

## Prof. AYHAN USAL

### Personal Information

**Office Phone:** [+90 322 338 6060](tel:+903223386060) Extension: 3367

**Email:** [ausal@cu.edu.tr](mailto:ausal@cu.edu.tr)

**Web:** <https://avesis.cu.edu.tr//ausal>

### Education Information

Doctorate, Cukurova University, Tıp Fakültesi, Kardiyoloji Anabilim Dalı, Turkey 1992 - Continues

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Expertise In Medicine, ANKİLOZAN SPONDİLİTLİ HASTALARDA KARDİYOVASKÜLER İŞLEVİN BRAKİAL AKIM ARACILI GENİŞLEME (FLOW MEDIATED VAZODİLATASYON) VE KAROTİS İNTİMA MEDIA KALINLIĞI ÖLÇÜMLERİ İLE İNCELENMESİ , Cukurova University, Dahili Tıp Bilimleri, Kardiyoloji, 2015

### Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Cardiovascular

### Academic Titles / Tasks

Professor, Cukurova University, Tıp Fakültesi, Kardiyoloji Anabilim Dalı, 1990 - Continues

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

- I. **Prognostic performance of copeptin among patients with acute decompensated heart failure.**  
ÖZMEN Ç., DEVECİ O. S., Tepe O., Yesildas C., ÜNAL İ., Yıldız I., AKILLI R., DENİZ A., DEMİR M., KANADAŞI M., et al.  
Acta cardiologica, vol.76, no.8, pp.842-851, 2021 (SCI-Expanded)
- II. **Determination of the effects of cryoablation for atrial fibrillation on esophageal functions.**  
KARAARSLAN M. B., DENİZ A., ERAY İ. C., KURAN S., YÜCEL S. P., SÖNMEZ Ö. S., ÇELİK A. İ., DEVECİ O. S., DEMİR M., KANADAŞI M., et al.  
Anatolian journal of cardiology, vol.23, pp.223-227, 2020 (SCI-Expanded)
- III. **Frailty Significantly Associated with a Risk for Mid-term Outcomes in Elderly Chronic Coronary Syndrome Patients: a Prospective Study**  
ÖZMEN Ç., DENİZ A., Gunay I., ÜNAL İ., Celik A. I., ÇAĞLIYAN Ç. E., DEVECİ O. S., DEMİR M., KANADAŞI M., USAL A.  
BRAZILIAN JOURNAL OF CARDIOVASCULAR SURGERY, vol.35, no.6, pp.897-905, 2020 (SCI-Expanded)

- IV. **Frailty significantly impairs the short term prognosis in elderly patients with heart failure**  
DENİZ A., ÖZMEN Ç., Bayram E., SEYDAOĞLU G., USAL A.  
JOURNAL OF GERIATRIC CARDIOLOGY, vol.15, no.11, pp.675-681, 2018 (SCI-Expanded)
- V. **Ultrasound Accelerated Thrombolysis May Be an Effective and Safe Treatment Modality for Intermediate Risk/Submassive Pulmonary Embolism**  
ÖZMEN Ç., DENİZ A., Akilli R. E., DEVECİ O. S., ÇAĞLIYAN Ç. E., Aktas H., ÇELİK A. İ., Akpınar A. A., DİŞEL N. R., BALLI H. T., et al.  
INTERNATIONAL HEART JOURNAL, vol.57, no.1, pp.91-95, 2016 (SCI-Expanded)
- VI. **Electrocardiographic markers of left ventricular systolic dysfunction in patients with left bundle branch block**  
DENİZ A., ÖZMEN Ç., Aktas H., Berk I. G., DEVECİ O. S., ÇAĞLIYAN Ç. E., AKILLI R., KANADAŞI M., DEMİR M., USAL A.  
KARDIOLOGIA POLSKA, vol.74, no.1, pp.25-31, 2016 (SCI-Expanded)
- VII. **Conduction characteristics in atrial fibrillation Predictive value of tissue Doppler echocardiography**  
DENİZ A., SAHİN D. Y., KANADAŞI M., DEMİR M., BERK I. G., AKKUS O., KOC M., CAYLI M., Usal A.  
HERZ, vol.39, no.1, pp.137-141, 2014 (SCI-Expanded)
- VIII. **Worsening of heart failure due to right ventricular apical pacing by ICD implanted after myocardial infraction and treatment with resynchronization**  
DENİZ A., KANADAŞI M., DEMİR M., USAL A.  
ANADOLU KARDIOLOJİ DERGİSİ-THE ANATOLIAN JOURNAL OF CARDIOLOGY, vol.13, no.3, pp.281-282, 2013 (SCI-Expanded)
- IX. **The Effect of Different Atrioventricular Delays on Left Atrium and Left Atrial Appendage Function in Patients With DDD Pacemaker**  
KANADAŞI M., Cayli M., Sahin D. Y., Sen O., Koc M., USAL A., BATUR M. K., DEMİRTAŞ M.  
ECHOCARDIOGRAPHY-A JOURNAL OF CARDIOVASCULAR ULTRASOUND AND ALLIED TECHNIQUES, vol.28, no.6, pp.626-632, 2011 (SCI-Expanded)
- X. **Relationship between left ventricular geometry and left ventricular systolic and diastolic functions in patients with chronic severe aortic regurgitation**  
Cayli M., KANADAŞI M., Akpınar O., USAL A., Poyrazoglu H.  
ECHOCARDIOGRAPHY-A JOURNAL OF CARDIOVASCULAR ULTRASOUND AND ALLIED TECHNIQUES, vol.25, no.6, pp.562-568, 2008 (SCI-Expanded)
- XI. **Cardiac troponin T as a prognostic marker in patients with heart failure: A 3-year outcome study**  
Demir M., Kanadasi M., AKPINAR O., DOENMEZ Y., AVKAROGULLARI M., ALHAN C., INAL T., AN M., Usal A., Demirtas M.  
ANGIOLOGY, vol.58, no.5, pp.603-609, 2007 (SCI-Expanded)
- XII. **The effect of early statin treatment on inflammation and cardiac events in acute coronary syndrome patients with low-density lipoprotein cholesterol**  
Kanadasi M., Cayli M., Demirtas M., Inal T., Demir M., Koc M., Avkarogullari M., Donmez Y., Usal A., Alhan C. C., et al.  
HEART AND VESSELS, vol.21, no.5, pp.291-297, 2006 (SCI-Expanded)
- XIII. **'Natural Conduit' between two atria associated with atrial septal defect**  
KANADASI M., OZBARLAS N., Demirtas M., USAL A., AKPINAR O.  
INTERNATIONAL JOURNAL OF CARDIOVASCULAR IMAGING, vol.21, no.4, pp.379-382, 2005 (SCI-Expanded)
- XIV. **RENAL AMYLOIDOSIS AND RHEUMATIC HEART-DISEASE**  
TETIKER T., PAYDAS S., USAL A.  
NEPHRON, vol.68, no.1, pp.151, 1994 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Could presystolic wave be a predictor for subclinical left ventricular diastolic dysfunction in ankylosing spondylitis?**  
ÖZMEN Ç., GÖKÇEN N., AKILLI R., Yesildas C., USAL A.

CUKUROVA MEDICAL JOURNAL, vol.45, no.3, pp.880-890, 2020 (ESCI)

- II. **Hemodiyaliz hastalarında subklinik sol ventrikül diyastolik disfonksiyonu tanısında prestostolik dalga yetersiz kalmıştır**  
ÖZMEN Ç., KAYA B., AKILLI R., TEPE Ö., DENİZ A., KANADAŞI M., DEMİR M., USAL A.  
Cukurova Medical Journal, vol.44, pp.529-538, 2019 (ESCI)
- III. **The Infections of Cardiac Implantable Electronic Devices:Four Year Experience of a Single Center**  
DENİZ A., KARAASLAN M. B., ÇELİK A. İ., CÜREOĞLU A., GELİNCİK H., KANADAŞI M., DEMİR M., USAL A.  
Journal of Clinical and Experimental Investigations, 2018 (Peer-Reviewed Journal)
- IV. **SİSTEMİK SKLEROZDA KALP TUTULUMU**  
DENİZ A., USAL A., DEVECİ O. S.  
İÇ HASTALIKLARI DERGİSİ, vol.19, pp.131-137, 2012 (Peer-Reviewed Journal)
- V. **Miyokard perfüzyon sintigrafisinde diyastol sonu görüntülerin değerlendirilmesi**  
BÜYÜKDERELİ G., SARGIN Ö., BOZKURT A., USAL A.  
Turkish Journal of Nuclear Medicine, vol.8, pp.119-129, 1999 (Peer-Reviewed Journal)
- VI. **Gated Technetium-99m-tetrofosmin SPECT in Differentiation Artifact from Myocardial Infarct.**  
KİBAR M., USAL A., ÖNSEL Ç., Buyukdereli G., KABASAKAL L., DOĞRUCA YAPAR Z., ŞAN M.  
Turkish J Nucl Med, vol.6, no.3, pp.153-161, 1997 (Peer-Reviewed Journal)
- VII. **Tc-99m Tetrofosmin Myocardial SPECT Imaging in the Evaluation of Coronary Artery Disease**  
KİBAR M., Buyukdereli G., DOĞRUCA YAPAR Z., KABASAKAL L., USAL A., ÖNSEL Ç.  
Turkish J Nucl Med, vol.6, no.3, pp.166-173, 1997 (Peer-Reviewed Journal)
- VIII. **Gated technetium 99m tetrofosmin SPECT in differentiation artifact from infarct**  
KİBAR M., doğruca z., KABASAKAL L., BÜYÜKDERELİ G., USAL A., ŞAN M., ÖNSEL Ç.  
Turkish Journal of Nuclear Medicine, 1997 (Peer-Reviewed Journal)
- IX. **The effect of acute hematocrit variations on electrocardiographic R wave amplitude**  
Tetiker T., USAL A., ACARTURK E.  
Cuore, vol.11, no.6, pp.501-504, 1994 (Scopus)

## Books

- I. **Elektrofizyologlar İçin Transseptal Geçiş**  
DEVECİ O. S., DEMİR M., USAL A.  
in: TEMEL KARDİYAK ELEKTROFİZYOLOJİ VE TRANSKATETER ABLASYON, Prof. Dr. Ali OTO, Prof.Dr.Bülent Özın,  
Editor, Erkem Tıbbi Yayıncılık, Ankara, pp.51-56, 2018

## Papers Published in Refereed Scientific Meetings

- I. **Evaluation of the Relationship between Dyssynchrony and Myocardial Fibrosis Markers in Patients with Biventricular Pacemaker**  
YÜKSEKDAĞ V., AKILLI R., KARAASLAN M. B., DENİZ A., KANADAŞI M., USAL A., DEMİR M.  
14th International Update in Cardiology and Cardiovascular Surgery (UCCVS) Congress, 5 - 08 April 2018, vol.121, pp.60-61
- II. **The levels of galectin 3 decrease after TAVI a possible mediator of reverse remodeling following treatment of severe aortic stenosis**  
DENİZ A., CÜREOĞLU A., ÇELİK A. İ., GÖK M., ÇAĞLIYAN Ç. E., DEVECİ O. S., AKILLI R., KANADAŞI M., USAL A., DEMİR M.  
PCR London Valves, 18 - 20 September 2016
- III. **Left ventricular systolic dysfunction after percutaneous closure of atrial septal defect**  
DENİZ A., GÖK M., CÜREOĞLU A., USAL A.  
12. Uluslararası Kardiyoloji ve Kardiyovasküler Cerrahide Yenilikler Kongresi, 10 March 2016

- IV. **VENTRİKÜLER SEPTAL ANEVİZMA İLE KAPANMIŞ VENTRİKÜLER SEPTAL DEFEKT**  
GÖK M., ÇELİK A. İ., CÜREOĞLU A., DENİZ A., AKILLI R., DEVECİ O. S., ÇAĞLIYAN Ç. E., DEMİR M., USAL A., KANADAŞI M.  
31. ULUSLARARASI KATILIMLI TÜRK KARDİYOLOJİ KONGRESİ, Turkey, 22 - 25 October 2015
- V. **KEMOTERAPİ SONRASI OLUŞAN TÜRÖM LİZİS SENDROMU VE AKUT BÖBREK YETERSİZLİĞİNİ TAKİBEN GELİŞEN KAUNİS SENDROMU**  
GÖK M., ÇELİK A. İ., CÜREOĞLU A., DENİZ A., DEVECİ O. S., ÇAĞLIYAN Ç. E., AKILLI R., DEMİR M., KANADAŞI M., USAL A.  
31. ULUSLARARASI KATILIMLI TÜRK KARDİYOLOJİ KONGRESİ, Turkey, 22 - 25 October 2015
- VI. **Prediction of systemic vascular resistance non invasively in patients with moderate severe mitral regurgitation with a Formula taking inspiration from pulmonary hypertension guideline**  
ÇAĞLIYAN Ç. E., ÇELİK A. İ., CÜREOĞLU A., DEVECİ O. S., DENİZ A., TANGALAY M., AKILLI R., KANADAŞI M., USAL A.  
. European Society of Cardiology Congress 2015, 29 August- 2 September, London., 29 August - 02 September 2015
- VII. **The infections of the cardiac implantable electronic devices Four years experience of the center**  
DENİZ A., KARAASLAN M. B., ÇELİK A. İ., CÜREOĞLU A., BERK G. İ., TANGALAY M., ÇAĞLIYAN Ç. E., AKILLI R., DEVECİ O. S., KANADAŞI M., et al.  
Abstracts of the 11th International Congress of Update in Cardiology and Cardiovascular Surgery.OP-004, S2 26-29 March 2015, İstanbul/Turkey, 26 - 29 March 2015
- VIII. **Carotid İntima media thickness is associated with reduced heart rate recovery time in patients with low cardiovascular risk profile**  
ÇAĞLIYAN Ç. E., KURT H. İ., SÖKER G., TÜRKMEN S., AKILLI R., AKTAŞ H., DEVECİ O. S., DENİZ A., BALLI M., USAL A.  
30. Uluslararası Katılımlı Türk Kardiyoloji Kongresi. 23-26 Ekim 2014 Antalya, Türkiye Anadolu Kardiyoloji Dergisi vol 14. Suppl:1 Ekim 2014., Turkey, 23 - 26 October 2014
- IX. **A case of carotid sinus syndrome leading to syncope with a tricky electrocardiogram mimicking Brugada Syndrome**  
ÇAĞLIYAN Ç. E., KAYPAKLI O., KANADAŞI M., DEMİR M., USAL A., ACARTÜRK E.  
28. Ulusal Kardiyoloji Kongresi, Turkey, 11 - 14 October 2012, pp.206
- X. **CAROTID INTIMA MEDIA THICKNESS IS ASSOCIATED WITH REDUCED HEART RATE RECOVERY TIME IN PATIENTS WITH LOW CARDIOVASCULAR RISK PROFILE**  
KURT I. H., GOKHAN S., TURKMEN S., AKILLI R., DEVECİ O. S., DENİZ A., BALLI M., AKTAS H., USAL A., DEMİR M., et al.  
WORLD CONGRESS OF CARDIOLOGY MELBOURNE AUSTRALIA 2014, 4 - 07 May 2014
- XI. **Frailty is Independently Associated with Short Term Mortality and Hospitalization Due Heart Failure in the Elderly**  
DENİZ A., ÖZMEN Ç., Berk I. G., Bayram E., YÜKSEKDAĞ V., DEVECİ O. S., Çağliyan E. C., AKILLI R., KANADAŞI M., DEMİR M., et al.  
29th Turkish Cardiology Congress of the Turkish-Society-of-Cardiology (TSC) with International Participation, Antalya, Turkey, 26 - 29 October 2013, vol.62
- XII. **Patients who have 4G Alleles in Plasminogen Activator Inhibitor1 Gene Have Higher Mean Platelet Volume Values at the Time of ST-Elevation Myocardial Infarction**  
ÇAĞLIYAN Ç. E., Balli M., Yuregir O. O., AKILLI R., Tekin K., Bozdogan S. T., Cayli M., DEMİR M., USAL A.  
29th Turkish Cardiology Congress of the Turkish-Society-of-Cardiology (TSC) with International Participation, Antalya, Turkey, 26 - 29 October 2013, vol.62
- XIII. **A simplified method of discrimination of right upper pulmonary vein tachycardia from high right atrial tachycardia**  
DENİZ A., KANADAŞI M., ÇAĞLIYAN Ç. E., AKILLI R., DEVECİ O. S., DEMİR M., USAL A.  
9th International Congress of Update in Cardiology and Cardiovascular Surgery. International Journal of Cardiology S81-S211 March 21-24, 2013 Antalya, Turkey., 21 - 24 March 2013
- XIV. **A simplified method of discriminating right upper pulmonary vein tachycardia from high atrial tachycardia**

DENİZ A., KANADAŞI M., ÇAĞLIYAN Ç. E., AKILLI R., DEVECİ O. S., DEMİR M., USAL A.

9. Kardiyoloji ve kardiyovasküler Cerrahide Yenilikler Kongresi, 21 - 24 March 2013

**XV. The electrocardiographic markers of left ventricular systolic dysfunction in patients with left bundle branch block**

DENİZ A., ÖZMEN Ç., AKTAŞ H., BERK İ., DEVECİ O. S., KANADAŞI M., DEMİR M., USAL A.

9th International Congress of Update in Cardiology and Cardiovascular Surgery. International Journal of Cardiology S81 March21-24, 2013 Antalya, Turkey., 21 - 24 March 2013

**XVI. SARKOİDOZ HASTALARINDAKİ EKG BULGULARININ DEĞERLENDİRİLMESİ**

DENİZ A., ÖZYILMAZ SARAÇ E., BERK İ. G., ÖZMEN Ç., AKKUŞ O., HANTA İ., DEMİR M., KANADAŞI M., USAL A.

TÜRK KARDİYOLOJİ DERNEĞİ ARŞİVİ 2012, SUPPL.2, Turkey, 01 October 2012

**XVII. Technetium-99m-tetrofosmin SPECT in Differentiation Artifact from Myocardial Infarct**

KİBAR M., DOĞRUCA YAPAR Z., KABASAKAL L., BÜYÜKDERELİ G., USAL A., ŞAN M., ÖNSEL Ç.

European Association of Nuclear Medicine Congress, Glasgow, United Kingdom, 23 - 27 August 2007, vol.24, no.8, pp.970

**XVIII. Gated technetium 99m tetrofosmin SPECT in differentiation artifact from infarct**

KİBAR M., DOĞRUCA Z., KABASAKAL L., BÜYÜKDERELİ G., USAL A., ŞAN M., ÖNSEL Ç.

Annual Congress of the European Association of Nuclear Medicine, 1 - 03 January 1997, vol.24, pp.970

## **Metrics**

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