

# Prof. MUSTAFA KÜRŞAT TİGEN

## Personal Information

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## Education Information

Expertise In Medicine, Diğer (Kurumlar,hastaneler Vb.), Hastaneler, İstanbul Kartal Koşuyolu Yüksek İhtisas Eğitim Ve Araştırma Hastanesi, Turkey 2000 - 2004

## Research Areas

Cardiovascular

## Academic Titles / Tasks

Associate Professor, Marmara University, School of Medicine, Internal Medical Sciences, 2012 - 2016

## Academic and Administrative Experience

Marmara University, School of Medicine, Internal Medical Sciences, 2017 - 2018

## Advising Theses

TİGEN M. K., Koroner arter bay-pass cerrahisi sonrası gelişen atriyal fibrilasyonun atriyal biyopsi ve atriyal speckle tracking görüntüleme yöntemleri ile öngörülebilirliğinin değerlendirilmesi, Expertise In Medicine, D.Akaslan(Student), 2013

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

- I. **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)
- II. **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)
- III. **Predictors of Concomitant Coronary Artery Disease and Major Cardiovascular Events in Patients with Acute Ischemic Stroke**

Ileri C., Ozben B., Dogan Z., Sunbul M., Bulut B., Tigen K., Sayar N., Midi I., Basaran Y.

Neurology India, vol.69, no.4, pp.916-922, 2021 (SCI-Expanded)

- IV. **The effect of cardiac rehabilitation on blood pressure, and on left atrial and ventricular functions in hypertensive patients.**  
Şahin A. A., Özben Sadıç 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)
- V. **Ventricular and atrial functions assessed by speckle-tracking echocardiography in patients with human immunodeficiency virus.**  
Cincin A., ÖZBEN SADIÇ B., Tukenmez Tigen E., SÜN BÜL M., SAYAR N., Gurel E., Tigen K., KORTEN V.  
Journal of clinical ultrasound : JCU, vol.49, no.4, pp.341-350, 2021 (SCI-Expanded)
- VI. **Time delays in each step from symptom onset to treatment in acute myocardial infarction: Results from a nation-wide TURKMI registry**  
Erol M. K., KAYIKÇIOĞLU L. M., Kilickap M., Guler A., Ozturk O., Tuncay B., İNCİ S., Balaban I., Tatar F. p., Cirakoglu O. F., et al.  
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.25, no.5, pp.294-303, 2021 (SCI-Expanded)
- VII. **Evaluation of the relation between cardiac biomarkers and thorax computerized tomography findings in COVID-19 patients**  
Ileri C., Dogan Z., ÖZBEN SADIÇ B., Karaoglu C., Gunay N., Tigen K., Basat S., Uyan C.  
BIOMARKERS IN MEDICINE, vol.15, no.4, pp.285-293, 2021 (SCI-Expanded)
- VIII. **Can ocular OCT findings be as a predictor for end-organ damage in systemic hypertension?**  
Simsek E. E., Kanar H. S., Kanar B. G., Cetin H., Arsan A., TİGEN M. K.  
CLINICAL AND EXPERIMENTAL HYPERTENSION, vol.42, no.8, pp.733-737, 2020 (SCI-Expanded)
- IX. **Evaluation of right ventricular dyssynchrony in patients with acute inferior myocardial infarction and its relation with mortality.**  
Kanar 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)
- X. **The evaluation of ventricular functions by speckle tracking echocardiography in preeclamptic patients**  
Tigen K., Paudel A., Sadic B., Guclu M., Yoldemir T., Yildiz I., Sayar N., Sari I., Basaran Y.  
INTERNATIONAL JOURNAL OF CARDIOVASCULAR IMAGING, vol.36, no.9, pp.1689-1694, 2020 (SCI-Expanded)
- XI. **Androgen-deprivation therapy impairs left ventricle functions in prostate cancer patients**  
Kanar B. G., Ozben B., SÜN BÜL M., Şener E., Ozkan O., Tinay I., Tigen M. K.  
INTERNATIONAL UROLOGY AND NEPHROLOGY, vol.51, no.7, pp.1107-1112, 2019 (SCI-Expanded)
- XII. **Reply to the Letter to the Editor: Evaluation of right atrial volumes and functions by real time three-dimensional echocardiography in patients after acute inferior myocardial infarction**  
Kanar B. G., TİGEN M. K., ÖZBEN SADIÇ B.  
ECHOCARDIOGRAPHY-A JOURNAL OF CARDIOVASCULAR ULTRASOUND AND ALLIED TECHNIQUES, vol.36, no.3, pp.622, 2019 (SCI-Expanded)
- XIII. **Evaluation of right atrial volumes and functions by real-time three-dimensional echocardiography in patients after acute inferior myocardial infarction**  
Kanar B. G., SÜN BÜL M., Sahin A. A., Dogan Z., TİGEN M. K.  
ECHOCARDIOGRAPHY-A JOURNAL OF CARDIOVASCULAR ULTRASOUND AND ALLIED TECHNIQUES, vol.35, no.11, pp.1806-1811, 2018 (SCI-Expanded)
- XIV. **Right ventricle outflow tract fractional shortening: A practical parameter for the assessment of right ventricular systolic function**  
DEMIRCI M., SÜN BÜL 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)
- XV. **The characteristics of the stroke patients with elevated troponin I**  
İLERİ VATANSEVER Ç., ÖZBEN SADIÇ B., BULUT B., DOĞAN Z., SÜN BÜL M., TİGEN M. K., MİDİ İ., SAYAR N.  
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- XVI. **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., SAHINKAYA Y., ÖZDEMİR B., DİRESKENELİ R. H., TİGEN M. K., et al.  
ANATOLIAN JOURNAL OF CARDIOLOGY, 2018 (SCI-Expanded)
- XVII. **Subacute aortic prosthetic mechanical valve thrombosis complicated with acute coronary syndrome**  
Kantar B. G., Tigen K., Atas H., Cincin A., ÖZBEN SADIÇ B.  
AMERICAN JOURNAL OF EMERGENCY MEDICINE, vol.36, no.10, 2018 (SCI-Expanded)
- XVIII. **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.  
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- XIX. **Right ventricle mechanical dispersion in patients with systemic sclerosis**  
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ANATOLIAN JOURNAL OF CARDIOLOGY, 2018 (SCI-Expanded)
- XX. **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)
- XXI. **The impact of right ventricular function assessed by 2-dimensional speckle tracking echocardiography on early mortality in patients with inferior myocardial infarction**  
Kantar B. G., TİGEN M. K., SÜNBÜL M., Cincin A., Atas H., KEPEZ A., ÖZBEN SADIÇ B.  
CLINICAL CARDIOLOGY, vol.41, no.3, pp.413-418, 2018 (SCI-Expanded)
- XXII. **Left atrial volume changes are an early marker of end-organ damage in essential hypertension: A multidisciplinary approach to an old problem**  
Kantar B., ÖZBEN SADIÇ B., Kantar H. S., Arsan A., Tigen K.  
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- XXIII. **Correction of cor triatriatum sinister with classical Raghbir's complex using an extracardiac conduit**  
AK K., Hamidov A., Ileri C., Tigen K., Isbir S., ARSAN S.  
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- XXIV. **Right ventricular global longitudinal strain as a predictor of in-hospital mortality in patients with acute inferior myocardial infarction**  
Kantar B. G., Tigen K., Sadic B. O., Sunbul M., Cincin A., Atas H., Gurel E., Kepez A., Sari I., Basaran Y.  
EUROPEAN HEART JOURNAL, vol.38, pp.288-289, 2017 (SCI-Expanded)
- XXV. **The effect of obesity on left atrial volume and phasic functions assessed by real-time three-dimensional echocardiography**  
Sadic B. O., Kartal F., Sunbul M., Sayar N., Tigen K., Sari I., Basaran Y.  
EUROPEAN HEART JOURNAL, vol.38, pp.494, 2017 (SCI-Expanded)
- XXVI. **Comparison of Fatal or Irreversible Events With Extended-Duration Betrixaban Versus Standard Dose Enoxaparin in Acutely III Medical Patients: An APEX Trial Substudy**  
Gibson C. M., Korjian S., Chi G., Daaboul Y., Jain P., Arbetter D., Goldhaber S. Z., Hull R., Hernandez A. F., Lopes R. D., et al.  
JOURNAL OF THE AMERICAN HEART ASSOCIATION, vol.6, no.7, 2017 (SCI-Expanded)
- XXVII. **Exercise pulmonary artery pressure change as a prognostic parameter in heart failure**  
Sari I., Darvishova R., Sunbul M., Sayar N., Tigen K., Ozben B., Basaran Y.  
EUROPEAN JOURNAL OF HEART FAILURE, vol.19, pp.145, 2017 (SCI-Expanded)
- XXVIII. **The safety and efficacy of full-versus reduced-dose betrixaban in the Acute Medically Ill VTE (Venous Thromboembolism) Prevention With Extended-Duration Betrixaban (APEX) trial**  
Gibson C. M., Halaby R., Korjian S., Daaboul Y., Arbetter D. F., Yee M. K., Goldhaber S. Z., Hull R., Hernandez A. F., Lu S., et al.

- AMERICAN HEART JOURNAL, vol.185, pp.93-100, 2017 (SCI-Expanded)
- XXIX. **Extended-Duration Betrixaban Reduces the Risk of Stroke Versus Standard-Dose Enoxaparin Among Hospitalized Medically Ill Patients An APEX Trial Substudy (Acute Medically Ill Venous Thromboembolism Prevention With Extended Duration Betrixaban)**  
Gibson C. M., Chi G., Halaby R., Korjian S., Daaboul Y., Jain P., Arbetter D., Goldhaber S. Z., Hull R., Hernandez A. F., et al.  
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- XXX. **Assessment of left atrium and diastolic dysfunction in patients with hypertensive retinopathy: A real-time three-dimensional echocardiography-based study**  
Kantar B. G., Kantar H. S., Karatay A., Tigen K., Sonmez A.  
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- XXXI. **Depression, anxiety, alexithymia and somatosensory sensitivity in patients with benign palpitation**  
SAYAR N., YANARTAŞ Ö., Tigen K., ÖZBEN SADIÇ B., Ergun S., KEPEZ A., Cincin A.  
PSYCHIATRY AND CLINICAL PSYCHOPHARMACOLOGY, vol.27, no.2, pp.139-142, 2017 (SCI-Expanded)
- XXXII. **Subclinical Atherosclerosis in Systemic Sclerosis: Not Less Frequent Than Rheumatoid Arthritis and Not Detected With Cardiovascular Risk Indices**  
Ozen G., Inanc N., Unal A. U., Korkmaz F., SÜNBÜL M., ÖZMEN M., AKAR S., Deniz R., Donmez S., Pamuk O. N., et al.  
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- XXXIII. **Postoperative Atrial Fibrillation after Coronary Artery Bypass Grafting Surgery: A Two-dimensional Speckle Tracking Echocardiography Study**  
ÖZBEN SADIÇ B., Akaslan D., SÜNBÜL M., FİLİNTE D., AK K., SARI İ., Tigen K., Basaran Y.  
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- XXXIV. **Association Between High Sodium Intake and Subclinical Atherosclerosis in Patients with Rheumatoid Arthritis**  
Ozen G., Unal A. U., Saydam S., SÜNBÜL M., Tigen K., Direskeneli H., Inanc N.  
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- XXXV. **Clinical, angiographic and procedural characteristics of longitudinal stent deformation**  
Guler A., Guler Y., Acar E., Aung S. M., Efe S. C., Kilicgedik A., Karabay C. Y., Barutcu S., Tigen M. K., Pala S., et al.  
INTERNATIONAL JOURNAL OF CARDIOVASCULAR IMAGING, vol.32, no.8, pp.1163-1170, 2016 (SCI-Expanded)
- XXXVI. **Extended Thromboprophylaxis with Betrixaban in Acutely Ill Medical Patients**  
Cohen A. T., Harrington R. A., Goldhaber S. Z., Hull R. D., Wiens B. L., Gold A., Hernandez A. F., Gibson C. M., Cohen A., Harrington R., et al.  
NEW ENGLAND JOURNAL OF MEDICINE, vol.375, no.6, pp.534-544, 2016 (SCI-Expanded)
- XXXVII. **Evaluation of left atrial volume and function in systemic sclerosis patients using speckle tracking and real-time three-dimensional echocardiography**  
Atas H., KEPEZ A., Tigen K., Samadov F., Ozen G., Cincin A., SÜNBÜL M., Bozbay M., Direskeneli H., Basaran Y.  
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.16, no.5, pp.316-322, 2016 (SCI-Expanded)
- XXXVIII. **The 2013 ACC/AHA 10-year atherosclerotic cardiovascular disease risk index is better than SCORE and QRisk II in rheumatoid arthritis: is it enough?**  
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- XXXIX. **Effect of acute sleep deprivation on left atrial mechanics assessed by three-dimensional echocardiography**  
Cincin A., SARI İ., SÜNBÜL M., KEPEZ A., Oguz M., Sert S., Sahin A., ÖZBEN SADIÇ B., Tigen K., Basaran Y.  
SLEEP AND BREATHING, vol.20, no.1, pp.227-235, 2016 (SCI-Expanded)
- XL. **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., SÜNBÜL M., Basaran Y.  
Wiener klinische Wochenschrift, vol.127, no.21-22, pp.877-883, 2015 (SCI-Expanded)
- XLI. **Early Detection of Bi-ventricular and Atrial Mechanical Dysfunction Using Two-Dimensional Speckle Tracking Echocardiography in Patients with Sarcoidosis**  
Tigen K., SÜNBÜL M., Karaahmet T., Tasar O., Dundar C., Yalcinsoy M., Takir M., Akkaya E.

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- XLII. **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.  
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- XLIII. **Giant Purulent Pericarditis with Cardiac Tamponade Due to Streptococcus intermedius Rapidly Progressing to Constriction**  
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- XLIV. **Percutaneous and surgical removal of two cases of embolized totally implantable venous access devices that were implanted a long time ago**  
Atas H., Sari I., Cincin A., Tigen K.  
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- XLV. **Author's reply**  
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- XLVI. **Author's Reply.**  
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- XLVII. **Right ventricular function in hypertrophic cardiomyopathy: A speckle tracking echocardiography study.**  
Cincin A., Tigen K., Karaahmet T., Dundar C., Gurel E., Bulut M., SÜNBÜL M., Basaran Y.  
Anatolian journal of cardiology, vol.15, no.7, pp.536-41, 2015 (SCI-Expanded)
- XLVIII. **Right ventricular and atrial functions in systemic sclerosis patients without pulmonary hypertension: Speckle-tracking echocardiographic study Rechtsventrikuläre und Vorhoffunktion bei Patienten mit systemischer Sklerose ohne pulmonale Hypertonie: Untersuchung mit der Speckle-Tracking-Echokardiographie**  
Durmus E., Sunbul M., Tigen K., Kivrak T., Ozen G., Sari I., Direskeneli H., Basaran Y.  
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- XLIX. **SUBCLINICAL ATHEROSCLEROSIS AND ESTIMATION OF CARDIOVASCULAR RISK IN SYSTEMIC SCLEROSIS**  
Ozen G., Korkmaz F., Sunbul M., Deniz R., Tigen K., Atagunduz P., Inanc N., Direskeneli H.  
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- L. **THE 2013 ACC/AHA 10-YEAR ATHEROSCLEROTIC CARDIOVASCULAR DISEASE (ASCVD) RISK INDEX IS BETTER THAN SCORE AND QRISK II IN RHEUMATOID ARTHRITIS: IS IT ENOUGH?**  
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- LI. **Postoperative atrial fibrillation in patients with left atrial myxoma**  
Sahin M., Tigen K., Dundar C., ÖZBEN SADIÇ B., Alici G., Demir S., Kalkan M. E., Ozkan B.  
Cardiovascular Journal of Africa, vol.26, no.3, pp.120-124, 2015 (SCI-Expanded)
- LII. **Association of male pattern baldness with angiographic coronary artery disease severity and collateral development**  
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- LIII. **Predictive value of plasma asymmetric dimethylarginine, homocysteine, and high-sensitive CRP levels in occult coronary artery disease: A multidetector-row computed tomography study.**  
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- LIV. **Effect of acute sleep deprivation on heart rate recovery in healthy young adults**  
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- LV. Giant left atrial myxoma with dual coronary supply presenting with recurrent stroke Patientin mit großem Myxom des linken Vorhofs mit doppelter Koronararterienversorgung und rezidivierenden Schlaganfällen**  
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- LVI. Two-Dimensional Strain and Strain Rate Imaging of the Left Atrium and Left Ventricle in Adult Patients with Atrial Septal Defects before and after the Later Stage of Percutaneous Device Closure**  
Cakal S., Eroglu E., Baydar O., Cakal B., Yazicioglu M. V., Bulut M., Dundar C., Tigen K., Ozkan B., Acar G., et al.  
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- LVII. Aortic elastic properties predict occult coronary artery disease: a multidetector row computed tomography study.**  
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- LVIII. A Case of Iatrogenic Chordal Rupture after Transcatheter Aortic Valve Implantation Procedure Requiring a Second Valve**  
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- LIX. Re: Apical transverse motion is associated with speckle-tracking radial dyssynchrony in patients with non-ischemic dilated cardiomyopathy**  
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- LX. Evaluation of Cardiac Function by Two-Dimensional Speckle Tracking Echocardiography in Ulcerative Colitis Patients**  
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- LXI. Effects of diabetes mellitus on left atrial volume and functions in normotensive patients without symptomatic cardiovascular disease**  
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- LXII. Effect of increased severity of mitral regurgitation and preprocedural right ventricular systolic dysfunction on biventricular and left atrial mechanical functions following percutaneous mitral balloon valvuloplasty**  
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- LXIII. Left atrial deformation and nonischemic dilated cardiomyopathy A 2D speckle-tracking imaging study**  
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- LXIV. Pericardiocentesis in patients with thrombocytopenia and high international normalized ratio: Case report and review of the literature**  
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- LXV. Regional myocardial dysfunction assessed by two-dimensional speckle tracking echocardiography in systemic sclerosis patients with fragmented QRS complexes**  
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- LXVI. Myocarditis patient with left ventricular, right atrial, and pericardial thrombi: Successful treatment with warfarin**  
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- LXVII. **The value of plasma D-dimer level on admission in predicting no-reflow after primary percutaneous coronary intervention and long-term prognosis in patients with acute ST segment elevation myocardial infarction**  
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- LXVIII. **Left ventricular and atrial functions in hypertrophic cardiomyopathy patients with very high LVOT gradient: A speckle tracking echocardiographic study**  
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- LXIX. **Neutrophil to lymphocyte and platelet to lymphocyte ratio in patients with dipper versus non-dipper hypertension**  
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- II. **Right ventricular and atrial functions in patients with non ischemic dilated cardiomyopathy**  
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- III. **Aortic elastic properties predict occult coronary artery disease A multidetector row computed tomography study**  
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