal defect closure device into the main pulmonary artery**  
Engin B., Canbay C., Nisli K., Bilge A. K. , Umman B.  
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.24, no.2, pp.113-115, 2020 (Journal Indexed in SCI)
- V. **Reducing Aortic Barotrauma and Vascular Extracellular Matrix Degradation by Pacemaker-Mediated QRS Widening**  
SEZER M., Atici A., Coskun I., Cizgici Y., Ozcan A., UMMAN B., Bugra Z., Ozcan I., HASDEMİR H., Kocaaga M., et al.  
JOURNAL OF THE AMERICAN HEART ASSOCIATION, vol.9, no.10, 2020 (Journal Indexed in SCI)
- VI. **Coronary Microvascular Injury in Reperfused Acute Myocardial Infarction: A View From an Integrative Perspective**  
Sezer M., VAN ROYEN N., Umman B., Bugra Z., Bulluck H., Hausenloy D. J. , Umman S.  
JOURNAL OF THE AMERICAN HEART ASSOCIATION, vol.7, no.21, 2018 (Journal Indexed in SCI)
- VII. **Endocan: a novel biomarker associated with well-developed coronary collateral circulation in patients with stable angina and chronic total occlusion.**  
Emet S., Elitok A., Onur I., Kocaaga M., Bilge A. K. , Oflaz H., Umman B., Oncul A., Bugra Z., Adalet K., et al.  
Journal of thrombosis and thrombolysis, vol.43, no.1, pp.60-67, 2017 (Journal Indexed in SCI Expanded)
- VIII. **Bimodal Pattern of Coronary Microvascular Involvement in Diabetes Mellitus**  
Sezer M., Kocaaga M., Aslanger E., Atici A., Demirkiran A., Bugra Z., Umman S., Umman B.  
JOURNAL OF THE AMERICAN HEART ASSOCIATION, vol.5, no.11, 2016 (Journal Indexed in SCI)
- IX. **The first case of chronic Q fever endocarditis and aortitis from Turkey: A 5-year infection before diagnosis with drain in sternum.**  
Yavuz S., Ozbek E., Basaran S., Celebi B., Yilmaz E., Basaran M., Umman B., Eraksoy H.  
Anatolian journal of cardiology, vol.16, no.10, pp.814-816, 2016 (Journal Indexed in SCI Expanded)
- X. **A Mysterious Crescent in the Heart: Ruptured Sinus of Valsalva Dissecting Interatrial Septum, Multimodality Imaging, and Full Recovery**  
Atici A., Demirkiran A., Karaayvaz E. B. , Surmen S., Ugurlucan M., Umman B., Bugra Z.  
ECHOCARDIOGRAPHY-A JOURNAL OF CARDIOVASCULAR ULTRASOUND AND ALLIED TECHNIQUES, vol.33, no.7, pp.1095-1097, 2016 (Journal Indexed in SCI)
- XI. **Identification of gene variants related to the nitric oxide pathway in patients with acute coronary syndrome**  
Umman B., Cakmakoglu B., Cincin Z. B. , Kocaaga M., Emet S., Tamer S., Gokkusu C.  
GENE, vol.574, no.1, pp.76-81, 2015 (Journal Indexed in SCI)
- XII. **A case of an atypically located cardiac hydatid cyst.**  
BAYRAMOV F., EMET S., DADASHOV M., UMMAN B., Buğra Z.  
Anatolian journal of cardiology, vol.15, 2015 (Journal Indexed in SCI)
- XIII. **A rare cardiac manifestation of Wegener's granulomatosis.**  
Elitok A., Emet S., Onur I., Karaayvaz E. B. , Sayin O. A. , Umman B., Bugra Z., Mercanoglu F.

Anatolian journal of cardiology, vol.15, no.2, 2015 (Journal Indexed in SCI Expanded)

- XIV. **Identification of gene variants associated with hypoxia pathway in acute coronary syndrome: a pilot study**  
Gokkusu C., Cakmakoglu B., Cincin Z. B. , Karaagac M., Emet S., Tamer S., Umman B.  
MOLECULAR BIOLOGY REPORTS, vol.41, no.12, pp.8055-8061, 2014 (Journal Indexed in SCI)
- XV. **Cardiac invasion of the intrabronchial malignant mesenchymal tumor from left pulmonary vein.**  
EMET S., KOCAAGA M., Buğra Z., UMMAN B.  
Turk Kardiyoloji Dernegi arsivi : Turk Kardiyoloji Derneginin yayin organidir, vol.42, pp.688, 2014 (Journal Indexed in SCI Expanded)
- XVI. **Coronary Plaque Composition and Post-PCI Complications in NSTEMI**  
Akdeniz C., Umman S., Kaplan A., Nisanci Y., Umman B., Bugra Z., Aslanger E., Hausenloy D. J. , Yilmaz A., Polat N., et al.  
JACC-CARDIOVASCULAR IMAGING, vol.6, no.12, pp.1349-1350, 2013 (Journal Indexed in SCI)
- XVII. **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., Oflaz H.  
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.13, no.8, pp.778-783, 2013 (Journal Indexed in SCI)
- XVIII. **Role of C-Reactive Protein in Determining Microvascular Function in Patients With Non-ST-Segment Elevation Acute Coronary Syndrome Undergoing Percutaneous Coronary Intervention**  
Sezer M., Akdeniz C., Aslanger E., Kaplan A., Yilmaz A., Guz G., Umman B., Bugra Z., Umman S.  
AMERICAN JOURNAL OF CARDIOLOGY, vol.111, no.12, pp.1734-1738, 2013 (Journal Indexed in SCI)
- XIX. **Percutaneous coronary intervention increases microvascular resistance in patients with non-ST-elevation acute coronary syndrome**  
Akdeniz C., Umman S., Nisanci Y., Umman B., Bugra Z., Aslanger E. K. , Kaplan A., Yilmaz A., Teker E., Guz G., et al.  
EUROINTERVENTION, vol.9, no.2, pp.228-234, 2013 (Journal Indexed in SCI)
- XX. **Association between genetic variants of DNA repair genes and coronary artery disease.**  
Gokkusu C., Cakmakoglu B., Dasdemir S., Tulubas F., Elitok A., Tamer S., Seckin S., Umman B.  
Genetic testing and molecular biomarkers, vol.17, no.4, pp.307-13, 2013 (Journal Indexed in SCI Expanded)
- XXI. **Impact of predilatation on periprocedural microvascular injury in patients with non-ST elevation acute coronary syndrome undergoing stenting**  
Akdeniz C., Umman S., Nisanci Y., Umman B., Kaplan A., Aslanger E., Kiraslan O., Yilmaz A., Atakan A., Sezer M.  
EUROPEAN HEART JOURNAL, vol.32, pp.857, 2011 (Journal Indexed in SCI)
- XXII. **The impact of coronary plaque components on microvascular resistance in patients presenting with non-ST elevation acute coronary syndrome**  
Akdeniz C., Umman S., Umman B., Nisanci Y., Teker E., Kaplan A., Sezer M.  
EUROPEAN HEART JOURNAL, vol.32, pp.330, 2011 (Journal Indexed in SCI)
- XXIII. **The relationship between admission C - reactive protein levels and microvascular dysfunction in patients with non-ST elevation acute coronary syndrome undergoing stenting**  
Akdeniz C., Nisanci Y., Umman S., Umman B., Guz G., Gurdal A., Golcuk E., Polat N., Sezer M.  
EUROPEAN HEART JOURNAL, vol.32, pp.259, 2011 (Journal Indexed in SCI)
- XXIV. **True left ventricular aneurysm after blunt chest trauma**  
Kaplan A., Aslanger E., Polat N., Dursun M., Umman B.  
ACTA CARDIOLOGICA, vol.66, no.4, pp.551-553, 2011 (Journal Indexed in SCI)
- XXV. **Influence of percutaneous coronary intervention on true microvascular resistance in patients with non-ST elevation acute coronary syndrome**  
Akdeniz C., Nisanci Y., Umman S., Umman B., Golcuk E., Sezer M.  
EUROPEAN HEART JOURNAL, vol.32, pp.856-857, 2011 (Journal Indexed in SCI)
- XXVI. **High concentrations of asymmetric dimethylarginine are associated with ST-segment resolution failure after reperfusion for acute myocardial infarction**  
Yilmaz A., Bekpinar S., Unlucerci Y., Gurdol F., Umman B.  
CLINICAL CHEMISTRY AND LABORATORY MEDICINE, vol.49, no.5, pp.903-907, 2011 (Journal Indexed in SCI)

- XXVII. **The accuracy of deceleration time of diastolic coronary flow measured by transthoracic echocardiography in predicting long-term left ventricular infarct size and function after reperfused myocardial infarction**  
Okular I, Sezer M, Aslanger E, Cimen A, Umman B, Nisanci Y, Umman S.  
EUROPEAN JOURNAL OF ECHOCARDIOGRAPHY, vol.11, no.10, pp.823-828, 2010 (Journal Indexed in SCI)
- XXVIII. **Impact of myocardial acceleration during isovolumic contraction in evaluating subclinical right ventricular systolic dysfunction in type 2 diabetes mellitus patients.**  
TAYYARECI Y, YURDAKUL S, TAYYARECI G, NISANCI Y, UMMAN B, Buğra Z.  
Echocardiography (Mount Kisco, N.Y.), vol.27, pp.1211-8, 2010 (Journal Indexed in SCI)
- XXIX. **Concurrent microvascular and infarct remodeling after successful reperfusion of ST-elevation acute myocardial infarction.**  
Sezer M, Aslanger E. K. , Cimen A. O. , Yormaz E, Turkmen C, Umman B, Nisanci Y, Bugra Z., Adalet K, Umman S.  
Circulation. Cardiovascular interventions, vol.3, no.3, pp.208-15, 2010 (Journal Indexed in SCI Expanded)
- XXX. **Persistent arteriosinuosidal coronary fistulae in a patient with hypertrophic cardiomyopathy**  
Golcuk E, Akdeniz C, Aslanger E. K. , Cizgici Y, Esen B, Umman B, Sezer M, Umman S.  
ACTA CARDIOLOGICA, vol.65, no.3, pp.371-373, 2010 (Journal Indexed in SCI)
- XXXI. **Homocysteine and pro-inflammatory cytokine concentrations in acute heart disease**  
Gokkusu C, Tulubas F, Unlucerci Y, Ozkok E, Umman B, Aydin M.  
Cytokine, vol.50, no.1, pp.15-18, 2010 (Journal Indexed in SCI Expanded)
- XXXII. **Concurrent microvascular and infarct remodeling after successful reperfusion of ST-elevation acute myocardial infarction**  
SEZER M., Aslanger E., Çimen A., Yormaz E., TÜRKMEN C., UMMAN B., Nişancı Y., BUĞRA M. Z. , ADALET K., UMMAN S.  
CIRCULATION-CARDIOVASCULAR INTERVENTIONS, vol.3, no.3, pp.208-215, 2010 (Journal Indexed in SCI Expanded)
- XXXIII. **Influences of genetic variants in interleukin-15 gene and serum interleukin-15 levels on coronary heart disease.**  
Gokkusu C, Aydin M, Ozkok E, Tulubas F, Elitok A, Pamukcu B, Umman B.  
Cytokine, vol.49, no.1, pp.58-63, 2010 (Journal Indexed in SCI Expanded)
- XXXIV. **Sudden cardiac arrest in a patient with an anomalous left main coronary artery originating from the pulmonary artery**  
Aslanger E, Altun I, Umman B.  
ACTA CARDIOLOGICA, vol.64, no.6, pp.835-837, 2009 (Journal Indexed in SCI)
- XXXV. **Infarct Remodeling Process During Long-term Follow-up After Reperfused Acute Myocardial Infarction**  
Sezer M, Cimen A. O. , Aslanger E. K. , Yormaz E, Turkmen C, Umman B, Bugra Z, Adalet I, Nisanci Y, Adalet K, et al.  
AMERICAN JOURNAL OF THE MEDICAL SCIENCES, vol.338, no.6, pp.465-469, 2009 (Journal Indexed in SCI)
- XXXVI. **Effect of Intracoronary Streptokinase Administered Immediately After Primary Percutaneous Coronary Intervention on Long-Term Left Ventricular Infarct Size, Volumes, and Function**  
Sezer M, Cimen A, Aslanger E, Elitok A, Umman B, Bugra Z, Yormaz E, Turkmen C, Adalet I, Nisanci Y, et al.  
JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY, vol.54, no.12, pp.1065-1071, 2009 (Journal Indexed in SCI)
- XXXVII. **Association of microvascular and infarct remodeling following reperfusion of STEMI**  
Aslanger E, Sezer M, Cimen A, Yormaz E, Turkmen C, Umman B, Bugra Z, Adalet K, Nisanci Y, Umman S.  
EUROPEAN HEART JOURNAL, vol.30, pp.594, 2009 (Journal Indexed in SCI)
- XXXVIII. **Androgenic anabolic steroids also impair right ventricular function**  
Kasikcioglu E, Oflaz H, Umman B, Bugra Z.  
INTERNATIONAL JOURNAL OF CARDIOLOGY, vol.134, no.1, pp.123-125, 2009 (Journal Indexed in SCI)
- XXXIX. **Effect of intracoronary streptokinase administered immediately after primary percutaneous coronary intervention on long-term left ventricular infarct size, volumes, and function.**

SEZER M., Çimen A., Aslanger E., Elitok A., UMMAN B., BUĞRA M. Z. , Yormaz E., TÜRKMEN C., ADALET I., Nişancı Y., et al.

AMERICAN JOURNAL OF CARDIOLOGY, vol.15, no.54, pp.1065-1071, 2009 (Journal Indexed in SCI)

- XL. **Association of genetic variants in methylenetetrahydrofolate reductase and paraoxonase-1 genes with homocysteine, folate and vitamin B12 in coronary artery disease**  
Aydin M., Gokkusu C., Ozkok E., Tulubas F., Unlucerci Y., Pamukcu B., Özbek Z., Umman B.  
Molecular and Cellular Biochemistry, vol.325, pp.199-208, 2009 (Journal Indexed in SCI Expanded)
- XLII. **Intraaortic balloon occlusion during refractory cardiac arrest. A case report**  
Aslanger E., GOLCUK E., Oflaz H., Yilmaz A., Mercanoglu F., Bugra Z., Umman B., Nişancı Y.  
Resuscitation, vol.80, no.2, pp.281-283, 2009 (Journal Indexed in SCI)
- XLIII. **ASSOCIATION OF GENETIC VARIANTS IN MTHFR AND PON-1 GENES WITH HOMOCYSTEINE, FOLATE AND VITAMIN B12 IN CORONARY ARTERY DISEASE**  
Gokkusu C., Aydin M., Ozkok E., Tulubas F., Unlucerci Y., Elitok A., Ozbek Z., Umman B.  
JOURNAL OF PHYSIOLOGICAL SCIENCES, vol.59, pp.530, 2009 (Journal Indexed in SCI)
- XLIV. **Intracoronary autologous bone marrow-derived stem cell transplantation in patients with ischemic cardiomyopathy: Results of 18-month follow-up İskemik kardiyomiyopatili hastalarda intrakoroner otolog kemik iliği kaynakli mononükleer kök hücre nakli: 18 Aylık takip sonuçlari**  
Tayyareci Y., Umman B., Sezer M., Beşişik S., Şanlı Y., Mudun A., Gürses N., Nişancı Y.  
Turk Kardiyoloji Dernegi Arsivi, vol.36, no.8, pp.519-529, 2008 (Journal Indexed in SCI Expanded)
- XLV. **An alternative approach of stem cell delivery to myocardium: combined usage of antegrade coronary arterial infusion and retrograde venous obstruction**  
Nisanci Y., Tayyareci Y., Sezer M., Umman B.  
ANADOLU KARDIOLOJİ DERGİSİ-THE ANATOLIAN JOURNAL OF CARDIOLOGY, vol.8, pp.391-392, 2008 (Journal Indexed in SCI)
- XLVI. **Nisanci Y. Intracoronary autologous bone marrow-derived mononuclear cell transplantation improves coronary collateral vessel formation and recruitment capacity in patients with ischemic cardiomyopathy: a combined hemodynamic and scintigraphic approach. . 2008 Apr-May;59(2):145-55. Turk Kardiyol Dern Ars. 2008 Dec;):.**  
TAYYARECI Y., SEZER M., UMMAN B., BEŞİŞİK S., MUDUN A., Şanlı Y., ÖNCÜL A., SARGIN D., MERİÇ M., NİŞANCI Y.  
ANGIOLOGY, vol.36, no.8, pp.519-29, 2008 (Journal Indexed in SCI Expanded)
- XLVII. **Early detection of right ventricular systolic dysfunction by using myocardial acceleration during isovolumic contraction in patients with mitral stenosis**  
Tayyareci Y., Nisanci Y., Umman B., Oncul A., Yurdakul S., Altun I., Umman S., Bugra Z.  
EUROPEAN JOURNAL OF ECHOCARDIOGRAPHY, vol.9, no.4, pp.516-521, 2008 (Journal Indexed in SCI)
- XLVIII. **Intracoronary autologous bone marrow-derived mononuclear cell transplantation improves coronary collateral vessel formation and recruitment capacity in patients with ischemic cardiomyopathy: A combined hemodynamic and scintigraphic approach**  
Tayyareci Y., Sezer M., Umman B., Besisik S., Mudun A., Sanli Y., Oncul A., Gurses N., Sargin D., Meric M., et al.  
ANGIOLOGY, vol.59, no.2, pp.145-155, 2008 (Journal Indexed in SCI)
- XLIX. **Evaluation of the severity of mitral stenosis with a new index: isovolumic myocardial acceleration.**  
Tayyareci Y., TAYYARECI G., Nişancı Y., Umman B., Buğra Z.  
Türk Kardiyoloji Derneği arşivi : Türk Kardiyoloji Derneğinin yayın organidir, vol.36, no.6, pp.388-394, 2008 (Journal Indexed in SCI Expanded)
- L. **Angiotensinogen M235T polymorphism and left ventricular indices in treated hypertensive patients with normal coronary arteries**  
Olçay A., Nisanci Y., Ekmekci C. G. , Oezbek U., Sezer M., Umman B., Bugra Z.  
ANADOLU KARDIOLOJİ DERGİSİ-THE ANATOLIAN JOURNAL OF CARDIOLOGY, vol.7, no.3, pp.257-261, 2007 (Journal Indexed in SCI)
- L. **Aspirin-resistant platelet aggregation in a cohort of patients with coronary heart disease**  
Pamukcu B., Oflaz H., ONUR M., Oncul A., Umman B., KOYLAN N., Bugra Z., Meric M., NISANCI Y.  
BLOOD COAGULATION & FIBRINOLYSIS, vol.18, no.5, pp.461-465, 2007 (Journal Indexed in SCI)

- LI. **Intracoronary streptokinase after primary percutaneous coronary intervention**  
Sezer M., Oflaz H., Gören T., Okçular I., Umman B., Nişancı Y., Bilge A. K. , Şanlı Y., Meriç M., Umman S.  
NEW ENGLAND JOURNAL OF MEDICINE, vol.356, no.18, pp.1823-1834, 2007 (Journal Indexed in SCI)
- LII. **Association of haematological indices with the degree of microvascular injury in patients with acute anterior wall myocardial infarction treated with primary percutaneous coronary intervention**  
Sezer M., Okcular I., Goren T., Oflaz H., Nisanci Y., Umman B., Mercanoglu F., Bilge A. K. , Meric M., Umman S.  
HEART, vol.93, no.3, pp.313-318, 2007 (Journal Indexed in SCI)
- LIII. **Clinical relevance of aspirin resistance in patients with stable coronary artery disease: a prospective follow-up study (PROSPECTAR)**  
Pamukcu B., Oflaz H., Onur I., Oncul A., Ozcan M., Umman B., Mercanoglu F., Meric M., Nisanci Y.  
BLOOD COAGULATION & FIBRINOLYSIS, vol.18, no.2, pp.187-192, 2007 (Journal Indexed in SCI)
- LIV. **A potential evidence to explain the reason behind the devastating prognosis of coronary artery disease in uraemic patients: Renal insufficiency is associated with poor coronary collateral vessel development**  
Sezer M., Onan M., Okcular I., Elitok A., Umman S., Umman B., Tayyareci Y., Olcay A., Nisanci Y., Bilge A. K. , et al.  
INTERNATIONAL JOURNAL OF CARDIOLOGY, vol.115, no.3, pp.366-372, 2007 (Journal Indexed in SCI)
- LV. **The role of aspirin resistance on outcome in patients with acute coronary syndrome and the effect of clopidogrel therapy in the prevention of major cardiovascular events**  
Pamukcu B., Oflaz H., Oncul A., Umman B., Mercanoglu F., Ozcan M., Meric M., Nisanci Y.  
JOURNAL OF THROMBOSIS AND THROMBOLYSIS, vol.22, no.2, pp.103-110, 2006 (Journal Indexed in SCI)
- LVI. **The use of human heart-type fatty acid-binding protein as an early diagnostic biochemical marker of myocardial necrosis in patients with acute coronary syndrome, and its comparison with troponin-T and creatine kinase-myocardial band**  
Ruzgar O., Bilge A. K. , Bugra Z., Umman S., Yilmaz E., OZBEN B., Umman B., Meric M.  
HEART AND VESSELS, vol.21, no.5, pp.309-314, 2006 (Journal Indexed in SCI)
- LVII. **Left atrial geometric and functional remodeling in athletes**  
KASIKCIOGLU E., OFLAZ H., AKHAN H., KAYSERILIOGLU A., UMMAN B., Bugra Z., ERZENGIN F.  
INTERNATIONAL JOURNAL OF SPORTS MEDICINE, vol.27, no.4, pp.267-271, 2006 (Journal Indexed in SCI)
- LVIII. **Pressure-derived collateral flow index: a strong predictor of late left ventricular remodeling after thrombolysis for acute myocardial infarction**  
Sezer M., Nisanci Y., Umman B., Umman S., Okcular I., Olcay A., Bilge A., Ozcan M., Meric M.  
CORONARY ARTERY DISEASE, vol.17, no.2, pp.139-144, 2006 (Journal Indexed in SCI)
- LIX. **Aldosterone synthase -344C/T and angiotensin-converting enzyme I/D polymorphisms in Turkish hypertensive patients with normal coronary arteries.**  
OLCAY A., NISANCI Y., EKMEKCI C., UMMAN B., Bugra Z., SEZER M., ACAR R. D. , OZBEK U.  
Acta cardiologica, vol.61, pp.29-34, 2006 (Journal Indexed in SCI)
- LX. **Preliminary results of intracoronary transplantation of bone marrow-derived progenitor cells evaluated with myocardial perfusion SPECT**  
Sanli Y., Mudun A., Turkmen C., Tokmak H., Tamam M., Tayyareci Y., Nisanci Y., Sezer M., Umman B., Kalayoglu S., et al.  
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.32, 2005 (Journal Indexed in SCI)
- LXI. **The role of exercise on platelet aggregation in patients with stable coronary artery disease: Exercise induces aspirin resistant platelet activation**  
PAMUKCU B., OFLAZ H., ACAR R. D. , Umman S., KOYLAN N., UMMAN B., NISANCI Y.  
JOURNAL OF THROMBOSIS AND THROMBOLYSIS, vol.20, no.1, pp.17-22, 2005 (Journal Indexed in SCI)
- LXII. **Intracoronary stem cell implantation during post myocardial infarction period - A case report**  
**Miyokard infarktüsü sonrası intrakoronar kök hücre implantasyonu-vaka bildirimi**  
Nişancı Y., Olcay A., Umman B., Sezer M., Besişik S., Gürses N., Mudun A., Tokmak H., Sargin D.  
Anadolu Kardiyoloji Dergisi, vol.4, no.4, pp.348-350, 2004 (Journal Indexed in SCI Expanded)
- LXIII. **Left ventricular remodeling and aortic distensibility in elite power athletes**  
KASIKCIOGLU E., OFLAZ H., AKHAN H., KAYSERILIOGLU A., MERCANOGLU F., UMMAN B., Bugra Z.

- HEART AND VESSELS, vol.19, no.4, pp.183-188, 2004 (Journal Indexed in SCI)
- LXIV. **Catastrophic secondary antiphospholipid syndrome with peripheral nervous system involvement: A case report**  
Erten N., Saka B., Karan A., Parman Y., Umman B., Tascioglu C.  
ACTA MEDICA OKAYAMA, vol.58, no.2, pp.107-110, 2004 (Journal Indexed in SCI)
- LXV. **Effect of preinfarction angina pectoris on microcirculation in patients with reperfused acute myocardial infarction**  
Sezer M., Nisanci Y., Umman B., Umman S., Pusuroglu H., Filorinali N., Ozsaruhan O., Erzengin F.  
ACTA CARDIOLOGICA, vol.59, pp.25-31, 2004 (Journal Indexed in SCI)
- LXVI. **New support for clarifying the relation between ST segment resolution and microvascular function: degree of ST segment resolution correlates with the pressure derived collateral flow index**  
Sezer M., Nisanci Y., Umman B., Yilmaz E., Olcay A., Erzengin F., Ozsaruhan O.  
HEART, vol.90, no.2, pp.146-150, 2004 (Journal Indexed in SCI)
- LXVII. **Renovascular hypertension secondary to spontaneous renal artery dissection and treatment with stenting**  
Bilge A., Nisanci Y., Yilmaz E., Umman B., Hunerel D., Ozsaruhan O.  
INTERNATIONAL JOURNAL OF CLINICAL PRACTICE, vol.57, no.5, pp.435-436, 2003 (Journal Indexed in SCI)
- LXVIII. **Bilateral renal artery stenosis after abdominal radiotherapy for Hodgkin's disease**  
SAKA B., BILGE A., UMMAN B., YILMAZ E., NISANCI Y., ERTEN N., Karan M. A. , TASCIOGLU C.  
INTERNATIONAL JOURNAL OF CLINICAL PRACTICE, vol.57, pp.247-248, 2003 (Journal Indexed in SCI)
- LXIX. **Effect of calcineurin inhibitors on QT dispersion in renal transplant recipients**  
TURKMEN A., BUNYAK B., OFLAZ H., KUCUK M., SAHIN S., Bugra Z., UMMAN B., SEVER M. Ş.  
TRANSPLANTATION PROCEEDINGS, vol.34, no.7, pp.2996-2998, 2002 (Journal Indexed in SCI)
- LXX. **Left ventricular diastolic function abnormalities in hypopituitary patients with GH deficiency: Evidence for a subclinical cardiomyopathy**  
Ozbey N., Sezgil A., Oflaz H., Umman B., Orhan Y., Sencer E., Molvalilar S.  
JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION, vol.25, no.7, pp.590-597, 2002 (Journal Indexed in SCI)
- LXXI. **Can thrombolytic therapy provide beneficial effects additional to epicardial coronary artery recanalization? A study based on coronary pressure measurement**  
Sezer M., Nisanci Y., Umman B., Yilmaz E., Mercanoglu F., Umman S., Oflaz H., Ozsaruhan O.  
CORONARY ARTERY DISEASE, vol.13, no.2, pp.125-130, 2002 (Journal Indexed in SCI)
- LXXII. **Impaired coronary collateral vessel recruitment in diabetes mellitus: Evidence for defective ischemic tolerance**  
Nisanci Y., Sezer M., Umman B., Umman S., Oflaz H., Yilmaz E., Erzengin F., Ozsaruhan C.  
JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY, vol.39, no.5, 2002 (Journal Indexed in SCI)
- LXXIII. **Comparison of diagnostic accuracy of different tests for renovascular hypertension secondary to renal artery stenosis**  
Yilmaz E., Eryilmaz A., Nisanci Y., Yekeler E., Umman B., Mercanoglu F., Umman S., Meric M., Ozsaruhan O., Oflaz H.  
EUROPEAN HEART JOURNAL, vol.22, pp.458, 2001 (Journal Indexed in SCI)
- LXXIV. **Relationship between corrected TIMI frame count and myocardial fractional flow reserve**  
Sezer M., Nisanci Y., Umman B., Yilmaz E., Umman S., Bozkurt H., Ozsaruhan O.  
EUROPEAN HEART JOURNAL, vol.22, pp.506, 2001 (Journal Indexed in SCI)
- LXXV. **Effects of trombolytic therapy on distaf coronary circulation**  
Sezer M., Nisancy A., Umman S., Mercanoglu F., Umman B., Erzengin F., Ozsaruhan O.  
EUROPEAN HEART JOURNAL, vol.21, pp.178, 2000 (Journal Indexed in SCI)
- LXXVI. **The assessment of pulmonary artery pressure with transoesophageal echocardiography in patients with chronic obstructive pulmonary disease**  
SAGBAB A., GOREN M., SEZER A., UMMAN B., Bugra Z., ERZENGIN F., OZSARUHAN O.  
EUROPEAN HEART JOURNAL, vol.21, pp.691, 2000 (Journal Indexed in SCI)
- LXXVII. **The effect of dual chamber pacing on left ventricular peak dp/dt, and influence of ventricular pacing site and intravenous metoprolol administration.**

Umman S., Umman B., Ozsaruhan O., Oncul A., Nisanci Y., Yilmaz E., Goren T., Buyukozturk K., Ertem G.  
HEARTWEB, vol.4, no.5, 1999 (Journal Indexed in SCI)

LXXVIII. **Left ventricular geometric patterns and QT dispersion in untreated essential hypertension**  
Bugra Z., KOYLAN N., VURAL A., ERZENGIN F., UMMAN B., YILMAZ E., MERIC M., BUYUKOZTURK K.  
AMERICAN JOURNAL OF HYPERTENSION, vol.11, no.10, pp.1164-1170, 1998 (Journal Indexed in SCI)

LXXIX. **Echocardiography in the hypertensive heart - A new grading system to define the severity of the structural and functional changes**  
EREN N., ERZENGIN F., MERCANOGLU F., UMMAN B., UMMAN S., ONCUL A., Bugra Z., HELVACI A., BUYUKOZTURK K., ERTEM G.  
JOURNAL OF CARDIOVASCULAR DIAGNOSIS AND PROCEDURES, vol.14, no.1, pp.23-31, 1997 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Assessment of Left Ventricular Function using a Two-Dimensional Speckle Tracking Echocardiography in Asymptomatic Survivors of Hodgkin's Lymphoma in Long-Term Follow-Up**  
Altinkaynak M., Ozer P., Atici A., Basar R., Oztop N., Umman B., Nalcaci M.  
ISTANBUL MEDICAL JOURNAL, vol.22, no.4, pp.300-305, 2021 (Journal Indexed in ESCI)
- II. **Influence of coronary calcification patterns on hemodynamic outcome of coronary stenoses and remodeling.**  
DEMIRKIRAN A., ÇAKIR O., ATICI A., ASLANGER E., AKDENİZ C., UMMAN B., UMMAN S., Bugra Z., SEZER M.  
Turk Kardiyoloji Dernegi arsivi : Turk Kardiyoloji Derneginin yayin organidir, vol.45, pp.606-613, 2017 (Journal Indexed in ESCI)
- III. **Intracoronary autologous bone marrow-derived stem cell transplantation in patients with ischemic cardiomyopathy: results of 18-month follow-up**  
Tayyareci Y., UMMAN B., SEZER M., BEŞİŞİK S., ŞANLI Y., MUDUN A., Gurses N., Nisanci Y.  
TURK KARDIYOLOJİ DERNEĞİ ARSIVI-ARCHIVES OF THE TURKISH SOCIETY OF CARDIOLOGY, vol.36, pp.519-529, 2008 (Journal Indexed in ESCI)
- IV. **Angiotensinogen M235T polymorphysm and left ventricular indices in treated hypertensive patients with normal coronary arteries**  
OLCAY A., Nişancı Y., Ekmekçi C., Özbek U., SEZER M., UMMAN B., BUĞRA M. Z.  
ANADOLU KARDIYOLOJİ DERGİSİ, no.7, pp.257-261, 2007 (Other Refereed National Journals)
- V. **The delivery methods used in cardiac stem cell therapy**  
Tayyareci Y., UMMAN B., Nisanci Y.  
TURK KARDIYOLOJİ DERNEĞİ ARSIVI-ARCHIVES OF THE TURKISH SOCIETY OF CARDIOLOGY, vol.35, no.5, pp.306-313, 2007 (Journal Indexed in ESCI)
- VI. **Antihipertansif tedavi alan normal koroner arterli hastalarda anjiyotensinojen M<sup>235</sup>T polimorfizminin sol ventrikül parametreleri ile ilişkisi**  
OLCAY A., Nişancı Y., Ekmekçi G., Özbek U., SEZER M., UMMAN B., BUĞRA M. Z.  
ANADOLU KARDIYOLOJİ DERGİSİ, no.7, pp.257-261, 2007 (Other Refereed National Journals)
- VII. **THE RELATIONSHIP BETWEEN THE LOCALIZATION OF MYOCARDIAL PERFUSION DEFECTS AND RISK FACTORS FOR CORONARYARTERY DISEASE IN PATIENTS WITH NORMAL CORONARY ANGIOGRAPHY**  
ŞANLI Y., TÜRKMEN C., Tokmak H., MUDUN A., Oflaz H., UMMAN B., Cantez S.  
JOURNAL OF ISTANBUL FACULTY OF MEDICINE-ISTANBUL TIP FAKULTESİ DERGİSİ, vol.68, no.4, pp.97-101, 2005 (Journal Indexed in ESCI)
- VIII. **Oksitosin ile doğum indüksiyonunu izleyen miyokard infarktüsü vakası**  
UMMAN B., ÖNCÜL A., BUĞRA M. Z., UMMAN S., Güven A., Ertuğrul İ., Nişancı Y., OZSARUHAN O.  
İSTANBUL ÜNİVERSİTESİ İSTANBUL TIP FAKÜLTESİ MECMUASI, no.62, pp.441-445, 1999 (National Refreed University Journal)
- IX. **Kronik olarak tam tıkalı koroner artere uygulanan perkütan transluminal anjiyoplasti sonuçlarının**



## **değerlendirilmesi**

Tükek T., Nişancı Y., YILMAZ E., UMMAN B., ÖNCÜL A., MERCANOĞLU F., BUĞRA M. Z. , Korkut F.  
İSTANBUL ÜNİVERSİTESİ İSTANBUL TIP FAKÜLTESİ MECMUASI, no.62, pp.56-60, 1999 (National Refreed University Journal)

- X. **QT dispersion in patients with hypertrophic cardiomyopathy**  
UMMAN B., BUĞRA M. Z. , ÖNCÜL A., UMMAN S., Nişancı Y., EREN N., OZSARUHAN O., Erzengin F., Sezer A., BUYUKOZTURK K., et al.  
Medical Bulletin of Istanbul Medical Faculty, no.2, pp.46-51, 1997 (National Refreed University Journal)
- XI. **Romatizmal mitral stenozlu hastalarda pulmoner ven akımının transözofajial ekokardiyografi yöntemi ile incelenmesi**  
GOREN T., UMMAN S., UMMAN B., Erzengin F., BUĞRA M. Z. , ÖNCÜL A., HELVACI A., Meriç M., ADALET K., Büyüköztürk K.  
Klinik Gelişim Dergisi, pp.318-324, 1997 (Other Refereed National Journals)
- XII. **Hipertansif kalpte kalp kapaklarında görülen yapısal ve fonksiyonel değişiklikler**  
EREN N., UMMAN B., Erzengin F., MERCANOĞLU F., UMMAN S., Orak E., BUĞRA M. Z. , HELVACI A., BUYUKOZTURK K., ERTEM G.  
Medical Network Kardiyoloji Dergisi, pp.328-332, 1996 (Other Refereed National Journals)
- XIII. **Koronar kalp hastalıklarında Chlamydia pneumomoniae infeksiyonu yeni bir risk faktörü olabilir mi?**  
Yılmaz E., AĞAÇFİDAN A., Yılmaz G., Umman B., Mercanoğlu F., Koylan N., Adalet K., Öncül A., BADUR O. S. , Nişancı Y., et al.  
Türkiye Klinikleri Kardiyoloji Dergisi, vol.8, no.3, pp.146-148, 1995 (Other Refereed National Journals)
- XIV. **Lidokain aşırı duyarlılığına bağlı kardiyovasküler kollaps, akut miyokard infarktüsü ve sekonder ventrikül fibrilasyonu**  
BUĞRA M. Z. , EREN N., Nişancı Y., UMMAN B., YILMAZ E., ÖNCÜL A., MERİÇ M., ERTEM G.  
Türkiye Klinikleri Kardiyoloji Dergisi, no.8, pp.110-112, 1995 (Other Refereed National Journals)
- XV. **Multicenter double blind patient comparative trial with benazepril versus captopril in the treatment of mild to moderate hypertension**  
ADALET K., Nalbantgil İ., KOYLAN N., Kılıçcıoğlu B., BUĞRA M. Z. , ADALET I., Orak E., UMMAN B., ERZENGIN F., BUYUKOZTURK K.  
Medical Bulletin of İstanbul Medical Faculty, pp.2-10, 1995 (National Refreed University Journal)
- XVI. **Hafif ya da orta derecede esansiyel hipertansiyonlu hastalarda uzun etkili bir kalsiyum antagonisti olan Felodipinin etkinliği: Tek kör plasebo kontrollü bir çalışma**  
Adalet K., BUĞRA M. Z. , UMMAN B., ÖNCÜL A., Büyüköztürk K., ERTEM G.  
İSTANBUL ÜNİVERSİTESİ İSTANBUL TIP FAKÜLTESİ MECMUASI, no.57, pp.1-6, 1994 (National Refreed University Journal)
- XVII. **Kronik Total koroner arter oklüzyonu tedavisinde konvansiyonel ile magnum magnarail anjiyoplasti yöntemlerinin karşılaştırılması**  
MERİÇ M., ADALET K., NISANCI Y., UMMAN S., KOYLAN N., GOREN T., MERCANOĞLU F., BUĞRA M. Z. , ÖNCÜL A., HELVACI A., et al.  
TÜRK KARDİYOLOJİ DERNEĞİ ARŞİVİ, no.4, pp.224-228, 1994 (Other Refereed National Journals)
- XVIII. **Sinus venosus tipi atriyal septal defekt ve pulmoner ven dönüş anomalisi tanısında transözofajial ekokardiyografinin yeri**  
UMMAN B., ERZENGIN F., HELVACI A., BUĞRA M. Z. , UMMAN S., Büyüköztürk K., ERTEM G.  
İSTANBUL ÜNİVERSİTESİ İSTANBUL TIP FAKÜLTESİ MECMUASI, no.55, pp.623-632, 1992 (National Refreed University Journal)

## **Books & Book Chapters**

- I. **Halk Sağlığı ve COVID-19**  
Karaca Özer P., Baykız D., Umman B.

## Refereed Congress / Symposium Publications in Proceedings

- I. **The interplay between features of plaque vulnerability and hemodynamic relevance of coronary artery stenoses**  
Umman S., Umman B., Aslanger E., Atici A., Bugra Z., Sezer M.  
28th Annual Transcatheter Cardiovascular Therapeutics Symposium (TCT), Washington, Kiribati, 29 October - 02 November 2016, vol.68
- II. **Influence of coronary plaque compositions on fractional flow reserve and epicardial stenosis resistance**  
Akdeniz C., Umman S., Nisanci Y., Umman B., Bugra Z., Sezer M.  
Congress of the European-Society-of-Cardiology (ESC), Munchen, Germany, 25 - 29 August 2012, vol.33, pp.777
- III. **Quantification of microvascular damage after primary coronary angioplasty to estimate long term left ventricular volumes**  
Sezer M., OKCULAR I., GOREN T., Umman B., Bugra Z., Nişancı Y., Meric M., Umman S.  
79th Annual Scientific Session of the American-Heart-Association, Illinois, United States Of America, 12 - 15 November 2006, vol.114, pp.587
- IV. **Relationship between tissue level perfusion parameters and infarct size in patients with acute myocardial infarction**  
OKCULAR I., Sezer M., GOREN T., Umman B., Bugra Z., Nişancı Y., Meric M., Umman S.  
79th Annual Scientific Session of the American-Heart-Association, Illinois, United States Of America, 12 - 15 November 2006, vol.114, pp.587
- V. **The use of human heart-type fatty acid binding protein as an early diagnostic biochemical marker of myocardial necrosis in patients with acute coronary syndrome**  
RUZGAR O., BILGE A. K. , Bugra Z., OZBEN B., UMMAN S., YILMAZ E., UMMAN B., MERIC M.  
28th Congress of the European-Society-of-Cardiology/World Congress of Cardiology, Barcelona, Spain, 2 - 06 September 2006, vol.27, pp.71
- VI. **Chronic renal failure is associated with poor coronary collateral development**  
Sezer M., Ozcan M., Okcular I., Elitok A., Umman S., Umman B., Bilge A., Meric M.  
28th Congress of the European-Society-of-Cardiology/World Congress of Cardiology, Barcelona, Spain, 2 - 06 September 2006, vol.27, pp.77
- VII. **Crucial role of platelets in microvascular injury in patients with acute anterior wall myocardial infarction treated with primary percutaneous coronary intervention**  
Sezer M., Okcular I., Goren T., Nisanci Y., Umman B., Mercanoglu F., Meric M., Umman S.  
28th Congress of the European-Society-of-Cardiology/World Congress of Cardiology, Barcelona, Spain, 2 - 06 September 2006, vol.27, pp.513
- VIII. **Cardiac involvement in a group of patients with dysferlinopathy**  
Yilmazer S., Umman B., Parman Y., Deymeer F., Bushby K., Al-Raqad M., Serdaroglu P.  
11th International Congress on Neuromuscular Diseases, İstanbul, Turkey, 2 - 07 July 2006, vol.16
- IX. **Intracoronary streptokinase infusion just following primary percutaneous coronary intervention improves microvascular perfusion and integrity in patients with acute myocardial infarction**  
Sezer M., Oflaz H., Goren T., Okcular I., Nisanci Y., Umman B., Bilge A., Meric M., Umman S.  
55th Annual Scientific Session of the American-College-of-Cardiology, Georgia, United States Of America, 11 - 14 March 2006, vol.47
- X. **Assessing myocardial perfusion in patients with reperfused acute anterior myocardial infarction: Comparison of the invasive and non-invasive indices**  
Sezer M., Umman S., Oflaz S., Goren T., Okcular I., Erdemsel Y., Umman B., Nisanci Y., Meric M.  
78th Annual Scientific Session of the American-Heart-Association, Texas, United States Of America, 13 - 16 November 2005, vol.112

- XI. **Association of peripheral neutrophilia with the degree of microvascular injury in patients with acute anterior wall myocardial infarction treated with percutaneous coronary intervention**  
Sezer M., Umman S., Huseyin O., Goren T., Okcular I., Tayyareci Y., Umman B., Nisanci Y., Meric M.  
78th Annual Scientific Session of the American-Heart-Association, Texas, United States Of America, 13 - 16 November 2005, vol.112
- XII. **Efficiency of intracoronary stem cell transplantation in patients with acute myocardial infarction and chronic ischemic cardiomyopathy**  
Tayyareci Y., Nisanci Y., Sezer M., Olcay A., Umman B., Oncul A., Meric M.  
17th Annual Transcatheter Cardiovascular Therapeutics Symposium, Washington, Kiribati, 17 - 21 October 2005, vol.96
- XIII. **The role of aspirin resistance on outcome in patients with acute coronary syndrome and the effect of clopidogrel therapy in the prevention of major cardiovascular events**  
Pamukcu B., Nisanci Y., Oflaz H., Umman B., Onur I., Umman S.  
27th Congress of the European-Society-of-Cardiology, Stockholm, Sweden, 3 - 07 September 2005, vol.26, pp.563
- XIV. **The role of exercise on platelet aggregation in patients with stable coronary artery disease: exercise induces aspirin resistant platelet activation**  
Pamukcu B., Oflaz H., Acar R. D. , Umman S., Koylan N., Umman B., Nisanci Y.  
27th Congress of the European-Society-of-Cardiology, Stockholm, Sweden, 3 - 07 September 2005, vol.26, pp.255
- XV. **Relationship between pressure-derived collateral flow index and microvascular function and integrity after reperfused acute myocardial infarction**  
Sezer M., Nisanci Y., Umman B., Ozcan M., Olcay A., Okcular I., Esen B., Meric M.  
ESC Congress 2004, Munich, Germany, 28 August - 01 September 2004, vol.25, pp.431
- XVI. **Effect of preinfarction angina pectoris on microcirculation in patients with reperfused acute myocardial infarction**  
Sezer M., Nisanci Y., Umman B., Umman S., Ozsaruhan O., Erzengin F.  
15th Annual Transcatheter Cardiovascular Therapeutics Symposium, Washington, Kiribati, 15 - 19 September 2003, vol.92
- XVII. **Effect of preinfarction angina pectoris on microcirculation in patients with reperfused acute myocardial infarction**  
Sezer M., Nisanci Y., Umman B., Yilmaz E., Erdemsel Y., Filorinali N., Olcay A., Ozsaruhan O.  
Congress of the European-Society-of-Cardiology, Vienna, Austria, 30 August - 03 September 2003, vol.24, pp.327
- XVIII. **A new support for clarifying the relationship between ST-segment resolution and microvascular function: Degree of ST-segment resolution correlates with the pressure-derived collateral flow index**  
Sezer M., Nisanci Y., Umman B., Yilmaz E., Ozsaruhan O., Erzengin F.  
American-Heart-Association Abstracts From Scientific Sessions, CHICAGO, ILLINOIS, 17 - 20 November 2002, vol.106, pp.597
- XIX. **Relationship between corrected Timi frame count and collateral flow in patients with recent myocardial infarction**  
Nisanci Y., Umman B., Sezer M., Erzengin F., Ozsaruhan O.  
4th International Congress on Coronary Artery Disease, PRAGUE, Czech Republic, 21 - 24 October 2001, pp.669-676
- XX. **X-Sendromu hastalarının klinik, anjiyografik ve risk faktörleri bakımından incelenmesi**  
Ünlüer O., OFLAZ H., Nişancı Y., ÖNCÜL A., GOREN T., UMMAN B., UMMAN S., BUĞRA M. Z. , MERCANOĞLU F., MERİÇ M., et al.  
XII. Ulusal Kardiyoloji Kongresi, Antalya, Turkey, 16 - 20 October 1996, pp.340
- XXI. **Kronik total koroner oklüzyonda uygulanan koroner anjiyoplasti sonuçlarının değerlendirilmesi.**  
Nişancı Y., Tükek T., MERİÇ M., UMMAN S., GOREN T., ÖNCÜL A., BUĞRA M. Z. , UMMAN B., MERCANOĞLU F., YILMAZ E., et al.  
XII. Ulusal Kardiyoloji Kongresi, Antalya, Turkey, 16 - 20 October 1996, pp.245
- XXII. **Erken repolarizasyon ve QT dispersiyon ilişkisi.**  
UMMAN B., UMMAN S., Azarbaz M., BUĞRA M. Z. , Nişancı Y., Büyüköztürk K., ERTEM G.

- XII. Ulusal Kardiyoloji Kongresi, Antalya, Turkey, 16 - 20 October 1996, pp.120
- XXIII. **Hafif-orta dereceli esansiyel hipertansiyonu olan tedavi görmemiş hastalarda sol ventrikülün geometrik şekillenmesinin ve hipertrofinin tipleri ve QT dağılımı.**  
BUĞRA M. Z. , KOYLAN N., VURAL A., UMMAN B., MERCANOĞLU F., YILMAZ E., ERZENGIN F., MERİÇ M., Büyüköztürk K., ERTEM G.  
XII. Ulusal Kardiyoloji Kongresi, Antalya, Turkey, 16 - 20 October 1996, pp.93
- XXIV. **Relationship between clinical blood pressure, left ventricular echocardiographic variable and exercise test parameters in patients with essential hypertension**  
EREN N., Erzengin F., MERCANOĞLU F., UMMAN B., UMMAN S., BUĞRA M. Z. , ÖNCÜL A., HELVACI A., Büyüköztürk K., ERTEM G.  
Turkish-German Joint Meeting on Hypertension and Atherosclerosis, Muğla, Turkey, 21 - 25 April 1996, pp.106
- XXV. **Left ventricular hypertrophy patterns and ventricular remodeling in essential hypertension**  
KOYLAN N., BUĞRA M. Z. , VURAL A., UMMAN B., MERCANOĞLU F., Sağbaş A., Erzengin F., MERİÇ M., Büyüköztürk K.  
Turkish-German Joint Meeting on Hypertension and Atherosclerosis, Muğla, Turkey, 21 - 25 April 1996, pp.106
- XXVI. **A new echocardiographic grading system to evaluate structural and functional changes in hypertensive heart.**  
EREN N., Erzengin F., MERCANOĞLU F., UMMAN B., BUĞRA M. Z. , ÖNCÜL A., HELVACI A., Büyüköztürk K., ERTEM G.  
Turkish-German Joint Meeting on Hypertension and Atherosclerosis, Muğla, Turkey, 21 - 25 April 1996, pp.64
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X. Ulusal Kardiyoloji Kongresi, İzmir, Turkey, 1 - 04 October 1994, pp.282
- XXVIII. **Hafif ya da orta derecede esansiyel hipertansiyonlu hastalarda Benazepril ve Captopril'in etkileri: Çok merkezli, çift kör ve karşılaştırmalı bir çalışma**  
ADALET K., Nalbantgil İ., Kılıçcıoğlu B., KOYLAN N., BUĞRA M. Z. , UMMAN B., ADALET I., Erzengin F., Büyüköztürk K.  
X. Ulusal Kardiyoloji Kongresi, İzmir, Turkey, 1 - 04 October 1994, pp.207
- XXIX. **Esansiyel hipertansiyonlu hastalarda Captopril ve Benazepril'in sol ventrikül fonksiyonlarına etkilerinin radyonüklid ventrikülografi ile değerlendirilmesi: Çift kör ve karşılaştırmalı bir çalışma**  
ADALET I., ADALET K., Heper C., Şirali M., Orak E., BUĞRA M. Z. , UMMAN B., KOYLAN N., Cantez S., Büyüköztürk K.  
X. Ulusal Kardiyoloji Kongresi, İzmir, Turkey, 1 - 04 October 1994, pp.118
- XXX. **Koronar arter total oklüzyonu anjiyoplastisinin sol ventrikül duvar hareketlerine etkisi**  
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X. Ulusal Kardiyoloji Kongresi, İzmir, Turkey, 1 - 04 October 1994, pp.202
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III. Ulusal Ekokardiyografi Kongresi, Antalya, Turkey, 10 - 12 May 1994, pp.39
- XXXII. **Aort valvülü dejenerasyonu ile karotis arter hastalığı arasındaki ilişki**  
ÖNCÜL A., UMMAN S., BUĞRA M. Z. , UMMAN B., HELVACI A., Erzengin F., GOREN T., ADALET K., Büyüköztürk K., ERTEM G.  
III. Ulusal Ekokardiyografi Kongresi, Antalya, Turkey, 10 - 12 May 1994, pp.13
- XXXIII. **Hipertrofik obstrüktif kardiyomyopatiye kısa süreli amiodarone tedavisinin etkileri**  
UMMAN B., Nişancı Y., UMMAN S., BUĞRA M. Z. , Okur Ö., Kaymaz C., ÖNCÜL A., OZSARUHAN O., ERTEM G.  
IX. Ulusal Kardiyoloji Kongresi, Bursa, Turkey, 28 September - 01 October 1993, pp.33
- XXXIV. **Kronik atriyal fibrilasyonlu hastalarda kardiyoversiyon**  
UMMAN S., GOREN T., UMMAN B., BUĞRA M. Z. , ÖNCÜL A., Atılgan D., MERİÇ M., ADALET K., Büyüköztürk K., ERTEM G., et al.  
IX. Ulusal Kardiyoloji Kongresi, Bursa, Turkey, 28 September - 01 October 1993, pp.179
- XXXV. **Hafif ya da orta derecede hipertansiyonlu hastalarda uzun etkili bir kalsiyum antagonisti olan**

**felodipinin etkinliđi: Tek kr plasebo kontroll bir alıřma.**

ADALET K., KOYLAN N., BUĐRA M. Z. , UMMAN B., NCL A., ERTEM G.

İstanbul Tıp Fakltesi 11. Kurultayı, İstanbul, Turkey, 22 - 25 September 1991, pp.87

## **Activities in Scientific Journals**

Anadolu Kardiyoloji Dergisi, Assistant Editor, 2014 - 2018

İstanbul Tıp Fakltesi Dergisi, Publication Committee Member, 2014 - 2018

## **Citations**

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h-index (WOS):17