



# YUSUF EMRE GÜREL

## PROF.

**Other Email :** emregurelctf@yahoo.com

**Email :** emre.gurel@marmara.edu.tr

### International Researcher IDs

ScholarID: 0wyfW14AAAAJ

ORCID: 0000-0003-0901-9958

Publons / Web Of Science ResearcherID: AFQ-4695-2022

Yoksis Researcher ID: 232211



## Learning Knowledge

Expertise In Medicine  
2003 - 2009

Kardiyoloji, Turkey

Undergraduate  
1996 - 2003

İstanbul University-Cerrahpaşa, Cerrahpasa Faculty Of Medicine, Turkey

## Foreign Languages

English, C1 Advanced

## Dissertations

Expertise In Medicine, The clinical importance of flow-mediated dilation in brachial artery and plasma asymmetric dimethyl arginine level in diagnosis of coronary artery disease confirmed by multislice computed tomography, 2009

## Academic Titles / Tasks

Professor  
2024 - Continues

Marmara University, School Of Medicine, Internal Medical Sciences

Associate Professor  
2022 - 2024

Marmara University, School Of Medicine, Internal Medical Sciences

## Scholarships

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

1. **The Impact of Cystic Fibrosis- and Noncystic Fibrosis-Bronchiectasis on Pulmonary Artery Wall Thickness and Right Heart Functions Assessed by Speckle-Tracking Echocardiography**  
Gürel E., VEZİR D., Güçtekin T., Doğan Z., KOCAKAYA D., Olgun S., SÜNBÜL M., Çinçin A., Özben B., SAYAR N., et al.  
Anatolian journal of cardiology, vol.27, no.6, pp.319-327, 2023 (SCI-Expanded)
2. **The evaluation of right ventricle dyssynchrony by speckle tracking echocardiography in systemic sclerosis patients**  
Demirci M., ÖZBEN SADIÇ B., SÜNBÜL M., Cincin A., Gurel Y. E., Guctekin T. B., Dogan Z., Sahinkaya Y., DİRESKENELİ R. H., Tigen K., et al.  
JOURNAL OF CLINICAL ULTRASOUND, vol.49, no.9, pp.895-902, 2021 (SCI-Expanded)
3. **Bleeding risk with concomitant use of tirofiban and third-generation P2Y12 receptor antagonists in patients with acute myocardial infarction: A real-life data.**  
TİGEN M. K., Ozdil M. H., Cincin A., Gurel E., SÜNBÜL M., Sahin A., Guctekin T., Dogan Z., SAYAR N., ÖZBEN SADIÇ B.  
Anatolian journal of cardiology, vol.25, no.10, pp.699-705, 2021 (SCI-Expanded)
4. **The effect of cardiac rehabilitation on blood pressure, and on left atrial and ventricular functions in hypertensive patients.**  
Şahin A. A., Özben Sadiç B., Sünbül M., Yağcı İ., Sayar N., Çinçin A. A., Gurel E., Tigen M. K., Başaran A. Y.  
Journal of clinical ultrasound : JCU, vol.49, no.5, pp.456-465, 2021 (SCI-Expanded)
5. **Ventricular and atrial functions assessed by speckle-tracking echocardiography in patients with human immunodeficiency virus.**  
Cincin A., ÖZBEN SADIÇ B., Tukenmez Tigen E., SÜNBÜL M., SAYAR N., Gurel E., Tigen K., KORTEN V.  
Journal of clinical ultrasound : JCU, vol.49, no.4, pp.341-350, 2021 (SCI-Expanded)
6. **Evaluation of right ventricular dyssynchrony in patients with acute inferior myocardial infarction and its relation with mortality.**  
Kantar B., Tigen M. K., Sunbul M., Cincin A., Gurel E., Sayar N., Kepez A., Sadic B.  
Echocardiography (Mount Kisco, N.Y.), vol.37, no.10, pp.1610-1616, 2020 (SCI-Expanded)
7. **The evaluation of ventricular functions by speckle tracking echocardiography in preeclamptic patients**  
Paudel A., Tigen K., YOLDEMİR A. T., Guclu M., YILDIZ İ., Cincin A., SÜNBÜL M., Gurel E., SAYAR N., ÖZBEN SADIÇ B.  
INTERNATIONAL JOURNAL OF CARDIOVASCULAR IMAGING, vol.36, no.9, pp.1689-1694, 2020 (SCI-Expanded)
8. **Right atrial and ventricular functions assessed by speckle tracking echocardiography in nonmassive acute pulmonary embolism**  
BAYRAM T., SAYAR N., BOSTAN Ö. C., SÜNBÜL M., ÇİNÇİN A. A., TİGEN M. K., KANAR B. G., GUREL Y. E., ERYÜKSEL S. E., ÖZBEN SADIÇ B.  
ANATOLIAN JOURNAL OF CARDIOLOGY, 2018 (SCI-Expanded)
9. **The value of high-sensitive troponin in systemic sclerosis patients**  
DEMIRCI M., ÖZBEN SADIÇ B., ÇİNÇİN A. A., GUREL Y. E., SÜNBÜL M., ÖZDİL M. H., SAHİNKAYA Y., ÖZDEMİR B., DİRESKENELİ R. H., TİGEN M. K., et al.  
ANATOLIAN JOURNAL OF CARDIOLOGY, 2018 (SCI-Expanded)
10. **Right ventricle mechanical dispersion in patients with systemic sclerosis**  
DEMIRCI M., GUREL Y. E., SÜNBÜL M., ÇİNÇİN A. A., ŞAHİNKAYA Y., DİRESKENELİ R. H., ÖZDİL M. H., TİGEN M. K., ÖZBEN SADIÇ B., SAYAR N.  
ANATOLIAN JOURNAL OF CARDIOLOGY, 2018 (SCI-Expanded)
11. **Right ventricle outflow tract fractional shortening: A practical parameter for the assessment of right ventricular systolic function**  
DEMIRCI M., SÜNBÜL M., GUREL Y. E., ÇİNÇİN A. A., ÖZDİL M. H., SAYMAZ S., SAHİNKAYA Y., DİRESKENELİ R. H., TİGEN M. K., ÖZBEN SADIÇ B., et al.

ANATOLIAN JOURNAL OF CARDIOLOGY, 2018 (SCI-Expanded)

12. **Short and Long Term Mortality Predictors in Octogenarians with Acute Coronary Syndromes**  
Atas H., Tigen K., Ozben B., Kartal F., Gurel E., Atas D., Sari İ., Basaran Y.  
CLINICAL AND INVESTIGATIVE MEDICINE, vol.41, no.2, 2018 (SCI-Expanded)
13. **The Impact of Function-Flow Interaction on Left Ventricular Efficiency in Patients with Conduction Abnormalities: A Particle Image Velocimetry and Tissue Doppler Study**  
Gurel E., Prinz C., Van Casteren L., Gao H., Willems R., Voigt J.  
JOURNAL OF THE AMERICAN SOCIETY OF ECHOCARDIOGRAPHY, vol.29, no.5, pp.431-440, 2016 (SCI-Expanded)
14. **The value of the Duke treadmill score in predicting the presence and severity of coronary artery disease**  
Gunaydin Z. Y., Bektas O., Gurel Y. E., Karagoz A., Kaya A., Kiris T., Zeren G., Yazici S.  
KARDIOLOGIA POLSKA, vol.74, no.2, pp.127-134, 2016 (SCI-Expanded)
15. **Diffuse coronary artery aneurysms involving three major vessels in a patient with Behçet's disease.**  
Gurel E., Ozal E., Atas H.  
Postepy w kardiologii interwencyjnej = Advances in interventional cardiology, vol.12, no.2, pp.179-80, 2016 (SCI-Expanded)
16. **Right ventricular and atrial functions in patients with nonischemic dilated cardiomyopathy.**  
Tigen K., Karaahmet T., Dundar C., Cincin A., ÖZBEN SADIÇ B., Guler A., Gurel E., SÜNBUİL M., Basaran Y.  
Wiener klinische Wochenschrift, vol.127, no.21-22, pp.877-883, 2015 (SCI-Expanded)
17. **Apical transverse motion is associated with speckle-tracking radial dyssynchrony in patients with non-ischemic dilated cardiomyopathy.**  
Gurel E., Tigen K., Karaahmet T., Dundar C., Guler A., Basaran Y.  
Anatolian journal of cardiology, vol.15, no.8, pp.620-5, 2015 (SCI-Expanded)
18. **Author's reply**  
Gürel E., Tigen K.  
Anadolu Kardiyoloji Dergisi, vol.15, no.7, pp.594, 2015 (SCI-Expanded)
19. **Apical transverse motion is associated with speckle-tracking radial dyssynchrony in patients with non-ischemic dilated cardiomyopathy Reply**  
Gurel E., Tigen K.  
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.15, no.7, pp.594, 2015 (SCI-Expanded)
20. **Right ventricular function in hypertrophic cardiomyopathy: A speckle tracking echocardiography study.**  
Cincin A., Tigen K., Karaahmet T., Dundar C., Gurel E., Bulut M., SÜNBUİL M., Basaran Y.  
Anatolian journal of cardiology, vol.15, no.7, pp.536-41, 2015 (SCI-Expanded)
21. **Author's Reply.**  
Gürel E., Tigen K.  
Anatolian journal of cardiology, vol.15, no.7, pp.594, 2015 (SCI-Expanded)
22. **Successful device closure in a congenital Gerbode defect**  
Gunaydin Z. Y., Guerel Y. E., Bektas O., Kaya A.  
POSTEPY W KARDIOLOGII INTERWENCYJNEJ, vol.11, no.2, pp.158-159, 2015 (SCI-Expanded)
23. **Predictive value of plasma asymmetric dimethylarginine, homocysteine, and high-sensitive CRP levels in occult coronary artery disease: A multidetector-row computed tomography study.**  
Gurel E., Tigen K., Karaahmet T., Gecmen C., Mutlu B., Basaran Y.  
Herz, vol.40, no.3, pp.495-501, 2015 (SCI-Expanded)
24. **Author's reply.**  
Günaydin Z. Y., Gürel Y. E.  
Anatolian journal of cardiology, vol.15, no.1, pp.86-7, 2015 (SCI-Expanded)
25. **Aortic elastic properties predict occult coronary artery disease: a multidetector row computed tomography study.**  
Gurel E., Tigen K., Karaahmet T., Gecmen C., MUTLU B., Bulut M., Basaran Y.  
Kardiologia polska, vol.73, no.2, pp.101-8, 2015 (SCI-Expanded)

26. **Spontaneous Isolated Pericardial Tamponade Associated with Warfarin**  
Akgedik R., Gunaydin Z. Y., Kizilirmak D., Gurel Y. E.  
BALKAN MEDICAL JOURNAL, vol.32, no.1, pp.135-136, 2015 (SCI-Expanded)
27. **Re: Apical transverse motion is associated with speckle-tracking radial dyssynchrony in patients with non-ischemic dilated cardiomyopathy**  
Gürel E., Tigen K.  
Anatolian Journal of Cardiology, vol.15, no.7, pp.594, 2015 (SCI-Expanded)
28. **Acute myocardial infarction induced by axitinib**  
Gurel E., Gunaydin Z. Y., Karaoglanoglu M., Kiris T.  
ANADOLU KARDIYOLOJİ DERGİSİ-THE ANATOLIAN JOURNAL OF CARDIOLOGY, vol.14, no.7, pp.661, 2014 (SCI-Expanded)
29. **The association of intracardiac hydatid cyst and muscle bridge cause electrocardiographic abnormality detected by multimodality imaging**  
Gunaydin Z. Y., Gurel Y. E., Kaya A.  
ANADOLU KARDIYOLOJİ DERGİSİ-THE ANATOLIAN JOURNAL OF CARDIOLOGY, vol.14, no.7, 2014 (SCI-Expanded)
30. **Peripartum cardiomyopathy associated with triplet pregnancy**  
Gunaydin Z. Y., Gurel Y. E., Erdogan G., Kaya A.  
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.14, no.7, pp.661-662, 2014 (SCI-Expanded)
31. **Successful surgical treatment of aggressive right-sided infective endocarditis in a chronic hemodialysis patient**  
Gurel E., Gunaydin Z. Y., Urkmez M., Koprulu D., Kiris T.  
TURK GOGUS KALP DAMAR CERRAHİSİ DERGİSİ-TURKISH JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY, vol.22, no.4, pp.856-859, 2014 (SCI-Expanded)
32. **A rare cause of acute coronary syndrome: malignant right coronary artery**  
Gunaydin Z. Y., Gurel Y. E., Kurt A. B.  
TURK GOGUS KALP DAMAR CERRAHİSİ DERGİSİ-TURKISH JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY, vol.22, no.4, pp.893-894, 2014 (SCI-Expanded)
33. **The effect of myocardial fibrosis on left ventricular torsion and twist in patients with non-ischemic dilated cardiomyopathy.**  
Karaahmet T., Gurel E., Tigen K., Guler A., Dundar C., Fotbolcu H., Basaran Y.  
Cardiology journal, vol.20, no.3, pp.276-86, 2013 (SCI-Expanded)
34. **No Harmful Effect of Dialysis-Induced Hypotension on the Myocardium in Patients Who Have Normal Ejection Fraction and a Negative Exercise Test**  
FOTBOLCU H., Oduncu V., Gurel E., Cevik C., Erkol A., Ozden K., Guven B., Dayan A., Sirin G., Basaran Y.  
KIDNEY & BLOOD PRESSURE RESEARCH, vol.35, no.6, pp.671-677, 2012 (SCI-Expanded)
35. **The predictive value of flow-mediated dilation and carotid artery intima-media thickness for occult coronary artery disease.**  
MUTLU B., Tigen K., Gurel E., ÖZBEN SADIÇ B., Karaahmet T., Basaran Y.  
Echocardiography (Mount Kisco, N.Y.), vol.28, no.10, pp.1141-7, 2011 (SCI-Expanded)
36. **Early spontaneous reperfusion in the right coronary artery of a patient with acute inferior myocardial infarction**  
Karaahmet T., Keles N., Gurel Y. E., Guneyisu T., Mutlu B., Basaran Y.  
TURK GOGUS KALP DAMAR CERRAHİSİ DERGİSİ-TURKISH JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY, vol.19, no.3, pp.446-448, 2011 (SCI-Expanded)
37. **Selection of candidates for cardiac resynchronization therapy: late gadolinium enhanced cardiac magnetic resonance as a new and promising predictor of intraventricular dyssynchrony.**  
Gurel E., Tigen K.  
Anadolu kardiyoloji dergisi : AKD = the Anatolian journal of cardiology, vol.11, no.3, pp.263-8, 2011 (SCI-Expanded)
38. **Intraventricular and papillary muscle dyssynchrony is related to the diastolic phase of functional mitral regurgitation in patients with non-ischemic dilated cardiomyopathy.**

- Karaahmet T., Tigen K., Dundar C., Cevik C., Guler A., Gurel E., Kirma C.  
The Journal of heart valve disease, vol.20, no.2, pp.136-45, 2011 (SCI-Expanded)
39. **Fragmented QRS complexes are associated with cardiac fibrosis and significant intraventricular systolic dyssynchrony in nonischemic dilated cardiomyopathy patients with a narrow QRS interval.**  
Basaran Y., Tigen K., Karaahmet T., Isiklar I., Cevik C., Gurel E., Dundar C., Pala S., Mahmutyazicioglu K., Basaran O.  
Echocardiography (Mount Kisco, N.Y.), vol.28, no.1, pp.62-8, 2011 (SCI-Expanded)
40. **Grading functional mitral regurgitation by tissue Doppler-derived isovolumic acceleration parameters in patients with nonischemic dilated cardiomyopathy.**  
Karaahmet T., Tigen K., Gurel E., Cevik C., Dundar C., FOTBOLCU H., Pala S., Basaran Y.  
Echocardiography (Mount Kisco, N.Y.), vol.27, no.7, pp.815-22, 2010 (SCI-Expanded)
41. **Impact of systemic sclerosis on electromechanical characteristics of the heart.**  
Karaahmet T., Tigen K., Gurel E., Takir M., Avci A., Cevik C., Pala S., Dundar C., Basaran Y.  
Heart and vessels, vol.25, no.3, pp.223-8, 2010 (SCI-Expanded)
42. **Usefulness of Isovolumic Acceleration and Tissue Doppler Echocardiographic Parameters for Predicting Postoperative Functional Recovery After Heart Valve Surgery**  
Tigen K., Karaahmet T., Zencirkiran H., Cevik C., Gurel E., FOTBOLCU H., Dundar C., Sasmazel A., Basaran Y.  
REVISTA ESPANOLA DE CARDIOLOGIA, vol.63, no.4, pp.430-438, 2010 (SCI-Expanded)
43. **Coronary artery disease in patients with peripheral artery disease**  
Duran N. E., Duran I., Gurel E., Gunduz S., Gol G., Biteker M., Ozkan M.  
HEART & LUNG, vol.39, no.2, pp.116-120, 2010 (SCI-Expanded)
44. **Spontaneous dissection of left anterior descending coronary artery in a young man.**  
Tigen K., Karaahmet T., Gurel E., Durmus H. I., Kirma C.  
Texas Heart Institute journal, vol.37, no.1, pp.131-3, 2010 (SCI-Expanded)
45. **The utility of heart rate recovery to predict right ventricular systolic dysfunction in patients with obesity.**  
Tigen K., Karaahmet T., Gürel E., Çevik C., Yilmaz F., Avci A., Pala S., Mutlu B., Başaran Y.  
Anadolu kardiyoloji dergisi : AKD = the Anatolian journal of cardiology, vol.9, no.6, pp.473-9, 2009 (SCI-Expanded)
46. **The utility of fragmented QRS complexes to predict significant intraventricular dyssynchrony in nonischemic dilated cardiomyopathy patients with a narrow QRS interval.**  
Tigen K., Karaahmet T., Gurel E., Cevik C., Nugent K., Pala S., Tanalp A. C., Mutlu B., Basaran Y.  
The Canadian journal of cardiology, vol.25, no.9, pp.517-22, 2009 (SCI-Expanded)
47. **Papillary muscle dyssynchrony as a cause of functional mitral regurgitation in non-ischemic dilated cardiomyopathy patients with narrow QRS complexes.**  
Tigen K., Karaahmet T., Gürel E., Çevik C., Otahbachi M., Pala S., Tanalp A. C., Mutlu B., Başaran Y.  
Anadolu kardiyoloji dergisi : AKD = the Anatolian journal of cardiology, vol.9, no.3, pp.196-203, 2009 (SCI-Expanded)
48. **Apical transverse motion as surrogate parameter to determine regional left ventricular function inhomogeneities: a new, integrative approach to left ventricular asynchrony assessment**  
Voigt J., Schneider T., Korder S., Szulik M., Guerel E., Daniel W. G., Rademakers F., Flachskampf F. A.  
EUROPEAN HEART JOURNAL, vol.30, no.8, pp.959-968, 2009 (SCI-Expanded)
49. **Spontaneous dissection of the left main coronary artery regressed with thrombolytic therapy: evaluation with multislice computed tomography angiography.**  
Karaahmet T., Tigen K., Gürel E., Çevik C., Mutlu B., Başaran Y.  
Anadolu kardiyoloji dergisi : AKD = the Anatolian journal of cardiology, vol.9, no.1, 2009 (SCI-Expanded)
50. **Prognostic utility of anemia and pro-B-type natriuretic peptide in patients with nonischemic dilated cardiomyopathy and normal renal function.**  
Tigen K., Karaahmet T., Cevik C., Gurel E., Mutlu B., Basaran Y.  
The American journal of the medical sciences, vol.337, no.2, pp.109-15, 2009 (SCI-Expanded)
51. **Biventricular noncompaction: A case report**  
Tigen K., Karaahmet T., Gurel E., Cevik C., Basaran Y.  
ECHOCARDIOGRAPHY-A JOURNAL OF CARDIOVASCULAR ULTRASOUND AND ALLIED TECHNIQUES, vol.25, no.9,

pp.993-996, 2008 (SCI-Expanded)

52. **A Complex Case of Congenital Cardiac Anomaly: Pulmonary Atresia and Ventricular Septal Defect Associated with Major Aortopulmonary Collaterals**  
Tigen K., Gurel E., Karaahmet T., Cevik C., Mutlu B., Basaran Y.  
HEART SURGERY FORUM, vol.11, no.4, 2008 (SCI-Expanded)
53. **Value of clinical, electrocardiographic, echocardiographic and neurohumoral parameters in non-ischaemic dilated cardiomyopathy**  
Tigen K., Karaahmet T., Tanalp A. C., Gurel E., Cevik C., Mutlu B., Basaran Y.  
ACTA CARDIOLOGICA, vol.63, no.2, pp.207-212, 2008 (SCI-Expanded)
54. **Clinical significance of high-density lipoprotein cholesterol in left-sided infective endocarditis**  
Kahveci G., Bayrak F., Muflu B., Gurel Y. E., Karaahmet T., Tigen K., Basaran Y.  
AMERICAN JOURNAL OF CARDIOLOGY, vol.101, no.8, pp.1170-1173, 2008 (SCI-Expanded)
55. **Discrete membranous Subaortic stenosis complicated by infective endocarditis: A case report**  
Gurel E., Karaahmet T., Tanalp A. C., Mutlu B., Basaran Y.  
HEART SURGERY FORUM, vol.10, no.4, 2007 (SCI-Expanded)
56. **Myocardial infarction associated with thrombus formation in non-culprit coronary arteries**  
Boztosun B., Gurel E., Gunes Y., Olcay A.  
JOURNAL OF THROMBOSIS AND THROMBOLYSIS, vol.23, no.1, pp.73-75, 2007 (SCI-Expanded)

#### Articles Published in Other Journals

1. **Stenting of Variant Left Carotid Artery Using Brachial Artery Approach in a Patient with Unusual Type of Bovine Aortic Arch**  
Gurel E., Gunaydin Z. Y., Karagoz A., Bektas O., Bayramoglu A., Celik A., Vural A.  
CASE REPORTS IN CARDIOLOGY, vol.2016, 2016 (ESCI)
2. **Protective effect of elevated bilirubin levels on cardiovascular disease in patients with Gilbert syndrome.**  
Gurel E., TIGEN M. K.  
Turk Kardiyoloji Dernegi arsivi : Turk Kardiyoloji Derneginin yayin organidir, vol.43, no.7, pp.591-3, 2015 (Scopus)
3. **Free floating thrombus-like image with three components in right atrium associated with Behcet's diseases**  
Gunaydin Z. Y., Bektas O., Gurel Y. E., Kaya A.  
TURK KARDIYOLOJİ DERNEĞİ ARSIVI-ARCHIVES OF THE TURKISH SOCIETY OF CARDIOLOGY, vol.43, no.3, pp.315, 2015 (ESCI)
4. **The Dilemma of acute myocarditis and acute myocardial infarction a case report**  
GÜNAYDIN Z. Y., ENGİNYURT Ö., GÜREL Y. E., KAYA A.  
Abant Tıp Dergisi, vol.4, no.3, pp.272-276, 2015 (Peer-Reviewed Journal)
5. **ST elevation myocardial infarction due to left main coronary artery thrombus and vasospasm associated with 5 fluorouracil Case report**  
GÜNAYDIN Z. Y., ÇİLTAŞ A., GÜREL Y. E.  
TÜRKİYE KLİNİKLERİ CARDIOVASCULAR SCIENCES, vol.26, no.2, pp.96-99, 2014 (Peer-Reviewed Journal)
6. **The role of isovolumic acceleration in predicting subclinical right and left ventricular systolic dysfunction in hypertensive obese patients.**  
Tigen M. K., Karaahmet T., Gürel E., DüNDAR C., Pala S., ÇEVİK C., AKÇAKOYUN M., BAŞARAN Y.  
Turk Kardiyoloji Dernegi arsivi : Turk Kardiyoloji Derneginin yayin organidir, vol.39, no.1, pp.9-15, 2011 (Scopus)
7. **The association of functional mitral regurgitation and anemia in patients with non-ischemic dilated cardiomyopathy.**  
Tigen K., Karaahmet T., Kirma C., Kilicgedik A., Dundar C., Pala S., Cevik C., Guler A., Gurel E., Basaran Y.  
Cardiology journal, vol.17, no.3, pp.274-80, 2010 (Peer-Reviewed Journal)

8. **QRS fragmentation is associated with functional mitral regurgitation and papillary muscle dyssynchrony in patients with non ischemic dilated cardiomyopathy and sinus rhythm**  
TİGEN M. K., KARAAHMET T., GÜREL Y. E., PALA S., DÜNDAR C., AKÇAKOYUN M., ÇEVİK C., BAŞARAN O., BAŞARAN A. Y.  
KOSUYOLU HEART JOURNAL, vol.13, no.1, pp.5-10, 2010 (Peer-Reviewed Journal)
9. **Prognostic utility of right ventricular systolic functions assessed by tissue doppler imaging in dilated cardiomyopathy and its correlation with plasma NT-pro-BNP levels.**  
Tigen K., Karaahmet T., Cevik C., Gurel E., Pala S., Mutlu B., Basaran Y.  
Congestive heart failure (Greenwich, Conn.), vol.15, no.5, pp.234-9, 2009 (Scopus)
10. **Dystrophic calcification of the aneurysmatic left ventricular apex.**  
Karaahmet T., Tigen K., Gurel E., Tanalp A. C., Basaran Y.  
Congestive heart failure (Greenwich, Conn.), vol.15, no.4, pp.196-8, 2009 (Scopus)
11. **Prognostic significance of left ventricular systolic dyssynchrony in patients with nonischemic dilated cardiomyopathy.**  
Karaahmet T., Tigen K., Mutlu B., Gürel E., Çevik C., Kahveci G., Tanalp A. C., Başaran Y.  
Turk Kardiyoloji Dernegi arsivi : Turk Kardiyoloji Derneginin yayin organidir, vol.37, no.5, pp.301-6, 2009 (Scopus)
12. **The influence of dipper and nondipper blood pressure patterns on left ventricular functions in hypertensive patients: a tissue Doppler study.**  
Tigen K., Karaahmet T., Fotbolcu H., Gürel E., Çevik C., Geçmen Ç., Bitigen A., Mutlu B., Basaran Y.  
Turk Kardiyoloji Dernegi arsivi : Turk Kardiyoloji Derneginin yayin organidir, vol.37, no.2, pp.101-6, 2009 (Scopus)
13. **Acute anterior myocardial infarction secondary to a myocardial muscular bridge.**  
Gurel E., Ozdemir N., Cevik C., Kaymaz C.  
The Journal of invasive cardiology, vol.21, no.1, 2009 (Scopus)

### Refereed Congress / Symposium Publications in Proceedings

1. **Successful revascularization of left superficial femoral and popliteal artery occlusion using retrograde posterior tibial artery Access**  
Gürel Y. E., Güçtekin T., Doğan Z., Sünbül M., Çinçin A. A., Tigen M. K.  
Advanced Stroke and Peripheral Interventions Course (ASPIC 2022), Nevşehir, Turkey, 25 - 27 February 2022
2. **Complete percutaneous revascularization in a patient with bilateral iliac and superficial femoral artery lesions**  
Gürel Y. E., Doğan Z., Güçtekin T., Sünbül M., Çinçin A. A., Tigen M. K.  
Advanced Stroke and Peripheral Interventions Course (ASPIC 2022), Nevşehir, Turkey, 25 - 27 February 2022
3. **Withdrawal Of Distal Embolism Protection Device In Extreme Case Of Tortuous Carotid**  
Doğan Z., Gürel Y. E., Güçtekin T., Çinçin A. A., Sünbül M., Tigen M. K.  
Advanced Stroke and Peripheral Intervention Course (ASPIC 2022), Nevşehir, Turkey, 25 - 27 February 2022
4. **Successful percutaneous revascularization in a left lower limb with below-the-knee amputation**  
Gürel Y. E., Güçtekin T., Doğan Z., Sünbül M., Çinçin A. A., Tigen M. K.  
Advanced Stroke and Peripheral Interventions Course (ASPIC 2022), Nevşehir, Turkey, 25 - 27 February 2022
5. **Subtotal left internal carotid artery stenosis and its successful percutaneous revascularization**  
Gürel Y. E., Doğan Z., Güçtekin T., Sünbül M., Çinçin A. A., Tigen M. K.  
Advanced Stroke and Peripheral Interventions Course (ASPIC 2022), Nevşehir, Turkey, 25 - 27 February 2022
6. **Successful percutaneous revascularization of the single patent carotid artery**  
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8. **Sleep quality paradox in patients with coronary artery disease**  
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9. **Left atrial and right atrial functions in transgender females before hormone replacement therapy assessed by 2D-speckle-tracking echocardiography**  
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10. **Endothelial functions and and carotid artery intima media thickness in transgender females before hormone replacement therapy**  
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11. **Subtle left and right ventricular dysfunction in patients with human immunodeficiency virus assessed by speckle-tracking echocardiography**  
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12. **Phasic right and left atrial functions in diabetic patients and non-diabetic obese individuals assessed by 2D-speckle tracking echocardiography**  
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13. **Percutaneous treatment of iatrogenic pseudoaneurysms with human thrombin injection one center experience**  
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SAYAR N., ÖZBEN SADIÇ B., ÖZDİL M. H., SÜNBL M., ÇİNÇİN A. A., Gurel E., ŞAHİN A. A., TİGEN M. K., VELİOĞLU A.  
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18. **EVALUATION OF ACUTE EFFECT OF HEMODIALYSIS ON BIATRIAL FUNCTIONS IN END-STAGE RENAL DISEASE PATIENTS ASSESSED BY TWO-DIMENSIONAL SPECKLE-TRACKING ECHOCARDIOGRAPHY**  
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20. **RIGHT AND LEFT VENTRICLE MECHANICAL DISPERSION IN ENDSTAGE RENAL DISEASE PATIENTS: DOES HEMODIALYSIS HAVE ACUTE EFFECT ON THIS NEW PARAMETER?**  
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26. **Successful Middle Cerebral Artery Mechanical Thrombectomy and Carotid Stent Implantation In A Patient With Acute Ischemic Stroke**  
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30. **Right atrial and ventricular functions assessed by speckle tracking echocardiography in nonmassive acute pulmonary embolism**  
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34. **Bleeding risk with concomitant use of tiro ban and third-generation P2Y12 receptor antagonists in patients with acute myocardial infarction**  
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36. **Right ventricular global longitudinal strain as a predictor of in-hospital mortality in patients with acute inferior myocardial infarction**  
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48. **Left ventricular and papillary muscle dyssynchrony is related to the diastolic phase of functional mitral regurgitation in patients with non ischemic dilated cardiomyopathy**  
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49. **Fragmented QRS is associated with cardiac fibrosis and significant intraventricular systolic dyssynchrony in non ischemic dilated cardiomyopathy patients with a narrow QRS interval**  
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50. **Assessment of atrial electromechanical delay by tissue Doppler echocardiography in patients with non ischemic dilated cardiomyopathy**  
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51. **QRS fragmentation is associated with functional mitral regurgitation and papillary muscle dyssynchrony in patients with non ischemic dilated cardiomyopathy and sinus rhythm**  
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52. **Non iskemik dilate kardiyomiyopati ve sinüs ritimli hastalarda QRS fragmentasyonu fonksiyonel mitral regürjitasyon ve papiller kas dissenkronisiyle ilişkilidir**  
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54. **Fragmente QRS non iskemik dilate kardiyomiyopati ve dar QRS intervalli hastalarda kardiyak fibroz ve önemli intraventriküler sistolik dissenkroni ile ilişkilidir**  
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57. **The effect of cardiac fibrosis on left ventricular remodeling diastolic function and n terminal pro b type natriuretic peptide levels in patients with non ischeamic dilated cardiomyopathy**  
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67. **Konstrüktif perikardit ve restriktif kardiyomyopatinin ayırıcı tanısında plazma NT proBNP ve C**

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69. **Dar QRS li noniskemik dilate kardiyomiyopati hastalarında fonksiyonel mitral yetersizliğinin sebebi olarak papiller adele asenkronisi**

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70. **Çok kesitli bilgisayarlı tomografi ile karşılaştırıldığında akım aracılı dilatasyon metodunun subklinik aterosklerozu belirlemedeki prediktif değeri**

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72. **İdiyopatik dilate kardiyomiyopatide intraventriküler asenkroninin prognostik önemi**

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## **Memberships / Tasks in Scientific Organizations**

European Society of Cardiology, Member, 2009 - Continues, France

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## **Metrics**

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Citation (WoS): 464

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## **Research Areas**

Health Sciences