

## Assoc. Prof. OĞUZHAN EKREM TURAN

### Personal Information

**Email:** oguzhanekrem.turan@deu.edu.tr

**Web:** <https://avesis.deu.edu.tr/oguzhanekrem.turan>

### International Researcher IDs

ORCID: 0000-0003-3557-1682

Publons / Web Of Science ResearcherID: AAQ-1672-2020

ScopusID: 55523247700

Yoksis Researcher ID: 152680

### Biography

Oğuzhan Ekrem TURAN, MD, has been working in the fields of cardiac arrhythmia, cardiac electrophysiology, ablation and cardiac implantable devices since 2013. In 2020, he received his advanced cardiac electrophysiology and ablation training at Dokuz Eylul University, Department of Cardiology. He also works in the field of hereditary arrhythmia diseases. In 2020, he was elected as a member of the European cardiovascular genetics association. Since 2020, he has been practicing cardiac rhythm disorders at the Dokuz Eylul University Heart Rhythm Management Center with a professional team holding the European Heart Rhythm Association accredited diploma.

### Education Information

Expertise In Medicine, Karadeniz Technical University, Tıp Ve Sağlık Bilimleri Fakültesi, Turkey 2009 - 2013

Undergraduate, Eskisehir Osmangazi University, Tıp Fakültesi, Tıp Pr., Turkey 2002 - 2008

### Research Areas

Health Sciences

### Academic Titles / Tasks

Assistant Professor, Dokuz Eylul University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2021 - Continues

Assistant Professor, Karadeniz Technical University, Tıp Fakültesi, 2018 - 2021

Research Assistant, Karadeniz Technical University, Tıp Ve Sağlık Bilimleri Fakültesi, 2009 - 2013

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

- I. Arterial Stiffness May Predict Subsequent Cancer Therapy-Related Cardiac Dysfunction in Breast Cancer Patients.**  
ŞAHİN M., KAZAZ S. N., Kartaler F., KODAL B., ALTUNTAŞ S., Yüce E., TURAN O. E., KUTLU M.  
Cardiovascular toxicology, vol.24, no.4, pp.375-384, 2024 (SCI-Expanded)
- II. Fluoroscopy integration module guides successful ablation in atrial fibrillation with coronary-pulmonary artery fistula.**

Yilancioglu R. Y., Turan O. E., Bariş M. M., Ozcan E. E.

Hellenic journal of cardiology : HJC = Hellenike kardiologike epitheorese, 2024 (SCI-Expanded)

- III. **Combining conventional technique with fluoroscopy integration module in accessory pathway ablation.**  
ÖZCAN E. E., TURAN O. E., YILANCIOĞLU R. Y., Inevi U., Akdemir B.  
Journal of cardiovascular electrophysiology, vol.34, no.12, pp.2573-2580, 2023 (SCI-Expanded)
- IV. **Lead related atrial perforation mimicking inferior ST elevation myocardial infarction**  
Yilancioglu R. Y., Turan O. E., Başkurt A. A., Özcan E. E.  
PACE - Pacing and Clinical Electrophysiology, vol.46, no.7, pp.710-713, 2023 (SCI-Expanded)
- V. **Pre-procedural imaging and atrial tachycardia ablation in a patient with complex congenital heart disease**  
Ekrem Turan O. E., Yilancioglu R. Y., İnevi U., Özcan E. E.  
PACE - Pacing and Clinical Electrophysiology, vol.46, no.6, pp.510-514, 2023 (SCI-Expanded)
- VI. **Risk factors for Gram-negative bacterial infection of cardiovascular implantable electronic devices: multicenter observational study (CardINe Study).**  
Pascale R., Toschi A., Aslan A. T., Massaro G., Maccaro A., Fabbricatore D., Dell'Aquila A., Ripa M., Işık M. E., Kızmaz Y. U., et al.  
International journal of antimicrobial agents, pp.106734, 2023 (SCI-Expanded)
- VII. **Evaluation of left atrial and left ventricular functions in patients with Wolff-Parkinson-White syndrome before and after radiofrequency catheter ablation using three-dimensional speckle tracking echocardiography**  
Dogdus M., Dindas F., Turan O. E., Yilancioglu R. Y., Ozgul U., Inevi U. D., Özcan E. E.  
ECHOCARDIOGRAPHY-A JOURNAL OF CARDIOVASCULAR ULTRASOUND AND ALLIED TECHNIQUES, no.12, pp.1488-1495, 2022 (SCI-Expanded)
- VIII. **The predictive value of electrocardiographic polarization parameters on appropriate ICD shock in primary prevention heart failure patients.**  
Ozgul U., Turan O. E., Baskurt A. A., Yilancioglu R. Y., Dogdus M., Inevi U. D., Ozcan E. E.  
Journal of electrocardiology, 2022 (SCI-Expanded)
- IX. **Catheter Ablation for Atrial Fibrillation in Patients <= 30 Years of Age**  
YALIN K., İKİTİMUR B., Aksu T., ÖZCAN E. E., Ding W. Y., SOYSAL A. U., Lyan E., Eitel C., Saygi S., Turan O. E., et al.  
AMERICAN JOURNAL OF CARDIOLOGY, vol.166, pp.53-57, 2022 (SCI-Expanded)
- X. **Myocardial injury in COVID-19 patients is associated with the thickness of epicardial adipose tissue.**  
Özer S., Bulut E., Özyıldız A. G., Peker M., Turan O. E.  
Kardiologija, vol.61, no.8, pp.48-53, 2021 (SCI-Expanded)
- XI. **Therapeutic Inefficacy and Proarrhythmic Nature of Metoprolol Succinate and Carvedilol Therapy in Patients With Idiopathic, Frequent, Monomorphic Premature Ventricular Contractions.**  
Turan O. E., Aydin M., Odabasi A. Y., Inc M., Payzin S., Hasdemir C.  
American journal of therapeutics, vol.29, no.1, 2021 (SCI-Expanded)
- XII. **Comparison of electrophysiological characteristics of right- and left-sided Mahaim-type accessory pathways**  
Özcan E. E., Turan O. E., Akdemir B., Inevi U. D., Yilancioglu R. Y., Başkurt A. A., Alak C., Bayrak F.  
JOURNAL OF CARDIOVASCULAR ELECTROPHYSIOLOGY, vol.32, no.2, pp.360-369, 2021 (SCI-Expanded)
- XIII. **Evaluation of ventricular repolarization parameters during migraine attacks**  
Ozturk M., TURAN O. E., KARAMAN K., BİLGE N., CEYHUN G., Aksu U., Aksakal E., Gulcu O., Kalkan K., Demirelli S.  
JOURNAL OF ELECTROCARDIOLOGY, vol.53, pp.66-70, 2019 (SCI-Expanded)
- XIV. **The effect of bilirubin on long-term mortality in patients with chronic total coronary occlusion**  
ÇETİN M., Durakoglugil M. E., Erdogan T., Ozer S., TURAN O. E., Yilmaz A. S., Akdogan E.  
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.120, no.11, pp.860-863, 2019 (SCI-Expanded)
- XV. **Coexistence of atrioventricular accessory pathways and drug-induced type 1 Brugada pattern**  
HASDEMİR C., Juang J. J., Kose S., Kocabas U., ORMAN M. N., PAYZIN S., ŞAHİN H., Celen C., ÖZCAN E. E., Chen C. J., et

al.

PACE-PACING AND CLINICAL ELECTROPHYSIOLOGY, vol.41, no.9, pp.1078-1092, 2018 (SCI-Expanded)

- XVI. **The Role of Serum Bilirubin Levels in Predicting Troponin Positivity in Non-ST-Segment Elevation Acute Coronary Syndrome**  
Ozturk M., Askin L., Ipek E., Demirelli S., TURAN O. E., Yildirim E., Ermis E., Kalkan K., Delice O.  
ANGIOLOGY, vol.68, no.5, pp.414-418, 2017 (SCI-Expanded)
- XVII. **Assessment of myocardial repolarisation parameters in patients with familial Mediterranean fever**  
KARAMAN K., KARAYAKALI M., Erken E., Demirtas A., Ozturk M., Altunkas F., ARISOY A., TURAN O. E., Ceyhan K., ÇELİK A.  
CARDIOVASCULAR JOURNAL OF AFRICA, vol.28, no.3, pp.154-158, 2017 (SCI-Expanded)
- XVIII. **Blood pressure response is impaired in patients with exercise-induced ventricular ectopy**  
TURAN O. E., Ozturk M., Kocaoglu I., Turan S. G.  
JOURNAL OF THE AMERICAN SOCIETY OF HYPERTENSION, vol.10, no.5, pp.447-456, 2016 (SCI-Expanded)
- XIX. **Relationship between epicardial fat tissue and left ventricular synchronicity: An observational study**  
Kiris A., Kiris G., TURAN O. E., Ozturk M., Sahin M., Ilter A., Bektas O., KUTLU M., Kaplan S., GEDİKLİ Ö.  
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.15, no.12, pp.990-994, 2015 (SCI-Expanded)
- XX. **Risk of no-reflow in culprit lesion versus culprit vessel PCI in acute STEMI**  
Arslan U., Yaman M., Kocaoglu I., TURAN O. E., Yucel H., Aksakal A., Gunaydin I. A., Ates A. H.  
CORONARY ARTERY DISEASE, vol.26, no.6, pp.510-515, 2015 (SCI-Expanded)
- XXI. **Assessment of total cardiac repolarization's spatial distribution among patients with aortic sclerosis**  
TURAN O. E., Ozturk M., Ilter A., Inc M., KARAMAN K., Kiris G., KUTLU M.  
INTERNATIONAL JOURNAL OF CLINICAL AND EXPERIMENTAL MEDICINE, vol.8, no.3, pp.4045-4051, 2015 (SCI-Expanded)
- XXII. **The relationship between epicardial fat tissue thickness and frequent ventricular premature beats**  
Kiris A., TURAN O. E., Kiris G., Ilter A., Ozturk M., Aydin M., Kaplan S., KUTLU M., GEDİKLİ Ö.  
KARDIOLOGIA POLSKA, vol.73, no.7, pp.527-532, 2015 (SCI-Expanded)
- XXIII. **Correction of right to left shunt by transcatheter treatment of pulmonary stenosis and atrial septal defect: a case report**  
Durmus I., TURAN O. E., Hosoglu Y., ÖREM C., KUTLU M.  
INTERNATIONAL JOURNAL OF CLINICAL AND EXPERIMENTAL MEDICINE, vol.7, no.5, pp.1465-1467, 2014 (SCI-Expanded)
- XXIV. **Epicardial adipose tissue thickness is increased in patients with cardiac syndrome X**  
GEDİKLİ Ö., Ozturk M., TURAN O. E., Ilter A., Hosoglu Y., Kiris G.  
INTERNATIONAL JOURNAL OF CLINICAL AND EXPERIMENTAL MEDICINE, vol.7, no.1, pp.194-198, 2014 (SCI-Expanded)
- XXV. **Carbonic anhydrase IX in the prediction of right ventricular dysfunction in patients with hemodynamically stable acute pulmonary embolism**  
Abul Y., Ozsu S., MENTEŞE A., Durmus I., Bektas H., PEHLİVANLAR KÜÇÜK M., TURAN O. E., Sumer A., ÖREM A., ÖZLÜ T.  
EUROPEAN RESPIRATORY JOURNAL, vol.42, 2013 (SCI-Expanded)
- XXVI. **Left ventricular synchronicity is impaired in patients with active acromegaly**  
Kiris A., Erem C., TURAN O. E., Civan N., Kiris G., NUHOĞLU İ., Ilter A., Ersoz H. O., KUTLU M.  
ENDOCRINE, vol.44, no.1, pp.200-206, 2013 (SCI-Expanded)
- XXVII. **RELATIONSHIP BETWEEN EPICARDIAL FAT THICKNESS AND LEFT VENTRICULAR SYNCHRONICITY IN PATIENT'S WITHOUT STRUCTURAL HEART DISEASE**  
Kiris A., Kiris G., TURAN O. E., Ozturk M., Sahin M., Ilter A., Bektas O., Kutlu M.  
INTERNATIONAL JOURNAL OF CARDIOLOGY, vol.163, 2013 (SCI-Expanded)
- XXVIII. **EPICARDIAL ADIPOSE TISSUE THICKNESS IS ASSOCIATED WITH FREQUENT VENTRICULAR PREMATURE BEATS**  
Kiris A., TURAN O. E., Kiris G., Ilter A., Ozturk M., Aydin M., Kaplan S., Kutlu M.  
INTERNATIONAL JOURNAL OF CARDIOLOGY, vol.163, 2013 (SCI-Expanded)

## Articles Published in Other Journals

- I. **The Relationship Between the Dipping Pattern and Coronary Artery Disease Severity Assessed by the SYNTAX Score in Patients With Hypertension.**  
Kartaler F., Şahin M., Turan O. E., Kutlu M.  
Cureus, vol.15, no.3, 2023 (ESCI)
- II. **Answer Regarding P Wave Index and Atrial Fibrillation Recurrence.**  
Doğduş M., Turan O. E., Başkurt A. A., Yılcıoğlu R. Y., Özgül U., İnevi U. D., Özcan E. E.  
Turk Kardiyoloji Dernegi arsivi : Turk Kardiyoloji Derneginin yayin organidir, vol.50, no.8, pp.623, 2022 (ESCI)
- III. **An Effective Novel Index for Predicting the Recurrence of Atrial Fibrillation Ablation: P Wave Duration-to-Amplitude Ratio**  
Dogdus M., Turan O. E., Başkurt A. A., Yilancioglu R. Y., Ozgul U., Inevi U. D., Özcan E. E.  
TURK KARDIYOLOJİ DERNEĞİ ARSIVI-ARCHIVES OF THE TURKISH SOCIETY OF CARDIOLOGY, vol.50, no.7, pp.498-504, 2022 (ESCI)
- IV. **Invasive Heart Rate Control as a Salvage Therapy in Amiodarone-induced Thyroid Storm**  
Ozcan E. E., Dogdus M., Yilancioglu R. Y., Adiyaman S. C., Turan O. E.  
Medeniyet Medical Journal, no.37, pp.119-122, 2022 (Scopus)
- V. **An unusual 'bow tie' image in pacemaker implantation**  
Turan O. E., Yilancioglu R. Y., Baskurt A. A., Ozcan E. E.  
Indian Pacing and Electrophysiology Journal, vol.22, pp.51-53, 2022 (Scopus)
- VI. **IS SMOKING EFFECTIVE ON RECURRENCE AFTER ATRIAL FIBRILLATION ABLATION THERAPY?**  
DUĞRAL E., TURAN O. E., BAŞKURT A. A., ÖZCAN E. E.  
JOURNAL OF BASIC AND CLINICAL HEALTH SCIENCES, vol.6, no.1, pp.268-276, 2022 (ESCI)
- VII. **Evaluation of left ventricular global functions with speckle tracking echocardiography in patients recovered from COVID-19.**  
Özer S., Candan L., Özyıldız A. G., Turan O. E.  
The international journal of cardiovascular imaging, vol.37, no.7, pp.2227-2233, 2021 (Peer-Reviewed Journal)
- VIII. **Telemedicine-based early rule out electrocardiography algorithm:Hydroxychloroquine in COVID-19 patients**  
TURAN O. E., YILANCIOĞLU R. Y., ALAK Ç., BAŞKURT A. A., DUĞRAL E., ÖZGEN ALPAYDIN A., ÇOŞKUN F., YILMAZ M. B., ERGENE A. O., ÖZCAN E. E.  
Dokuz Eylül Üniversitesi Tıp Fakültesi Dergisi, vol.35, no.3, pp.227-236, 2021 (Peer-Reviewed Journal)
- IX. **Mortality Evaluation of Acute Coronary Syndrome Patients Without Severe Coronary Artery Disease**  
ŞAHİN M., TURAN O. E., GÖKÇE M.  
MN Kardiyoloji, vol.28, no.3, pp.171-175, 2021 (Peer-Reviewed Journal)
- X. **Epicardial fat thickness is associated with retinopathy in patients with newly diagnosed hypertension**  
ÖZER S., YUCEKUL B., YILMAZ A. S., ÖZYILDIZ A. G., KİNİK M., TURAN O. E., ASLAN M. G., ÇETİN M.  
İstanbul Kuzey Klinikleri, vol.8, no.4, pp.365-370, 2021 (Peer-Reviewed Journal)
- XI. **The prognostic value of T-peak T-end among patients with implantable cardiac defibrillator for secondary prevention**  
TURAN O. E., KODAL B., KAYA A. N., KAYA A., ŞAHİN M.  
Annals of Medical Research, vol.28, no.6, pp.1095-1098, 2021 (Peer-Reviewed Journal)
- XII. **Evaluation of the relationship between coronary slow flow phenomenon and serum magnesium levels**  
ÖZTÜRK M., TURAN O. E., CEYHUN G., AKSAKAL E., KARAMAN K., GÜLCÜ O., DEMİRELLİ S., KORKMAZ A. F.  
Annals of Medical Research, vol.28, no.1, pp.20-24, 2021 (Peer-Reviewed Journal)
- XIII. **The Effect of Chronic Total Occlusion of Coronary Artery on Long Term Prognosis in Patients with Ischemic Cardiomyopathy with Impantable Cardioverter Defibrillator**  
TURAN O. E., KAYA A. N., KAYA A., OZAN Y. D., KARTALER F., DEMİRMAN A., ŞAHİN M., GEDİKLİ Ö., GÖKÇE M., KUTLU M.

MN Kardiyoloji, vol.27, no.4, pp.197-204, 2020 (Peer-Reviewed Journal)

- XIV. **Is Premature Hair Whitening a Predictor of Hypertension for Healthy Young and Middle-Aged Men?**  
ÖZYILDIZ A. G., ÇETİN M., ÖZER S., TURAN O. E., DURAK H., ERDOĞAN T.  
Sakarya Tıp Dergisi, vol.10, no.2, pp.277-284, 2020 (Peer-Reviewed Journal)
- XV. **The Effect of Anthracycline Chemotherapy on Arterial Stiffness**  
TURAN O. E., YILMAZ M., ŞAHİN M.  
Sakarya Tıp Dergisi, vol.10, no.2, pp.191-196, 2020 (Peer-Reviewed Journal)
- XVI. **An Analysis on Coronary Artery Disease Severity with Serum Adropin Level in Patients with Acute ST-Segment Elevation Myocardial Infarction**  
ÖZTÜRK M., TURAN O. E., ŞEBİN E., CEYHUN G., AKSAKAL E., KALKAN K., GÜLCÜ O., KORKMAZ A. F., BAYANTEMUR M.  
Sakarya Tıp Dergisi, vol.10, no.4, pp.623-628, 2020 (Peer-Reviewed Journal)
- XVII. **Effects of Inappropriate Acetylsalicylic Acid Use on Non-fatal Bleedings**  
Ozturk M., TURAN O. E.  
HASEKI TIP BULTENI-MEDICAL BULLETIN OF HASEKI, vol.57, no.4, pp.396-404, 2019 (ESCI)
- XVIII. **A disease that should be thought in the differential diagnosis of pneumonia: FMF**  
TURAN O. E., KILINÇ O., Acarbay S., SARI İ.  
Respiratory Medicine Extra, vol.3, no.3, pp.152-154, 2007 (Scopus)

## Refereed Congress / Symposium Publications in Proceedings

- I. **A Novel Method: Efficacy and Safety of Atrial Fibrillation Ablation without Fluoroscopy and Protection Lead Apron After Transseptal Puncture**  
YILANCIOĞLU R. Y., TURAN O. E., ÖZCAN E. E.  
38. ULUSAL TÜRK KARDİYOLOJİ DERNEĞİ KONGRESİ, Turkey, 10 - 13 November 2022
- II. **PRIMER PROFILAKSİ İÇİN ICD (İMLANTABLE CARDIOVERTER DEFIBRILLATOR) İMLANTE EDİLMİŞ HASTALARDA KLİNİK SONLANIM VE MORTALİTE BELİRLEYİCİLERİ**  
Başkurt A. A., Güneri S., Turan O. E., Özcan E. E.  
TKD Kardiyoloji Bahar Güncellemesi Toplantısı, Girne, Cyprus (Kktc), 24 - 27 March 2022, pp.17
- III. **THE EFFECT OF ANTHRACYCLINE CHEMOTHERAPY ON ARTERIAL STIFFNESS**  
TURAN O. E.  
15th International Congress of Update in Cardiology and Cardiovascular Surgery, 27 - 30 March 2019
- IV. **Migren atağı sırasında ventriküler repolarizasyon parametrelerindeki değişiklikler**  
ÖZTÜRK M., TURAN O. E., KARAMAN K., BİLGE N.  
2018 ULUSLARARASI KATILIMLI ARİTMİ TOPLANTISI, Turkey, 13 - 15 April 2018
- V. **The Effect of Inappropriate Use of Acetylsalicylic Acid to Non-Fatal Bleeding**  
TURAN O. E., ÖZTÜRK M.  
Europrevent 2018, 19 - 21 April 2018
- VI. **THE EFFECT OF INAPPROPRIATE USE OF ACETYLSALICYLIC ACID ON NON-FATAL BLEEDING**  
TURAN O. E., Ozturk M., Capaci B., Turan S. G.  
85th Congress of the European-Atherosclerosis-Society (EAS), Prague, Czech Republic, 23 - 26 April 2017, vol.263
- VII. **Radiofrequency Catheter Ablation Duration is Increased In AVNRT (AV nodal reentrant tachycardia) Patients With Increased Epicardial Adipose Tissue Thickness.**  
Kocaoglu I., TURAN O. E., Arslan U.  
13th International Congress of Update in Cardiology and Cardiovascular Surgery (UCCVS), Cesme, Turkey, 23 - 26 March 2017, vol.119
- VIII. **Safety and Efficacy of Radiofrequency Catheter Ablation in Elderly.**  
Kocaoglu I., TURAN O. E., Cebeci M., Arslan U.  
13th International Congress of Update in Cardiology and Cardiovascular Surgery (UCCVS), Cesme, Turkey, 23 - 26 March 2017, vol.119

## IX. Which one should be treated in the setting of acute ST elevation myocardial infarction? Culprit lesion or culprit vessel

Arslan U., Yaman M., Kocaoglu I., TURAN O. E., Yucel H., Aksakal A., Ates A. H.

Congress of the European-Society-of-Cardiology (ESC), London, Canada, 29 August - 02 September 2015, vol.36, pp.64

## Scientific Refereeing

JOURNAL OF GERIATRIC CARDIOLOGY, Journal Indexed in SCI-E, December 2022

CLINICAL INTERVENTIONS IN AGING, Journal Indexed in SCI-E, October 2022

## Metrics

Publication: 58

Citation (WoS): 75

Citation (Scopus): 71

H-Index (WoS): 5

H-Index (Scopus): 5

## Congress and Symposium Activities

THE CARDIOLOGY SUMMIT: UP TO DATE 2024, Invited Speaker, Budapest, Hungary, 2024

1. avrasya kalp yetersizliđi kongresi, Invited Speaker, Muđla, Turkey, 2024

GİRİŞİMSEL KARDİYOLOJİ TOPLANTISI, Invited Speaker, İzmir, Turkey, 2024

NON VALVÜLER AF HASTALARINDA EDOKSABAN KULLANIMI, Invited Speaker, İzmir, Turkey, 2024

EMAEA PRACTİCAL VT, Invited Speaker, Milan, Italy, 2024

ULUSAL KALP YETERSİZLİĞİ TOPLANTISI, Invited Speaker, İstanbul, Turkey, 2024

GİRİŞİMSEL KARDİYOLOJİ TOPLANTISI, Invited Speaker, İzmir, Turkey, 2024

ULUSAL ARİTMİ TOPLANTISI, Invited Speaker, Antalya, Turkey, 2024

TKD ULUSAL ARİTMİ KONGRESİ, Invited Speaker, Antalya, Turkey, 2024

GİRİŞİMSEL KARDİYOLOJİ TOPLANTISI, Invited Speaker, İzmir, Turkey, 2024

EHRA 2024, Invited Speaker, Berlin, Germany, 2024

1. AVRASYA KALP YETERSİZLİĞİ KONGRESİ, Invited Speaker, İzmir, Turkey, 2024

ARİTMİ ANKARA ARİTMİ TOPLANTILARI RF İLE ATRİYAL FİBRİLASYON ABLASYONU, Session Moderator, Ankara, Turkey, 2024

cana can kat projesi, Invited Speaker, İzmir, Turkey, 2023

cana can kat projesi, Invited Speaker, İzmir, Turkey, 2023

ULUSAL ARİTMİ TOPLANTISI, Invited Speaker, Muđla, Turkey, 2023

TÜRK KARDİYOLOJİ DERNEĞİ KALP YETERSİZLİĞİ EĞİTİM MODÜLÜ-ARİTMİ VE CİHAZ TEDAVİSİ, Moderator, İzmir, Turkey, 2023

TÜRK KARDİYOLOJİ DERNEĞİ KALP YETERSİZLİĞİ EĞİTİM MODÜLÜ-ARİTMİ VE CİHAZ TEDAVİSİ, Moderator, İzmir, Turkey, 2023