



**TURKISH  
SOCIETY OF  
CARDIOLOGY**

# 37<sup>th</sup> TURKISH CARDIOLOGY CONGRESS

WITH INTERNATIONAL PARTICIPATION

**PROGRAM**

**18-21 NOVEMBER 2021**

**KAYA PALAZZO HOTEL - ANTALYA**



**TURKISH  
SOCIETY OF  
CARDIOLOGY**

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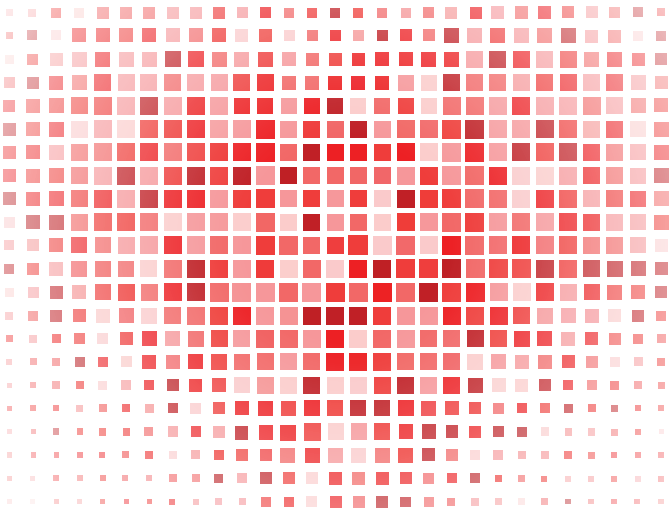
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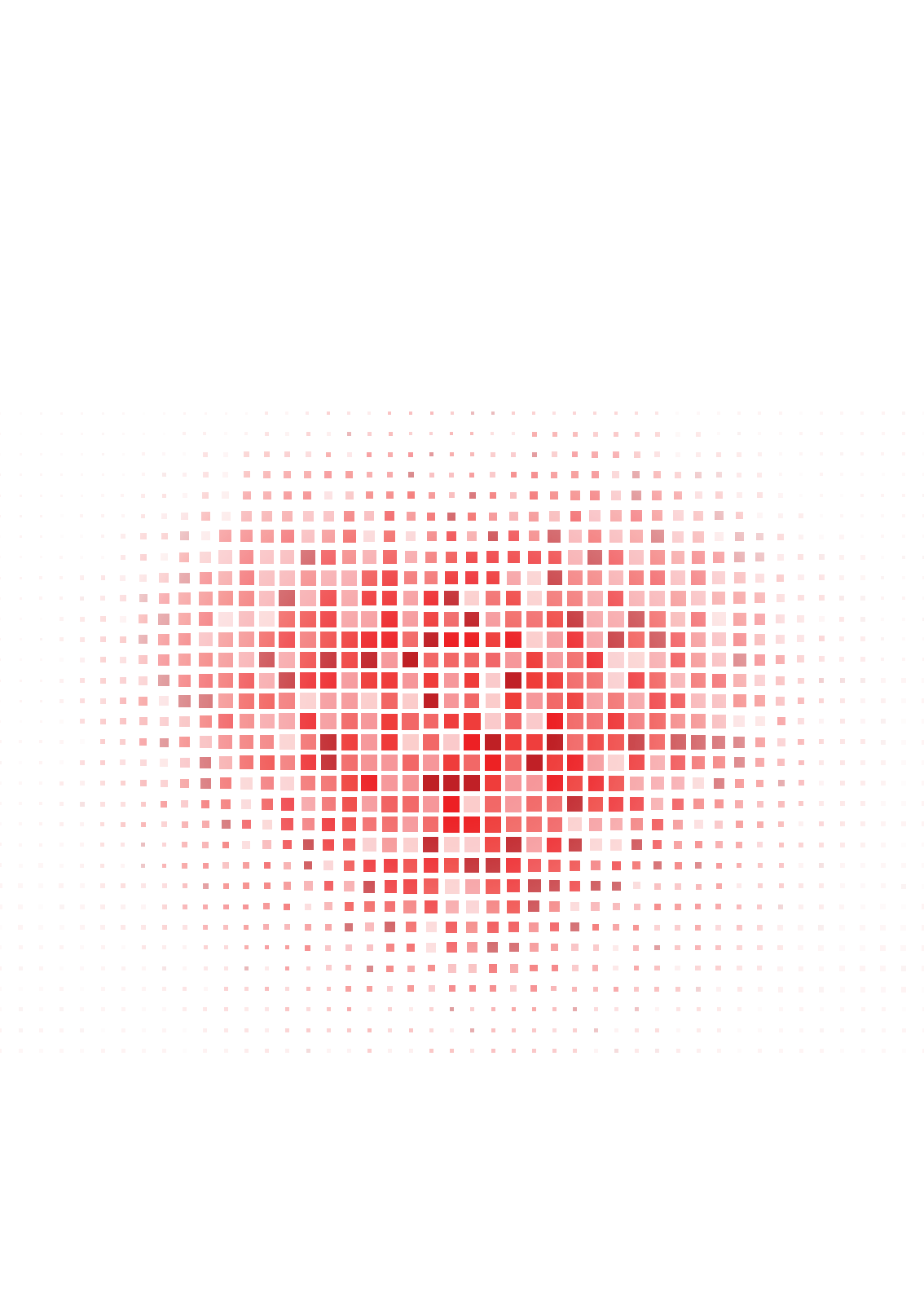




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SOCIETY OF  
CARDIOLOGY**

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CONGRESS**  
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**Dear Colleagues,**

In addition to organizing various training programs and events throughout the year, the Turkish Society of Cardiology plans to hold the National Cardiology Congress in November, as always, at a level worthy of its 58<sup>th</sup> year.

The Society is planning to present the rich content of our congress, which is one of the leading scientific congresses at national and international level with both the number of participants and high quality scientific content, with a wide range of satisfying scientific programs and various social activities that will appeal to all our participants.

Our goal of making our congress the leading meeting of the region in the field of Cardiology continues.

Our colleagues from other continents, as well as our colleagues from the European Society of Cardiology, member countries, will attend our congress this year. We expect the participation in our congress, which we held online last year, to increase even more this year.

In our congress, we tried to prepare the best program for you. We will update and discuss our latest knowledge on cardiovascular diseases through “Symposiums”, “Contrasting View” and “How To” sessions. We expanded our “Cardiology in Daily Practice” sessions under the title of “Young Cardiologists Sessions” to cover the entire cardiology practice.

We will improve our skills as well as our knowledge with the certified “Interactive Courses”, the number of which we have increased due to the intense interest in the past years. In each of our sessions, there are valuable speakers and panelists from Turkey and the world who are prominent scientists of their areas.

We believe that our joint sessions with ESC, ACC, Turkish World Society of Cardiology, EACVI, EHRA and EAPCI will be watched carefully.

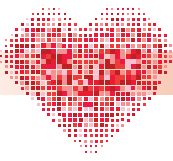
Our congress, whose international dimension has become stronger this year, will again be credited by the TSD. We will be pleased to see you among us at our congress.

Looking forward to meeting with you all within the 37<sup>th</sup> Turkish Cardiology Congress with International Participation on 18-21 November 2021, to share our knowledge,

With our best wishes and best regards,

**Prof. Dr. Vedat Aytekin**  
President of TSC

**Prof. Dr. Muzaffer Değertekin**  
President Elect  
Chair Scientific Committee



|                          |                         |
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## CONGRESS SCIENTIFIC COMMITTEE

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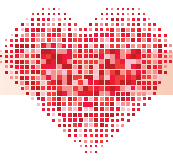
Dr. Fatih Sinan Ertaş

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 Dr. Yusuf Atmaca  
 Dr. Yusuf Karavelioğlu  
 Dr. Yüksel Çavuşoğlu  
 Dr. Yüksel Çiçek  
 Dr. Zehra Lale Koldaş  
 Dr. Zehra Melike Buğra  
 Dr. Zeki Öngen  
 Dr. Zerrin Yiğit  
 Dr. Zülkif Tannverdi



|                               |                                                                                                                                                                          |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Stephan Achenbach</b>      | President of the European Society of Cardiology                                                                                                                          |
| <b>Farid Aliyev</b>           | Past President of Azerbaijan Cardiology Society / Azerbaijan Medical University, Baku - Azerbaijan                                                                       |
| <b>Şakir Akın</b>             | Haga Hospital Le Hague and Erasmus MC University Medical Center, Rotterdam, The Netherlands                                                                              |
| <b>Felicità Andreotti</b>     | Cattolica del Sacro Cuore University Rome, Italy / European Heart Journal                                                                                                |
| <b>Gani Bajraktari</b>        | President of the Kosovo Society of Cardiology / Department of Internal Medicine, Faculty of Medicine, University of Pristina, Pristina - Kosovo                          |
| <b>Christoph Binder</b>       | Vienna Medical School, Austria / Vice President of the European Atherosclerosis Society                                                                                  |
| <b>Allan Bohm</b>             | Comenius University Bratislava, Slovakia / ESC Young Cardiovascular Professionals Committee Chair                                                                        |
| <b>Nico Bruining</b>          | Erasmus University, Rotterdam, Netherlands / European Heart Journal - Editor-in-Chief of Digital Health                                                                  |
| <b>Filippo Crea</b>           | Cattolica del Sacro Cuore University Rome, Italy / European Heart Journal Editor-in-Chief                                                                                |
| <b>Kadir Çalışkan</b>         | Erasmus University, Rotterdam, Netherlands                                                                                                                               |
| <b>Martin Cowie</b>           | ESC Digital Health Committee Chair                                                                                                                                       |
| <b>Victoria Delgado</b>       | ESC Councillor                                                                                                                                                           |
| <b>Mirza Dilic</b>            | Member of the Board of the Bosnia and Herzegovina Society of Cardiology / Sarajevo University Faculty of Medicine and Clinical Center, Sarajevo - Bosnia and Herzegovina |
| <b>Dariusz Dudek</b>          | President of EAPCI / Institute of Cardiology, Jagiellonian University, Poland                                                                                            |
| <b>David Duncker</b>          | Head of Hannover Heart Rhythm Center, Germany                                                                                                                            |
| <b>Arif Elvan</b>             | Director, Diagram Research, Zwolle, The Netherlands                                                                                                                      |
| <b>Michael Glikson</b>        | Director of Jesselson Integrated Heart Center / Past President of the Israel Heart Society                                                                               |
| <b>Christian Hassager</b>     | President of the Association for Acute CardioVascular Care / Chair of the Danish Heart Foundation                                                                        |
| <b>Dipti Itchhaporia</b>      | ACC President                                                                                                                                                            |
| <b>Firdovsi İbrahimov</b>     | President of the Turkic World Cardiology Association / Central Clinical Hospital, Azerbaijan                                                                             |
| <b>Cemil İzgi</b>             | Royal Brompton Hospital, United Kingdom                                                                                                                                  |
| <b>Tofiq Jahangirov</b>       | Past President of Azerbaijan Cardiology Society / Azerbaijan State Institute of Cardiology Advanced Education Clinic Department, Baku - Azerbaijan                       |
| <b>Zumreta Kusljugic</b>      | President of Bosnia and Herzegovina Society of Cardiology / Tuzla University Clinical Center Bosnia and Herzegovina                                                      |
| <b>Yuri Lopatin</b>           | Volgograd State Medical University, Russia                                                                                                                               |
| <b>Ricardo Ladeiras Lopes</b> | University of Porto, Portugal                                                                                                                                            |

|                                  |                                                                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Thomas Lüscher</b>            | Royal Brompton & Harefield Hospitals, UK / Secretary/Treasurer European Society of Cardiology                                                  |
| <b>Francois Mach</b>             | Director of the Cardiology Basic Science Laboratory at the Faculty of Medicine University of Geneva, Switzerland                               |
| <b>Erkin Mirrakhimov</b>         | Head of Department - Kyrgyz State Medical Academy                                                                                              |
| <b>Wilfred Mullens</b>           | Hospital Oost-Limburg (ZOL), Genk , Belgium                                                                                                    |
| <b>Isakh Mustafayev</b>          | President Azerbaijan Society of Cardiology                                                                                                     |
| <b>Konstantinos Papadopoulos</b> | Head of Echocardiography department, European Interbalkan Medical Center, Thessaloniki, Greece                                                 |
| <b>Steffen Petersen</b>          | President-Elect (2020-2022) European Association of Cardiovascular Imaging (EACVI)                                                             |
| <b>Belma Pojskić</b>             | Bosnia and Herzegovina Society of Cardiology Representative                                                                                    |
| <b>Athena Poppas</b>             | Brown University, USA / Past President, American College of Cardiology                                                                         |
| <b>Kausik Ray</b>                | President of the European Atherosclerosis Society                                                                                              |
| <b>Giuseppe Rosano</b>           | St. George's Hospital NHS Trust University of London, UK / President Elect Heart Failure Association                                           |
| <b>Petar Seferovich</b>          | Vice-President, European Society of Cardiology President, Heart Failure Society of Serbia                                                      |
| <b>Afzal Sohaib</b>              | King George Hospital, Ilford, Essex, UK                                                                                                        |
| <b>Sekib Sokolovich</b>          | Vice President of the Society of Cardiology of Bosnia and Herzegovina / Clinic University, Sarajevo - Bosnia and Herzegovina                   |
| <b>Özlem Soran</b>               | Director of the EECF Laboratory at the University of Pittsburg, USA                                                                            |
| <b>Christian Torp-Pedersen</b>   | University of Copenhagen, Denmark                                                                                                              |
| <b>Murat Tuzcu</b>               | Chief Academic Officer / Chairman, Heart and Vascular Institute / Chairman, Department of Cardiovascular Medicine / Cleveland Clinic Abu Dhabi |
| <b>Mani Vannan</b>               | Marcus Heart Valve Center Piedmont Heart Institute, USA                                                                                        |
| <b>Frank Visseren</b>            | University Medical Center Utrecht, Holland                                                                                                     |



### Congress Venue

Kaya Palazzo Hotel, Antalya

### Badges

Every guest who will enter the congress area must have completed the required registration process and have their badges. A badge check will be performed at all congress entrances and exit points. It is imperative that the badges are worn at all times during the congress for safety reasons.

### STE

37<sup>th</sup> International Cardiology Congress will be credited by Turkish Doctors Association with 21.5 points. Participants will only be able to receive credits for the sessions they attend.

### Exhibition Area

During the Congress, an exhibition area consisting of the pharmaceutical and medical companies, publishing houses will be open within the below timelines.

|                            |               |                     |
|----------------------------|---------------|---------------------|
| 18 NOVEMBER 2012, Thursday | 08:00 - 18:30 | Exhibitor Area Open |
| 19 NOVEMBER 2012, Friday   | 08:00 - 18:30 | Exhibitor Area Open |
| 20 NOVEMBER 2012, Saturday | 08:00 - 18:30 | Exhibitor Area Open |
| 21 NOVEMBER 2012, Sunday   | 08:00 - 12:00 | Exhibitor Area Open |

### Abstract Book

Oral and poster abstracts will be published in the special Issue of Anatolian Journal of Cardiology. In addition, cases will be included in the Case book.

### Webpage

You can follow all the information at [www.tkd.org.tr](http://www.tkd.org.tr)

### Course Registrations

Each course will be open for 40 participants. Those who enroll in the 37<sup>th</sup> Congress will be able to participate in these courses by applying through online registration free of charge. The course registrations will be closed when the quota is full. Participants in these courses will be given a separate certificate.

## INSTRUCTIONS

|       |                                                                   |
|-------|-------------------------------------------------------------------|
| ACC   | American College of Cardiology                                    |
| EACVI | European Association of Cardiovascular Imaging                    |
| EAPCI | European Association of Percutaneous Cardiovascular Interventions |
| EAS   | European Atherosclerosis Society                                  |
| ESC   | European Society of Cardiology                                    |
| HFA   | Heart Failure Association                                         |

|    |                 |
|----|-----------------|
| SB | Oral Abstract   |
| SO | Oral Case       |
| PB | Poster Abstract |
| PO | Poster Case     |

|                                                                                                      |                                                                                                                                  |
|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
|  Symposium          |  Oral Presentations                             |
|  Course             |  Case Sessions                                  |
|  Joint Symposium    |  "Consult to the Expert" Session                |
|  Competition        |  Satellite Symposium                            |
|  TSC Young Sessions |  Interesting Cases                              |
|  Face-Off         |  Nurses and Technicians Project Group Session |
|  Special Session  |                                                                                                                                  |



There will be English - Turkish - English simultaneous translation will be available



Keypads will be used



Video presentation (recorded presentations).



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WITH INTERNATIONAL PARTICIPATION

*Scientific Program*

The purpose and scope of the sessions within the 37<sup>th</sup> Congress are summarized below. In addition, it is aimed for our colleagues to enter the most suitable sessions by learning the for the purposes and expectations of the session through the learning objectives added under the scientific program.

### **Symposium**

It is the scientific sessions where the subjects related with cardiovascular diseases are reviewed according to recent developments and literature, and their reflections on the clinic and the future are discussed. Cardiology Experts, Cardiac Surgery Specialists, Internal Medicine Specialists and other colleagues who are interested in the subject at the researcher or clinical level can participate in these sessions.

### **How to do it?**

The problems encountered in daily cardiology practice will be discussed in an interactive session and the practical application should be explained as expert opinion. Cardiology Specialists, Internal Diseases Specialists, Cardiac Surgery Specialists, Family Specialists, Family Physicians, Emergency Medical Professionals, Practitioners and other colleagues can participate in these sessions.

### **Pro/Con Debate**

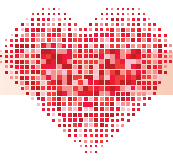
These are the scientific sessions where controversial issues related to cardiovascular diseases are reviewed by creating a discussion environment between two opposing views on the subject.

Cardiology Experts, Internal Diseases Specialists, Heart Surgery Specialists and other colleagues who are interested in the subject at research and clinical level can participate in these sessions.

### **Young Cardiologists Session**

In the daily clinical practice, the problems encountered by young cardiologists and the problems encountered are the sessions in which the reflections of the future are discussed.





### Interesting Cases

It is an interactive session in which the subjects related with cardiovascular diseases are reviewed by a case-based discussion and practical information that can be used against similar cases in daily clinical practice. They are presented to the participants through discussions between case servers, session chairs and panelists. Cardiology Experts, Internal Medicine Specialists, Cardiac Surgery Specialists and other colleagues who are interested in the subject at clinical and practical level can participate in these sessions.

### Meet the Expert

These are interactive sessions in which the subject is explained in detail by the experts and discussed with the participants.

### Course

Several courses were organized for a limited number of participants. Basic and advanced skills and techniques will be shown by our experienced experts. These courses must also be registered in advance.

### Oral Abstracts

Oral abstracts are the results of the latest scientific studies conducted in our country and in other countries about cardiovascular diseases. Cardiology Experts and other colleagues who are interested in the subject at the research level can participate in these sessions.

08:30 - 09:30

SYMPOSIUM 1

**Patients with High Atherosclerotic Incident Risk***Chairs: Serdar Aksöyek, Ceyhan Ceyhan*

ISTANBUL

*Panelists: Regayip Zehir, Erdal Aktürk, Mustafa Karabacak, İbrahim Oğuz Karaca***08:30-08:45 How to treat diabetic diseases?***Ercan Akşit*

Learning objective: Examination of patients with diabetes and in high-risk group in details. It is a group whose therapeutic goal has changed in the new guideline, and which is often overlooked. In general, in this group  $LDL < 100$  is aimed. Particularly specialists of internal diseases cannot give high dose statin due to reimbursement issues and in this group the rate of achieving the goal is very low. Diabetes is mainly followed up by internists and it is mainly the internal medicine who examines the target organ damage in these patients. We will discuss where and how cardiologists should get involved and what they need to do.

**08:45-09:00 Therapeutic approaches in familial hyperlipidemia***Cihan Altın*

Learning objective: How to conduct screening in familial hyperlipidemia, cascade screening, whom to suspect among inpatient and outpatient services, and how to approach? Is familial hyperlipidemia diagnosed clinically? Who do we need to ask for genetic tests? What are the therapeutic options in familial hyperlipidemia?

**09:00-09:15 How to treat patients having recurrent coronary incident?***Deniz Demirci*

Learning objective: What should our target LDL be in patients having recurrent coronary incident? How to treat them? Are guideline targets realistic for real life? What are the rates of achieving the guideline targets? How can we improve these rates?

**09:15-09:30 Are statin-related muscular symptoms real? How to manage statin intolerance?***Emin Alioğlu*

Learning objective: What is statin intolerance? Nocebo or real? What is its frequency? How to deal with it? What are our therapeutic options?

**09:30-10:00 COFFEE BREAK**

08:30 - 09:30

SYMPOSIUM 2

### Imaging in Infective Myocarditis and Endocarditis with our Recent Problems

*Chairs: Saide Aytekin, Hülya Çiçekçioğlu*



ANKARA

*Panelists: Aytül Belgi Yıldırım, Nilüfer Ekşi Duran, Zülkif Karahan*

**08:30-08:45** COVID-19 and vaccine-related myocarditis: What do we know?  
Do we have options in imaging?

*Cemil İzgi*

**08:45-09:00** We got a problem: TAVI infective endocarditis  
*Beste Özben Sadıç*

**09:00-09:15** Intracardiac-device endocarditis: ICD and pacemaker realities  
*Selma An*

**09:15-09:30** Multimodal imaging-guided patient management in prosthetic valve endocarditis  
*Mustafa Ozan Gürsoy*

09:30-10:00 COFFEE BREAK

08:30 - 09:30

SYMPOSIUM 3

Past, Present and Future of Pulmonary Hypertension...  
*Chairs: Cihangir Kaymaz, Mehmet Akbulut*



ANTALYA

- 08:30-08:45 New hemodynamic definition and clinical effects of pulmonary hypertension  
*Ümit Yaşar Sinan*
- 08:45-09:00 Multiparametric risk identification in pulmonary hypertension  
*Yalın Tolga Yaylalı*
- 09:00-09:15 Upfront combination therapy vs. sequential combination therapy in pulmonary hypertension?  
*Burçak Kılıçkiran Avcı*
- 09:15-09:30 New hopes in Group III pulmonary hypertension?  
*Nesrin Moğulkoç*

09:30-10:00 COFFEE BREAK

BAKU

## Young Cardiologists Panel - Controversial Subjects in Coronary Invasive Interventions

*Chairs: Kerim Esenboğa, Hakan Taşolar*

*Panelists: Metin Çoksevim, Nadir Emlek, Mehmet Burak Özen, Ersan Oflar*

### Subject 1: Preference of Complete or Culprit Revascularization in Acute Coronary Syndrome

08:30-08:37 Open all veins completely in the first intervention  
*Ahmet Karaduman*

08:37-08:44 Open only the culprit lesion in the first intervention  
*Mustafa Yenerçay*

08:44-09:00 Discussion

### Subject 2: Management of Patients with Coronary Thrombus Load in Acute Coronary Syndrome

09:00-09:07 Routine thrombus aspiration if thrombus is seen in the coronary  
*Ahmet Zengin*

09:07-09:14 Medical therapeutic options first if thrombus is seen in the coronary  
*Yücel Kanal*

19:14-09:30 Discussion

08:30 - 09:30

TSC YOUNG SESSIONS 1

09:30-10:00 COFFEE BREAK

08:30 - 09:30

COURSE 1

**Invasion to Distal Left Main Coronary and Bifurcation Lesions***Trainers: Alp Burak Çatakoğlu, Faruk Ertuş*

LEFKÖSA

Learning objectives: Short elaboration on mistakes made about indication.

Optimization of techniques applied in distal left main coronary and bifurcation lesions What to note during intervention?

Which technique to apply once intervention is decided? Which technique to apply in dual stent?

Complication management.

09:30-10:00 COFFEE BREAK

08:30 - 09:30

## ORAL PRESENTATIONS 1

## ORAL PRESENTATIONS 1

Cardiac Imaging / Ecocardiography

Chairs: Mustafa Sağlam, Cihan Şengül

BISHKEK

- SB-001** Left ventricular blood flow energetics after acute ST-segment elevation myocardial infarction associate with left ventricular remodeling  
*Ahmet Demirkıran, Pankaj Garg, Rob J. Van Der Geest, Hans J. Berkhof, Robin Nijveldt, John P. Greenwood, Sven Plein*
- SB-002** Evaluation of clinical, echocardiographic, and laboratory parameters in patients with intracardiac device and prothesis valve endocarditis  
*Metin Hamzayev, Demet Menekşe Gerede Uludağ, Türkan Seda Tan, Volkan Kozluca, İrem Dinçer, Eralp Tutar*
- SB-003** The role of coronary CT angiography and person's lifestyle habits in risk assessment for primary protection from cardiovascular diseases  
*Hatice İrem Üzümcü, Ebru Özpeli, Mehmet Emre Özpeli, Ertuğrul Ercan, Burak Şahinoğlu, Mahir Yılmaz*
- SB-004** The relationship between arterial stiffness and disease severity in patients with COVID-19  
*Lütfullah Candan, Mürsel Şahin*
- SB-005** Study of transesophageal echocardiography in young patients with cryptogenic stroke: Prevalence of patent foramen ovale and interpretation of the RoPe score  
*Ayça Arslan, Dilek Çiçek Yılmaz, Muhammed Adıyaman, Celal Kara, Özcan Örsçelik, İbrahim Arda Yılmaz*
- SB-006** Importance of Troponin-T levels and two-dimensional speckle tracking echocardiography in the assessment of cardiac injury during immune checkpoint inhibitor therapy for non-small cell lung cancer  
*Onur Baydar, Betül Elçioğlu, Alparslan Kılıç, Erol Gürsoy, Fatih Selçukbiricik, Vedat Aytekin, Saide Aytekin*

09:30-10:00 COFFEE BREAK

10:00 - 10:45

## JOINT SESSION 1

Joint Session of Turkish Society of Cardiology with the European Heart Journal: The Year in Cardiovascular Medicine

*Chairs: Çetin Erol, Petar Seferovic, Filippo Crea* 



ISTANBUL

10:00-10:10 The year in heart failure

*Dilek Ural*

10:10-10:20 The year in epidemiology

*Christian Torp-Pedersen*

10:20-10:30 The year in COVID-19 and cardiovascular diseases

*Emre Aslanger*

10:30-10:40 The year in thrombosis

*Felicità Andreotti*

10:40-10:45 Discussion

10:45-11:00 COFFEE BREAK



10:00 - 10:45

SPECIAL SESSION – FACE-OFF

### Rhythm Control in Atrial Fibrillation

Chair: Dursun Aras



ANTALYA

10:00-10:15 I prefer ablation: The earlier the better  
*Basri Amasyalı*

10:15-10:30 I prefer anti-arrhythmic therapy: Need to give a chance to medical therapy  
*Mehmet Kanadaşı*

10:30-10:45 Discussion

Learning objectives: In the light of current data, a comparison of ablation and medication in first-line therapy in paroxysmal atrial fibrillation.

*This session takes place thanks to unconditional support of MEDTRONIC.*

10:45-11:00 COFFEE BREAK

11:00 - 12:00

## JOINT SESSION 2

## TSC - ACC Joint Sessions

Chairs: Çetin Erol, Merih Kutlu, Dipti Itchhaporia 

ISTANBUL

11:00-11:15 Sex-difference in cardiovascular disease in women

Athena Poppas 

11:15-11:30 Changes affecting our clinical practice in cardiovascular prevention in 2021

Meral Kayıkçıoğlu

11:30-11:45 Cardiology and digital health perspective

Ahmet İlker Tekkeşin

11:45-12:00 Heart failure

Kadir Çalışkan

12:00-12:15 COFFEE BREAK

11:00 - 12:00

SYMPOSIUM 4

Current Issues in Heart Failures with Preserved EF

*Chairs: Tamer Sayın, Asife Şahinarslan*

ANKARA

11:00-11:15 **Phenotype: Intersex differences; a disease for females?***Özlem Yıldırım Türk*11:15-11:30 **Current diagnostic algorithm - HFA***Rezzan Deniz Acar*11:30-11:45 **Evidence-based medical therapy options: Any option indeed?***Yeşim Akın*11:45-12:00 **Device-based therapy options***Barış Kılıçaslan*

12:00-12:15 COFFEE BREAK

11:00 - 12:00

SYMPOSIUM 5

**New Approaches in Treatment of Dyslipidemia***Chairs: Öner Özdoğan, Cemil Gürgün*

ANTALYA

*Panelists: Hacı Murat Güneş, Tank Yıldırım, Ufuk Gürkan***11:00-11:15 Whom to give PCSK9 inhibitors?***Sadi Güleç*

Learning objective: PCSK9 inhibitors are yet to be a part of our daily practice from the cost-benefit perspective. Do we have a specific patient population which really requires using PCSK9 inhibitors?

**11:15-11:30 Is population-based dyslipidemia therapy possible?***Bahadır Kırılmaz*

Learning objective: Treatment of the entire population for atherosclerosis and LDL cholesterol gains importance. Thus, siRNAs that are used twice a year are promising.

**11:30-11:45 Combination therapy in dyslipidemia***Barış Güngör*

Learning objective: As in hypertension therapy, combination therapy in early period of treatment of dyslipidemia is becoming popular with new therapeutic approaches. The objective here is to provoke discussion on therapeutic approaches in patients with high cardiovascular risk and statin intolerance.

**11:45-12:00 Therapies to reduce triglyceride (fibrates and omega-3 fatty acids)***Özcan Başaran*

Learning objective: To evaluate effectiveness of Omega 3 fatty acids and fibrates and their effect on atherosclerotic plaque in the light of most recent developments.

**12:00-12:15 COFFEE BREAK**

11:00 - 12:00

## TSC YOUNG SESSIONS 2

**Tough Cases in the Catheter Hall: How do Young Cardiologists Approach the Difficult Scenarios Faced During Coronary Invasive Operations?**

*Chairs: Mahmut Tuna Katırcıbaşı, Mustafa Adem Yılmaztepe*

BAKU

*Panelists: Ercan Akşit, Hasan Özdiş, Özkan Bekler, Gözde Mümin, Sinan Demirel*

**11:00-11:10 Contrast extravasation took place during coronary invasion.  
What should I do now?**

*Adem Aktan*

**11:10-11:15 Discussion**

**11:15-11:25 No-reflow developed in the vein I invade during the operation.  
What should I do now?**

*Lütfi Öcal*

**11:25-11:30 Discussion**

**11:30-11:40 I will make invasion into a calcified/tortuous coronary artery.  
What should I do now?**

*Sadık Volkan Emren*

**11:40-11:45 Discussion**

**11:45-11:55 The material used during coronary invasion got embolized.  
What should I do now?**

*Mehmet Fatih Yılmaz*

**11:55-12:00 Discussion**

**12:00-12:15 COFFEE BREAK**

11:00 - 12:00

## COURSE 2

There is a Problem in Myocardium: Imaging in Cardiomyopathy with Cases. How to do?

*Trainers: Necla Özer, Seden Çelik*

LEFKÖSA

11:00-11:15 Amyloid heart  
*Ebru Özpelit*

11:15-11:30 Hypertrophic cardiomyopathy  
*Selcen Yakar Tülüce*

11:30-11:45 Dilated cardiomyopathy  
*Türkan Seda Tan*

11:45-12:00 Non-compaction and ARVD  
*Ahmet Barutçu*

12:00-12:15 COFFEE BREAK

11:00 - 12:00

## CASE SESSIONS 1

## CASE SESSIONS 1

Cardiovascular Surgery - Heart Valve Diseases - Heart Failure

Chairs: Sadık Açikel, Ömer Yiğiner

BİS-HEK

- SO-16** Congenital anomaly of circumflex coronary artery thought to be mis diagnosis as total occlusion  
*Erdal Şimşek, Mustafa Çetin, Okay Güven Karaca, Mustafa Mücahit Balcı, Serdar Günaydın, Ender Örnek*
- SO-17** Mortal seyirli VRE ilişkili izole pulmoner kapak endokarditi  
*Ayşe İrem Demirtala, İsmail Balaban, Duygu İnan, Anar Mammadli, Emir Derviş, Gökhan Kahveci*
- SO-18** Farklı kapak teknolojilerinin aynı hasta buluşması: Monoleaflet mitral mekanik protez kapaktan triküspid valve in valve işlemine uzanan yolculuk  
*Mehmet Aytürk, Münevver Sarı, Serdar Fidan, Zübeyde Bayram, Birol Özkan, Gökhan Alıcı*
- SO-19** Mechanical mitral valve thrombosis in a patient with COVID19 infection  
*Emre Arugaslan, Mustafa Karanfil, Yunus Çalapkulu, Ender Örnek, Hüseyin Bayram, Şeref Alp Küçükler*
- SO-20** TAVİ yapılan hastalarda farkedilmeyeni farketmek; Suicide sol ventrikül  
*Faruk Ertaş*
- SO-21** Erken yaşta nadir görülen kardiyomiyopati: Wild tip TTR amiloidoz  
*Ali Orçun Sürmeli, Mustafa Demir, Ahmet Çelik*

12:00-12:15 COFFEE BREAK

## SCIENTIFIC PROGRAM

18 November 2021, Thursday

12:15 - 13:00

## SATELLITE SYMPOSIUM

ROCHE DIAGNOSTICS - Satellite Symposium  
NTproBNP in heart failure: 5W1H  
*Chair: Ahmet Çelik*



İSTANBUL

*Speaker: Mehmet Birhan Yılmaz*

12:15 - 13:00

## SATELLITE SYMPOSIUM

AstraZeneca - Satellite Symposium  
Ticagrelor in the Treatment of Cardiovascular Diseases,  
Metoprolol and Rosuvastatin



ANTALYA

*Speakers: Muzaffer Değertekin, Enver Atalar, Murat Özdemir*

13:00-14:00 LUNCH



14:00 - 15:00

## JOINT SESSION 3

TSC - ACVC Joint Session:  
How to Reduce Sudden Cardiac Death in Acute Coronary Syndromes?

*Chairs: Ali Oto, Christian Hassager* 



ISTANBUL

**14:00-14:15** Risk prediction for sudden cardiac death in acute coronary syndrome  
*Yengi Umut Çelikyurt*

**14:15-14:30** Therapy of post-cardiac arrest syndrome  
*Christian Hassager* 

**14:30-14:45** Ventricular tachycardia during and after primary percutaneous coronary invasion  
*Bülent Görennek*

**14:45-15:00** Drug-resistant ventricular arrhythmias in acute coronary syndrome  
*Arif Elvan*

Learning objectives: To discuss how to reduce serious ventricular arrhythmia-related sudden cardiac deaths in patients with acute coronary syndrome in pre-hospital environment, catheter lab and coronary intensive care units.

In this session, we will discuss hot points on reduction of sudden cardiac deaths in acute coronary syndrome. Emphasis will be made on practical therapeutic strategies in pre-hospital stage, catheter labs and coronary intensive care units. It will be interesting and useful for everyone who sees patients with acute coronary syndrome in daily practice.

15:00-15:30 COFFEE BREAK

14:00 - 15:00

## SYMPOSIUM 6

**Percutaneous Coronary Invasion and DAPT Therapy in  
Invasive - Non-Elevation AKS Patients***Chairs: Ramazan Özdemir, Enver Atalar*

ANKARA

*Panelists: Remzi Sankaya, Zeki Yüksel Günaydın, Serkan Karahan, Hakkı Kaya***14:00-14:15** How to implement invasion and DAPT Therapy in a patient with high bleeding and ischemic risk?*Nil Özyüncü***14:15-14:30** De-escalation therapy: To whom and how?*Ayşe Saatçı Yaşar***14:30-14:45** How to proceed therapy after DAPT is stopped?*Ahmet Soylu***14:45-15:00** New DAPT recommendations in ESC 2020 ST non-elevation AKS guideline and its reflection on to our daily practice*Murat Özdemir*

Learning objectives: Discussion of DAPT Therapy according to bleeding and ischemic risk profile

**15:00-15:30** COFFEE BREAK

14:00 - 15:00

SYMPOSIUM 7

## Questions Waiting for Answers in Arrhythmia Clinic

Chairs: Sedat Köse, Sabri Demircan



ANTALYA

Panelists: Bernas Altıntaş, Mürsel Şahin, Hamza Sunman, Alpaz Arbaş

**14:00-14:15** An electrophysiological study in ventricular arrhythmia risk evaluation:  
To whom & when?

Duhan Fatih Bayrak

**14:15-14:30** Which one of ESC and ACC recommendations should we prefer in  
calculation of sudden death risk in hypertrophic cardiomyopathy?

Özcan Özeke

**14:30-14:45** ICD in non-ischemic KMP patient: How to identify the right  
patient and timing?

Gökay Nar

**14:45-15:00** What to do in a heart failure patient not responding to KRT?

Ayşen Ağaçdiken Ağır

Learning objectives: Role of electrophysiological study in identification of sudden death risk, reviewing the guidelines on hypertrophic cardiomyopathy, identification of proper ICD indication in primary prevention in non-ischemic KMP, reviewing alternative methods in a non-responder KRT patient.

15:00-15:30 COFFEE BREAK

THURSDAY  
AFTERNOON

## Tough Decisions in the Echocardiography Lab: Call the Senior!

*Chairs: Alev Kılıçgedik, Füsün Helvacı*

BAKU

*Panelists: Gökhan Çetinkal, Sena Sert Şekerci, Deniz Kaptan Özen, Tuğba Aktemur*

14:00-14:10 Is this mitral/aorta failure is moderate or severe?

Tough cases in valve deficiencies

*Çiğdem İleri*

14:10-14:15 Discussion

14:15-14:25 I've detected increase in gradient in my patient with a prosthetic valve.

Which route to follow?

*Mehmet Aytürk*

14:25-14:30 Discussion

14:30-14:40 How should cardiac imaging be in patients with ischemic stroke?

*Esra Polat*

14:40-14:45 Discussion

14:45-14:55 My patient has multiple valve pathologies. How should my echocardiographic evaluation be?

*Selda Murat*

14:55-15:00 Discussion

15:00-15:30 COFFEE BREAK

14:00 - 15:00

## COURSE 3

**Course on Approach to Hypertrophic Myocardium from Diagnosis to Therapy in Etiology of Heart Failure***Trainers: Osman Akın Serdar, Cafer Zorkun*

LEKOSA

- 14:00-14:12** Diseases causing hypertrophic myocardium and their echocardiographic evaluation  
*Omaç Tüfekçioğlu*
- 14:12-14:24** Evaluation of hypertrophic myocardium by means of multimodality cardiac imaging methods (CCT, CMR, nuclear)  
*Murat Tümüklü*
- 14:24-14:36** Role of cardiac biopsy in conditions causing hypertrophic myocardium  
*Emir Özgür Barış Ökçün*
- 14:36-14:48** Treatment of diseases causing hypertrophic myocardium  
*Selcen Yakar Tülüce*
- 14:48-15:00** Discussion

THURSDAY  
AFTERNOON

15:00-15:30 COFFEE BREAK

## ORAL PRESENTATIONS 2

Hypertension - Epidemiology - Cardiovascular Surgery

Lipid/Protective Cardiology - Cardiovascular Nursing/Technician

Chairs: *Serdar Aksöyek, Lütfullah Orhan*

BUSHKEK

- SB-007** The relationship between circulating serum omentin-1 levels and nascent metabolic syndrome in hypertensive patients  
*Sara Çetin Şanlıalp, Gökay Nar, Rukiye Nar*
- SB-008** Association of ITLN1 rs2274907 gene polymorphism and serum intelectin-1 level with hypertension in Turkish population: In cross-sectional study  
*Filiz Geyik, Günay Can*
- SB-010** Awareness level of patients about the significance of statin treatment and the effect of misinformations in communication networks on their medication compliance  
*Ali Kemal Çabuk, Gizem Çabuk*
- SB-011** Predictive role of protein convertase subtilisin Kexin Type-9 levels for fatty plaque morphology in asymptomatic intermediate carotid stenosis - A cross - Sectional study  
*Asım Enhos, Erdem Karaçöp*
- SB-012** Correlation between acceptance of illness and comfort level in patients with heart failure  
*Abdullah Avcı, Meral Gün, Semra Erdoğan*

15:00-15:30 COFFEE BREAK

15:30 - 16:30

SYMPOSIUM 8

## Messages of 2021 in Cardiology

*Chairs: Muzaffer Değertekin, Mustafa Kemal Erol,  
Thomas Lüscher* 



ISTANBUL

**15:30-15:45** Mechanical Circulatory Support for End-stage heart failure:  
When and how?  
*Şakir Akın*

**15:45-16:00** The most frequently seen pericarditis in post-COVID period:  
The Sarajevo Study  
*Sekib Sokolovic*

**16:00-16:15** De-escalation strategy in DAPT hyper-responders: Importance of  
reactive tests  
*Mirza Dilic*

**16:15-16:30** Medical therapy of heart failure in 2021  
*Yüksel Çavuşoğlu*

THURSDAY  
AFTERNOON

16:30-17:00 COFFEE BREAK

### Digital Health - Discussion of Young Cardiologists What will Change in my Clinical Practice with Digitalization of Health?

*Chairs: Ayhan Olcay, Mert İlker Hayıroğlu*



ANKARA

*Panelists: Ahmet Öz, İlke Çelikkale, Mevlüt Demir, Aysel Yağmur*

#### **Subject 1: Follow-up of Patients via Tele-Medicine**

15:30-15:37 I will follow up my patients in my clinical practice via tele-medicine.  
*Fatih Kahraman*

15:37-15:44 In patient follow-up, tele-medicine cannot replace traditional follow-up.  
*İlayda Berk*

15:44-16:00 Discussion

#### **Subject 2: Reflection of AI on clinical practice**

16:00-16:07 I trust in diagnoses predicted by artificial intelligence.  
*Serdar Bozyel*

16:07-16:14 I do not trust in diagnoses predicted by artificial intelligence.  
*Ahmet Güner*

16:14-16:30 Discussion

16:30-17:00 COFFEE BREAK



15:30 - 16:30

SYMPOSIUM 9

## Developments Changing our Practice in Valve Patients

Chairs: Sümeyye Güllülü, Dilek Ural



ANTALYA

Panelists: Davran Çiçek, Vedat Aslan, Güney Erdoğan, Zakir Lazoğlu

15:30-15:45 Do we get late to intervene in aorta stenosis?

Dilek Çiçek Yılmaz

15:45-16:00 How to evaluate secondary mitral failure? Clear limits?

Nuray Kahraman Ay

16:00-16:15 To what point should we follow up primary and secondary severe tricuspid deficiency? When to invade?

Zübeyde Bayram

16:15-16:30 Low EF/moderate AY; reason or coincidence?

İnci Tuğçe Çöllüoğlu

THURSDAY  
AFTERNOON

16:30-17:00 COFFEE BREAK

15:30 - 16:30

## TSC YOUNG SESSIONS 5

## Imaging Techniques in Cardiology other than Echocardiography

*Chairs: Ayça Boyacı, Betül Koçuş*

BAKU

*Panelists: Tülay Bayram, Neryan Özgül, Zeynep Ulutaş, Ahmet Balun***15:30-15:40** Importance of MRG in evaluation of myocardial storage diseases and genetic diseases*Mehtap Yeni***15:40-15:45** Discussion**15:45-15:55** New areas to use cardiac CT in coronary artery disease*Gökem Kuş***15:55-16:00** Discussion**16:00-16:10** Role of MRG in diagnosis of cardiomyopathies and myocarditis*Duygu Genç***16:10-16:15** Discussion**16:15-16:25** Fluoroscopic cardiac anatomy for cardiologists*Emir Derviş***16:25-16:30** Discussion**16:30-17:00** COFFEE BREAK

## ORAL PRESENTATIONS 3

Interventional Cardiology / Valve and Structural Heart Diseases

Chairs: Bekir Cingözbay, Kenan İltümür

- SB-013** Naples prognostic score as a novel prognostic prediction tool in patients undergoing transcatheter aortic valve implantation  
*Ahmet Bacaksız, Batuhan Aksoy, İlke Çelikkale, Hande Şişman, Sezgin Uzunoğlu, Ömer Uysal*
- SB-014** Predictive role of the InsCor Score for the mortality in patients undergoing transcatheter aortic valve implantation  
*Fahrettin Katkat*
- SB-015** Transcatheter tricuspid valve-in-valve and valve-in-ring implantation with a novel balloon expandable Myval® THV  
*Hüseyin Ayhan, Bilge Duran Karaduman, Telat Keleş, Engin Bozkurt*
- SB-016** Transcatheter aortic valve implantation with a novel balloon expandable Myval® THV under the local anesthesia  
*Hüseyin Ayhan, Bilge Duran Karaduman, Telat Keleş, Emrah Uğuz, Engin Bozkurt*
- SB-017** Effects of Anemia on TAVR outcomes  
*Yusuf Ziya Şener, Mehmet Levent Şahiner, Ahmet Hakan Ateş, Ergün Barış Kaya, Enver Atalar, Kudret Aytemir*
- SB-018** The impact of moderate to severe mitral regurgitation on mortality in patients undergoing transcatheter aortic valve implantation  
*Serkan Kahraman, Enes Arslan, Ahmet Emir Ulutaş, Arda Can Doğan, Gökhan Demirci, Mustafa Yıldız, Mehmet Ertürk*

15:30 - 16:30

ORAL PRESENTATIONS 3

16:30-17:00 COFFEE BREAK

17:00 - 17:45

## SATELLITE SYMPOSIUM

NEUTEC - Satellite Symposium  
Cardiovascular Protection  
Chair: Mustafa Kemal Erol



İSTANBUL

Speakers: Sadi Güleç, Enver Atalar, Hakan Karpuz

17:00 - 17:45

## SATELLITE SYMPOSIUM

SERVIER - Satellite Symposium  
Whatever you do, do it with heart!  
"What would you do in angina & heart failure management:  
Case discussion"  
Chair: Muzaffer Değertekin



ANKARA

Speakers: Bülent Mutlu, Cem Barçın, Mehmet Birhan Yılmaz

17:45-18:15 COFFEE BREAK

18:30

## OPENING CEREMONY

OPENING CEREMONY



ANTALYA

08:30 - 09:30

## NURSES AND TECHNICIANS PROJECT GROUP SESSION 1

What does most recent Guidelines Tell about Management of Cardiovascular Diseases?

*Chairs: Ahmet Yıldız, Vesile Ünver*

SARAJEVO

**08:30-08:45** Our road map in care (use of guidelines)

*Fisun Şenuzun Aykar*

**08:45-09:00** Heart failure and nursing management

*Abdullah Avcı*

**09:00-09:15** Acute coronary syndromes and nursing management

*Hatice Mert*

**09:15-09:30** Anticoagulant therapy and nursing management

*Ayda Kebapçı*

09:30-10:00 COFFEE BREAK

11:00 - 12:00

## NURSES AND TECHNICIANS PROJECT GROUP SESSION 2

Care in Coronary Intensive Care

*Chairs: Ahmet Çelik, Meral Gün*

SARAJEVO

- 11:00-11:15 An overview of symptoms most frequently experienced by patients from nurses' perspective  
*Zeliha Ertem*
- 11:15-11:30 Infection and nursing in coronary intensive care  
*Serap Özer*
- 11:30-11:45 Pseudoaneurysm and nursing management  
*Gamze İskenderoğlu*
- 11:45-12:00 Keyword in Care: Communication  
*Senem Kuşeli Dast*

12:00-12:15 COFFEE BREAK

14:00 - 15:00

## NURSES AND TECHNICIANS PROJECT GROUP SESSION 3

**Complex Coronary Operations**  
*Chairs: Mehmet Kaplan, Yusuf Uzkar*

SARAJEVO

**14:00-14:15** Preparation of laboratories and materials used in complex operations  
*Hülya Uludağ Şen*

**14:15-14:30** Auxiliary measurement and imaging techniques in complex operations (FFR, IVUS, OCT)  
*Gizem Türker*

**14:30-14:45** Operation strategy and techniques in complex cases  
*Uğur Uğrak*

**14:45-15:00** Case management in complications in complex operations  
*Ayşe Oltan*

THURSDAY  
AFTERNOON

15:00-15:30 COFFEE BREAK

15:30 - 16:30

## NURSES AND TECHNICIANS PROJECT GROUP SESSION 4

## Invasive Therapeutic Methods in Cardiac Valve Diseases

*Chairs: Eralp Tutar, Tayfun Ayyıldız*

SARAJEVO

15:30-15:42 Mitral balloon and aorta balloon valvuloplasty  
*Murat Gülen*

15:42-15:54 Mitraclip - carillon  
*Zafer Yazıcı*

15:54-16:06 TAVI patient selection preparation  
*Seval Öztürk*

16:06-16:18 TAVI application techniques with examples  
*Özgür Can*

16:18-16:30 TAVI case management in complications  
*Yusuf Aksucu*

16:30-17:00 COFFEE BREAK



17:00 - 18:00

NURSES AND TECHNICIANS PROJECT GROUP SESSION 5

## Non-invasive Diagnostic Methods for Cardiac Diseases

*Chairs: Fahriye Vatansever Ağca, Ercan Karabey*

SARAJEVO

18:00-18:15 Electrocardiography and ECG with effort  
*Saniye Eryüz*

18:15-18:30 Holter and Long Time Recorders  
*Sima Annaç*

18:30-18:45 Echocardiography  
*Musa Turgut*

18:45-19:00 Nuclear Cardiology  
*Sedat Yılmaz*

THURSDAY  
AFTERNOON

**Appropriate Selection of Prosthesis and Management of Complications in Valve Disease***Chairs: Mustafa Demirtaş, Uygur Çağdaş Yüksel*

ISTANBUL

**08:30-08:45** Mitral-Aorta valve selection (bioprosthetic metal valve or invasive surgery, approaches and size selection)  
*Oğuz Yavuzgil*

**08:45-09:00** Follow-up of prosthetic valve and preparation for non-cardiac surgery  
*Erdem Özel*

**09:00-19:15** Prosthetic valve problems and imaging (valve thrombus paravalvular leakage - endocarditis valve)  
*Sabahattin Gündüz*

**09:15-09:30** Approach to therapy of valve thrombus  
*Sercan Okutucu*

**09:30-10:00 COFFEE BREAK**

08:30 - 09:30

SYMPOSIUM 11

## Hypertension Update 2021

Chairs: Aylin Yıldırım, Yılmaz Güneş



ANKARA

Panelists: Mustafa Cemri, Çağlar Emre Çağlıyan, Durmuş Yıldırım Şahin, Nusret Açıkgöz

**08:30-08:45 Which method in hypertension follow-up? Benefits of digital health***Zülkif Tanrıverdi*

Learning objectives: Which methods should be preferred in measurement and follow-up of blood pressure? Office measurement, classical cuff measurement, automatic devices, automatic self-measurement in office, automatic self-measurement at home, ambulatory monitorization, benefits of technological advancements in follow-up (such as smart phones).

**08:45-09:00 Moderate or strict control of blood pressure?***Kaan Okyay*

Learning objectives: What should therapeutic targets be in blood pressure? How is the repercussion of tight control on clinical incidents? Any difference in special conditions such as elderly or diabetes?

**09:00-09:15 Pharmacological and non-pharmacological novelties in management of hypertension***Berkay Ekici*

Learning objectives: Any new drug in therapy of hypertension? (ARNI, gliflozins ...) What are the non-pharmacological novelties (biofeedback, baroreflex stimulation, sympathetic modulation, renal denervation, AV fistula formation)?

**09:15-09:30 Approach to hypertension during COVID***Servet Altay*

Learning objectives: Any change in prevalence and severity of hypertension due to COVID disease and vaccines? How to approach?

FRIDAY  
MORNING

09:30-10:00 COFFEE BREAK

08:30 - 09:30

## SYMPOSIUM 12

**Controversial Complex Cases in Pulmonary Hypertension:  
What would you do?***Chairs: Bülent Mutlu, Bahri Akdeniz*

ANTALYA

*Panelists: Halil Atas, Gülten Taçoy, İbrahim Başarıcı, Bedrettin Yıldızeli***08:30-08:45 Case 1 (Combined pre-post capillary PH)**  
*Murat Meriç***08:45-09:00 Case 2 (DKH-PAH)**  
*Necip Ermiş***09:00-09:15 Case 3 (KTEPH)**  
*Serkan Akdağ***09:15-09:30 Case 4 (Pop-PH)**  
*Hakkı Kaya***09:30-10:00 COFFEE BREAK**

08:30 - 09:30

## TSC YOUNG SESSIONS 6

## Young Cardiologists Report from Electrophysiology Lab

Chairs: İbrahim Rencüzoğulları, Mehmet Murat Sucu

BAKU

Panelists: Şiho Hidayet, Çağlar Özmen, Ayhan Küp, Cem Çöteli

08:30-08:40 A patient with Wolf-Parkinson-White diagnosis comes to the clinic.  
Management from diagnosis to therapy

Gökay Taylan

08:40-08:45 Discussion

08:45-08:55 A macro-reentrant tachycardia case in electrophysiology lab  
Tips on 3D mapping

Emir Baskovski

08:55-09:00 Discussion

09:00-09:10 Is it VES RVOT or LVOT originated? Tips on ECG for VES localization and  
critical points in ablation

Ahmet Korkmaz

09:10-09:15 Discussion

09:15-09:25 I will conduct PVI to my patient whom I follow up with atrial fibrillation.  
I cannot go through septum

Kıvanç Yalın

09:25-09:30 Discussion

FRIDAY  
MORNING

09:30-10:00 COFFEE BREAK

## Radial Invasions in-depth

*Trainers: Ersan Tatlı, Kadriye Orta Kılıçkesmez*

LEFKOSA

Learning objectives: Step-by-step explanation of trans-radial invasions. Selection of materials and maneuvers in challenging anatomies. Emphasis on the points to note in treatment of complications related to radial invasions.

FRIDAY  
MORNING

08:30 - 09:30

COURSE 4

09:30-10:00 COFFEE BREAK

08:30 - 09:30

## ORAL PRESENTATIONS 4

SARAJEVO

## ORAL PRESENTATIONS 4

Interventional Cardiology / Carotid and Peripheral Vascular

Interventional Cardiology / Coronary

*Chairs: Nizamettin Toprak, Orhan Maden*

- SB-019** Comparison between Percutaneous and surgical femoral access for endovascular aortic repair in patients with type III aortic Dissection (PRECLOSE Trial)  
*Ahmet Anıl Şahin, Ayşe Beril Türkylmaz, Nedim Uzun, Ömer Çelik*
- SB-020** Comparison of systemic immune-inflammation index levels in patients with isolated coronary artery ectasia versus patients with obstructive coronary artery disease and normal coronary angiogram  
*Kerim Esenboğa, Yakup Yunus Yamantürk, Alparslan Kurtul*
- SB-021** Recurrent acute coronary syndrome, How successful are we in risk modification and guideline recommendations?  
*Deniz Demirci, Duygu Ersan Demirci*
- SB-022** Characteristics of the patients with atrioventricular conduction block after ST segment elevation myocardial infarction and its clinical importance  
*Ilker Gül, Oktay Şenöz, Yalçın Özkurt, Bihter Şentürk, Ecem Gürses, Zeynep Yapan Emren, Ferhat Siyamen Yurdam, Yusuf Demir, Ahmet Erseçgin, Hamza Duygu*
- SB-023** Let's not deprive the COVID-19 patient from percutaneous coronary intervention  
*Ali Rıza Demir, Yalçın Avcı*
- SB-024** The association between invasive microvascular function and CMR-derived microvascular injury indicators and left ventricular function and infarct size at 1-month after reperfused STEMI  
*Ahmet Demirkıran, Lourens F. H. J. Robbers, Nina W. Van Der Hoeven, Henk Everaars, Luuk H. G. A. Hopman, Gladys N. Janssens, Hans J. Berkhof, Jorrit S. Lemkes, Maarten A. H. Van Leeuwen, Alexander Nap, Ramon B. Van Loon, Guus A. De Waard, Albert C. Van Rossum, Niels Van Royen, Robin Nijveldt*
- SB-025** A Novel method: Use of guideliner in the treatment of no-reflow  
*Nihat Kalay, Deniz Elcik, Şaban Keleşoğlu, Ali Doğan, Mehmet Tuğrul İnanç, Abdurrahman Oğuzhan*

FRIDAY  
MORNING

09:30-10:00 COFFEE BREAK

## ORAL PRESENTATIONS 5

Arrhythmia / Electrophysiology / Pacemaker / CRT-ICD

Chairs: *Fethi Kılıçaslan, Dursun Aras*

BISHKEK

- SB-026** The relationship between oxidative stress and autophagy - apoptosis in patients with paroxysmal atrial fibrillation  
*Halil Fedai, İbrahim Halil Altıparmak, Mustafa Beğenç, Tascanoc, Recep Demirbağ*
- SB-027** Long-term follow-up of patients with drug related atrioventricular block without a need of permanent pacemaker during index hospitalization: A retrospective study  
*Kemal Emrehan Parsova, Mert İlker Hayiroğlu, Levent Pay, Ahmet Çağdaş Yumurtas, Göksel Çinier, Kadir Gürkan*
- SB-028** Comparison of transesophageal echocardiography and positron emission tomography lead endocarditis in patients with implantable electronic cardiac device and battery pocket infection  
*Nazlı Turan Şerifler, Türkan Seda Tan, İrem Müge Akbulut Koyuncu, Ayşe İrem Demirtola, Sibel Turhan*
- SB-029** The relationship of idiopathic non-sustained ventricular tachycardia with left ventricular strain in patients with preserved ejection fraction  
*Şükrü Arslan*
- SB-030** The comparison of scoring systems in predicting bleeding in patients using novel oral anticoagulants  
*Yusuf İnci, Hasan Ali Barman, Sait Mesut Doğan*
- SB-031** Preliminary study of a novel wireless single lead ECG device  
*Evrin Simsek, Mariano Ruffo, Benay Özbay, Burcu Yağmur, Ahmet Can Urgancı, Emre Ketenoğlu, Gökçe Durmuş, Meral Kayıkçıoğlu*

09:30-10:00 COFFEE BREAK



10:00 - 10:45

SATELLITE SYMPOSIUM

MENARINI - Satellite Symposium  
Teachers Do Polyclinic  
*Chair: Hakan Karpuz*



İSTANBUL

*Speakers: Tevfik Ecdar, Mustafa Arıcı*

10:00 - 10:45

SATELLITE SYMPOSIUM

SERVIER - Satellite Symposium  
Whatever you do, do it with heart!  
"What would you do in hypertension management: 3 proofs 3 opinions"  
*Chair: Oktay Ergene*



ANKARA

*Speakers: Yunus Erdem, Sadi Güleç*

10:00 - 10:45

SATELLITE SYMPOSIUM

NOVO NORDISK - Satellite Symposium  
Changing Perspective to See Further  
Pharmacological Treatment of Obesity from a Cardiologist's Perspective  
*Chair: Muzaffer Değertekin*



ANTALYA

*Speakers: Meral Kayıkçıoğlu, Özlem Esen*

10:45-11:00 COFFEE BREAK

## Thematic Session - 1: Congenital Heart Diseases Whom, When and How to do?

*Chairs: Telat Keleş, Mehmet Ertürk*



ISTANBUL

*Panelists: Çağdaş Akgüllü, Murat Çelik, Mustafa Tuncer*

### 11:00-11:15 LAA closure, Whom? When?

*Levent Şahiner*

Learning objectives: Relationship between atrial fibrillation and stroke, potential indications of LAA closure in prevention of stroke, discussion of the cause-effect relationship between AF, LAA thrombus and stroke rather than technical features of the process.

### 11:15-11:30 Renal denervation, Whom? When?

*Emine Gazi*

Learning objectives: Potential indications of renal denervation in resisted hypertension, a brief summary of clinical studies on renal denervation as well as the renewed method rather than technicalities.

### 11:30-11:45 PFO closure, Whom? When?

*Şakir Arslan*

Learning objectives: Relationship between PFO and stroke, potential indications of PFO closure, summary of risky PFO anatomies that may be associated with stroke.

### 11:45-12:00 Paravalvular leak, Whom? When?

*Müslüm Şahin*

Learning objectives: Mitral and aorta paravalvular leak incidence, its clinical importance, possible indications of percutaneous paravalvular leak closure, summary of clinical studies.

## 12:00-12:15 COFFEE BREAK

11:00 - 12:00

SYMPOSIUM 14

Why do Cardiologists need to know CT?

Chairs: Muzaffer Değertekin, Erdoğan İlkay



ANKARA

11:00-11:15 Importance of CT in complex coronary invasion and where do we use it?  
*Olca Özveren*

11:15-11:30 Why is CT important in TAVI? Where and how do we measure?  
*Tahir Durmaz*

11:30-11:45 Why is CT important in mitral valve inlets? Where and how do we measure?  
*Sinan Dağdelen*

11:45-11:00 Importance of CT in aorta and peripheric invasions and where do we use it?  
*İbrahim Altun*

Learning objectives: Accurate use of cardiac CT in diagnosis and treatment in Cardiology as well as its impact on improving operational success and reducing complications.

FRIDAY  
MORNING

12:00-12:15 COFFEE BREAK

## Updated Approaches and Expectations in Arrhythmia Practice

Chairs: Dursun Aras, Sabri Demircan



ANTALYA

Panelists: Fethi Kılıçaslan, Ömer Alyan, Göksel Çağırıcı, Gökhan Aksan

11:00-11:15 Diagnostic approach and risk stratification in a patient with cardiac syncope  
Tolga Aksu11:15-11:30 Updated use and future horizons of mobile technology in arrhythmia  
Taylan Akgün11:30-11:45 Atrial fibrillation ablation in specific patient groups  
Nihal Akar Bayram11:45-12:00 Ablation therapy in VES/VT: Which patient & when?  
Hikmet Yorgun

Learning objectives: Reviewing the most recent approaches to diagnosis and risk stratification of syncope patients, practical use of digital technologies in arrhythmia practice, review of ablation in specific patient groups in atrial fibrillation, discussion of appropriate patient and time for ablation in ventricular arrhythmia.

12:00-12:15 COFFEE BREAK

11:00 - 12:00

TSC YOUNG SESSIONS 7

## Difficult Scenarios in Patients with Implanted Cardiac Device

*Chairs: Ahmet Vural, Muhammet Dural*

BAKU

*Panelists: İbrahim Ersoy, Muhammet Ulvi Yalçın, Deniz Elçik, Fatih Akkaya***11:00-11:10** Septal pacing, his bundle pacing or left branch pacing in a patient admitted with AV full block?*Barış Akdemir***11:10-11:15** Discussion**11:15-11:25** I cannot achieve clinical improvement in a patient I planted CRT.*Mustafa Yılmaz***11:25-11:30** Discussion**11:30-11:40** I am with my patient who receives ICD discharge and his pace-maker output in ER.*Evrin Şimşek***11:40-11:45** Discussion**11:45-11:55** There is erosion in pace pocket of my patient whom I implanted pacemaker. What should I do now?*Burak Sezenöz***11:55-12:00** DiscussionFRIDAY  
MORNING

12:00-12:15 COFFEE BREAK

**Pacemaker - ICD Programming and problem-Solving***Trainers: İlyas Atar, Özgür Aslan*

LEFKÖSA

**11:00-11:15 Pacemaker in device clinic and follow-up of ICD patients***Selçuk Kanat***11:15-11:30 Pacemaker programming: During operation and follow-up***Emin Evren Özcan***11:30-11:45 ICD programming: During operation and follow-up***Timuçin Altın***11:45-12:00 Approach to electromagnetic interaction in cardiac implantable devices***Ali Deniz*

Learning objectives: Discussion on clinical follow-up of pacemaker and ICD patients, appropriate programming and problems.

**12:00-12:15 COFFEE BREAK**

11:00 - 12:00

## CASE SESSIONS 2

## CASE SESSIONS 2

Interventional Cardiology / Valve and Structural Heart Diseases

Interventional Cardiology / Carotid and Peripheral Vascular

Nuclear Cardiology - Other

*Chairs: Neşe Çam, Özlem Soran*

SARAJEVO

- S0-22** Percutaneous repair of functional mitral regurgitation and ICD lead related tricuspid regurgitation in a thalassemia major patient  
*Ismail Ateş, Murat Esin, Mehmet Doğru, Akif Durak*
- S0-23** Successful retrograde revascularization of anterior tibial artery occlusion after procedure - related dissection  
*Emre Gürel, Tuba Güctekin, Zekeriya Doğan, Murat Sünbül, Altuğ Çiçin, Kürşat Tigen*
- S0-24** Chronic Q fever endocarditis  
*Betül Ayça Yamak, Serkan Ünlü, Hakan Zor*
- S0-25** Enfeksiyöz olmayan endokarditin nadir rastlanılan bir nedeni erişkin still hastalığı  
*Emre Melik Faideci, İshak Yılmaz, Sinan Güzel, İrfan Şahin, Ertuğrul Okuyan*
- S0-26** A rare cause of abdominal pain in an adult patient: Intravenous leiomyomatosis with intracardiac extension  
*Şahhan Kılıç, Tufan Çınar, Vedat Çiçek, Suha Asal, Murat Selçuk, Muhammed Keskin, Mehtap Güner, Ahmet Turan, Ahmet Lütfullah Orhan*

FRIDAY  
MORNING

12:00-12:15 COFFEE BREAK

## ORAL PRESENTATIONS 6

Cardiac Imaging / Echocardiography

Chair: Alev Arat Özkan, Yüksel Kaya

BISHKEK

- SB-065** Evaluation of right atrial function in patients with COVID-19 pneumonia using speckle tracking echocardiography  
*Mehmet Rasih Sonsöz, Gülten Güven, Ufuk Yıldız, Atilla Koyuncu, Gökhan Kahveci*
- SB-066** Evaluation of patients with transcatheter aortic valve implantation with 3D speckle tracking echocardiography before and after the procedure  
*Örsan Deniz Urgun, Seyda Şahin, Ömer Şen, İbrahim Halil Kurt*
- SB-067** The frequency of pericardial effusion in COVID-19 patients and its relationship with mortality  
*Dilek Cahide Haznedar Kırıcı, Savaş Özer, Eser Bulut*
- SB-068** RV free wall longitudinal strain as an independent predictor of survival in wtATTR-CA patients  
*Türkan Seda Tan, Martha Grogan, Angela Dispenzieri, Daniel Borgeson, Garvan Kane, Sorin Pislaru, Didem Oguz, Grace Lin*
- SB-069** Left atrial abnormalities in patients with heart failure and preserved ejection fraction who have transthyretin cardiac amyloidosis  
*Selda Murat, Halit Emre Yalvaç, İlknur Ak Sivriköz, Yüksel Çavuşoğlu*
- SB-070** Left ventricular global longitudinal strain in low cardiac risk outpatients who recently recovered from coronavirus disease 2019  
*Turhan Turan, Ahmet Özderya, Sinan Şahin, Ali Hakan Konuş, Ali Rıza Akyüz, Ezgi Kalaycıoğlu, Selim Kul, Muhammet Raşit Sayın*

12:00-12:15 COFFEE BREAK



12:15 - 13:00

SATELLITE SYMPOSIUM

**BAYER - Satellite Symposium**  
 Our Loved Ones Are Irreplaceable;  
 Comprehensive protection for your patients with Rivaroxaban  
*Chair: Oktay Ergene*



İSTANBUL

*Speakers: Ömer Akyürek, Selcen Yakar Tülüce, Mehmet Birhan Yılmaz*

12:15 - 13:00

SATELLITE SYMPOSIUM

**NOVARTIS - FARMANOVA - Satellite Symposium**  
 5 - 4 - 3 - 2 - 1 ARNI  
*Chair: Yüksel Çavuşoğlu*



ANKARA

*Speakers: Ahmet Temizhan, Ahmet Çelik*

12:15 - 13:00

SATELLITE SYMPOSIUM

**RECORDATI - Satellite Symposium**  
 Conversations on Saving Life: Treatment of Dyslipidemia  
 with Statins Advances in Hypertension Treatment and  
 Target Organ Protection  
*Chair: Hakan Karpuz*



ANTALYA

*Speakers: Tevfik Ecdar, Öner Özdoğan*

13:00-14:00 LUNCH

## TSC - EAS Joint Session:

## An Update in Atherosclerosis: Lipid, Inflammation and Plaque

Chairs: Lale Tokgözoğlu, Sema Güneri



ISTANBUL

## 14:00-14:15 From lipid storage disease to inflammation

Özcan Başaran

Learning objectives: Is atherosclerosis a passive lipid storage? Is it always progressive? The role of inflammation on atherosclerosis? Discussion on role and effectiveness of anti-inflammatory therapy.

## 14:15-14:30 Importance of nucleic acid-based therapies from homozygote FH to public health

Kausik Ray

Learning objectives: Is oxidized LDL a must? Does it trigger atherosclerosis in Nativ LDL? Which one is worse? Discussion of role of LDL on atherosclerosis in the light of most recent knowledge.

## 14:30-14:45 Is HDL still protective? The role of triglycerides on atherosclerosis

Christoph Binder

Learning objectives: Is HDL cholesterol protective against atherosclerosis? Does it work to increase HDL? How is the relationship between triglyceride and HDL? What is the role of triglycerides in atherosclerosis? Does decreasing triglyceride slow down atherosclerosis?

## 14:45-15:00 What is sensitive plaque? Is atherosclerosis always progressive?

Öner Özdoğan

Learning objectives: Has the definition of sensitive plaque changed? Which plaques should be treated more aggressively? Can we predict which plaque will cause coronary incident? Which plaques progress and which one regress?

## 15:00-15:15 COFFEE BREAK

14:00 - 14:30

FACE-OFF 1

## Therapeutic Approach in Chronic Coronary Artery Disease

Chairs: Adnan Abacı, Ilgın Karaca



ANKARA

Panelists: Alev Arat Özkan, Tahir Bezgin, Mustafa Kılıçkap, Mustafa Necati Dağlı

## 14:00-14:10 Medical/conservative approach is better.

Emre Aslanger

Learning objective: Discussion of literature data suggesting superiority of medical therapy in chronic coronary artery disease.

## 14:10-14:20 Invasive approach is better.

Şevket Görgülü

Learning objective: Discussion of literature data suggesting superiority of invasive therapy in chronic coronary artery disease.

## 14:20-14:30 Discussion

14:30 - 15:00

FACE-OFF 2

## Evaluation of Intermediate Lesion

Chairs: Ferhan Özmen, Aziz Karabulut



ANKARA

Panelists: Gökhan Alıcı, Şenol Demircan, Mehmet Melek, Harun Kılıç

## 14:30-14:40 Functional evaluation (FFR, IFR, CFR, IMR) is needed.

Murat Sezer

Learning objective: Role of functional evaluation in determining the need for invasion.

## 14:40-14:50 Anatomic evaluation (QCA, IVUS, OCT) is enough.

Onur Taşar

Learning objective: Role of anatomic evaluation in determining the need for invasion and in optimization of invasion.

## 14:50-15:00 Discussion

## 15:00-15:15 COFFEE BREAK

FRIDAY  
AFTERNOON

**Thematic Session on Heart Failure: Diuretic Resistance in Heart Failure***Chairs: Hakan Karpuz, Fatih Sinan Ertaş***ANTALYA**

- 14:00-14:12** Definition and pathophysiology of diuretic resistance  
*Ayça Gümüşdağ*
- 14:12-14:24** Kronik kalp yetersizliğinde diüretik direncine yaklaşım  
*Erhan Tenekecioğlu*
- 14:24-14:36** Akut kalp yetersizliğinde diüretik direncine yaklaşım  
*Nihan Kahya Eren*
- 14:36-14:18** Doğru ilaçlar tedavide yetersiz kaldığında ne yapmalı?  
*Mümtaz Yılmaz*
- 14:48-15:00** Discussion

**15:00-15:15 COFFEE BREAK****FRIDAY  
AFTERNOON****14:00 - 15:00****SYMPOSIUM 16**

14:00 - 15:00

## TSC YOUNG SESSIONS 8

A Decisive Victory against Hypertension in the 21<sup>st</sup> Century?*Chairs: Taner Şen, Sedat Kalkan*

BAKU

*Panelists: Bedri Caner Kaya, Hilal Erken Pamukcu, Hüseyin Durak, Selvi Öztas***14:00-14:10 Which guideline in diagnosis of hypertension?****Which techniques?***Taner Şeker***14:10-14:15 Discussion****14:15-14:25 Optimal medical therapy and current objectives in hypertension patients***Ufuk Yıldırım***14:25-14:30 Discussion****14:30-14:40 Medical and invasive therapeutic methods in resistant hypertension patients***Nijad Bashkhaliev***14:40-14:45 Discussion****14:45-14:55 How necessary is evaluation of end organ damage in a hypertensive patient?***Oğuz Kaan Kaya***14:55-15:00 Discussion**FRIDAY  
AFTERNOON**15:00-15:15 COFFEE BREAK**

## 3D Echocardiographic Evaluation with Cases. How to do?

*Trainers: Gökhan Kahveci, Nurcan Arat*

14:00-14:15 3D Evaluation in native and prosthetic mitral valve pathologies

*Demet Menekşe Gerede Uludağ*

14:15-14:30 3D Evaluation in native and prosthetic aorta valve pathologies

*Alev Kılıçgedik*

14:30-14:45 3D Evaluation in native and prosthetic tricuspid valve pathologies

*Münevver Sarı*

14:45-15:00 3D evaluation of right and left ventricular functions

*İrem Karaüzüm*

14:00 - 15:00

COURSE 6

FRIDAY  
AFTERNOON

15:00-15:15 COFFEE BREAK

14:00 - 15:00

## ORAL PRESENTATIONS 7

## ORAL PRESENTATIONS 7

Heart Valve Diseases - Other

Chair: Engin Bozkurt, Rezzan Deniz Acar

SARAJEVO

- SB-037** Evaluation of procedural, clinical outcomes and 8-year survivals of TAVI: A single-center experience with different bioprosthetic valves  
*Hatice Özdamar, Tuğçe Çöllüoğlu, Özer Badak, Nezihi Barış, Oktay Ergene, Hüseyin Dursun, Dayimi Kaya*
- SB-040** Head to head compArison of ThrombolyTic therapy and sÜrgery in patients with obStructive prosthetic Heart vAlve thrombosis: The multicenter HATTUSHA Trial  
*Mehmet Özkan, Sabahattin Gündüz, Ahmet Güner, Macit Kalçık, Mustafa Ozan Gürsoy, Begüm Uygur, Nurşen Keleş, Hasan Kaya, Alev Kılıçgedik, Emrah Bayam, Semih Kalkan, Mehmet Ali Astarçioğlu, Süleyman Karakoyun, Mahmut Yesin, Duygu İnan, Ali Fedakar, Sabit Sarkaya, Mehmet Aksüt, Burak Onan, Cevdet Uğur*
- SB-041** Is automatic Cpr more effective than manuel Cpr in patients with cardiac arrest in the emergency department: comparison with ETCO2 values  
*Yavuz Yılmaz, Fevzi Yılmaz, Aykut Yılmaz, Bedriye Müge Sönmez, Selma Tekkanat*

FRIDAY  
AFTERNOON

15:00-15:15 COFFEE BREAK

## ORAL PRESENTATIONS 8

Coronary Artery Disease / Acute Coronary Syndrome

*Chairs: İbrahim Akın İzgi, Hatice Selçuk*

BISHKEK

- SB-042** Prognostic value of systemic immune-inflammation index in hospitalized COVID-19 patients with coronary artery disease  
*Selda Murat, Bektaş Murat, Kadir Uğur Mert*
- SB-043** The effects of medical history, electrocardiographic biochemical and coronary angiographic features and applied treatment on in-hospital and long-term survival of patients attending with cardiac arrest  
*Ufuk Aydoğdu, Göktuğ Savaş, Sait Terzi*
- SB-044** Outcomes in coronary no-reflow phenomenon patients and the relationship between kidney injury molecule-1 and coronary no-reflow phenomenon  
*Mustafa Ahmet Huyut*
- SB-045** Can we use triglyceride glucose index to predict the presence of coronary slow flow in patients without diabetes?  
*Sara Çetin Şanlıalp, Musa Şanlıalp*
- SB-046** The lipid ratios and lipid levels are associated with the combination of {NOS3} and {APOE} gene polymorphisms in coronary artery disease  
*Aybike Sena Özüynük, Aycan Fahri Erkan, Nazlı Doğan, Berkay Ekici, Nihan Erginel Ünalıtuna, Özge Kurmuş, Neslihan Çoban*
- SB-047** Effect of logistics clinical syntax score on long-term clinical results in coronary bifurcation lesions with double stent applied  
*Yalçın Avcı*
- SB-048** In-hospital outcomes and 1-year mortality after myocardial infarction in diabetic patients: Nationwide data from TURKMI registry  
*Mustafa Kılıçkap, Meral Kayıkçioğlu, Mustafa Kemal Erol, Ahmet Arif Yalçın*

15:00-15:15 COFFEE BREAK



15:15 - 16:15

## JOINT SESSION 5

TSC - EAPCI Joint Session:  
An Update of Invasive Cardiology in 2021  
What happened? What were discussed?  
*Chairs: Eralp Tutar, Dariusz Dudek*



ISTANBUL

15:15-15:30 Acute coronary heart diseases  
*Dariusz Dudek*

15:30-15:45 Congenital heart diseases  
*Teoman Kılıç*

15:45-16:00 Peripheral vascular diseases  
*Yusuf Karavelioğlu*

16:00-16:15 Valve diseases  
*Cem Barçın*

16:15-16:30 COFFEE BREAK

FRIDAY  
AFTERNOON

15:15 - 16:15

SYMPOSIUM 17

New Therapies in Heart Failure  
*Chairs: Nihal Özdemir, Hakan Altay*



ANKARA

- 15:15-15:30 SGLT2 inhibitors  
*Ahmet Temizhan*
- 15:30-15:45 sGC stimulators, omecamtive mecarbil  
*Kamil Tülüce*
- 15:45-16:00 Sacubitril/valsartan  
*Sanem Nalbantgil*
- 16:00-16:15 Potassium binders  
*Tolga Sinan Güvenç*

16:15-16:30 COFFEE BREAK

FRIDAY  
AFTERNOON

15:15 - 16:15

## SYMPOSIUM 18

## PVEDKH and GKB Joint Session: A Holistic Approach to ASD

*Chairs: Serdar Küçüköğlu, Davran Çiçek*

ANTALYA

*Panelists: İbrahim Demir, Akar Yılmaz, Şükrü Akyüz*

**15:15-15:30** Correct patient selection in ASD closure  
*Tarik Kıvrak*

**15:30-15:45** Role of imaging in ASD closure (multi-modular imaging)  
*Fahriye Vatansever Ağca*

**15:45-16:00** ASD closure techniques and tips  
*Hasan Arı*

**16:00-16:15** Discussion

**16:15-16:30** COFFEE BREAK

FRIDAY  
AFTERNOON

15:15 - 16:15

TSC YOUNG SESSIONS 9

**Current Medical Therapies in Heart Failure. An achievement?***Chairs: Mustafa Kürşat Tigen, Emrah Erdoğan*

BAKU

*Panelists: Sevil Gülaştı, Oğuzhan Bodur, Dursun Akaslan, Nuri Küpelikılıç*

15:15-15:25 The new optimal medical therapy era in heart failure - ARNi and SGLT2i  
*Veysel Özgür Barış*

15:25-15:30 Discussion

15:30-15:40 Will we have more patients with myocarditis diagnosis after COVID-19 and/or vaccination?  
*Songül Üstündağ*

15:40-15:45 Discussion

15:45-15:55 My patient with HFrEF diagnosis does not respond to medical therapy - management of comorbid situations and drug resistance  
*Özge Çakmak Karaaslan*

15:55-16:00 Discussion

16:00-16:10 Are we helpless in HFpEF?  
*Canan Elif Yıldız*

16:10-16:15 Discussion

16:15-16:30 COFFEE BREAK

FRIDAY  
AFTERNOON

15:15 - 16:15

COURSE 7

LEFKOSA

**Stress Echocardiography/Strain Echocardiography with Cases**  
*Trainers: Bahadır Dağdeviren, Elif Eroğlu Büyüköner*

**15:15-15:30** Stress echocardiography in ischemic heart disease  
*Özlem Esen*

**15:30-15:45** Stress echocardiography in valve diseases  
*Begüm Uygur*

**15:45-16:00** Diastolic stress echocardiography  
*Konstantinos Papadopoulos*

**16:00-16:15** Let's draw the limits of LV, RV and LA in strain echocardiography with cases  
*Serkan Ünlü*

FRIDAY  
AFTERNOON

**16:15-16:30** COFFEE BREAK

## CASE SESSIONS 3

Interventional Cardiology / Coronary

Chairs: Sinan Aydoğdu, Ilgın Karaca

SARAJEVO

15:15 - 16:15

CASE SESSIONS 3

- SO-27** Kateter laboratuvarında kabuslarımız gerçek olduğunda: Tip 3 koroner perforasyonun 'Ping Pong' tekniği ile başarılı yönetimi  
*Ali Nazmi Çalık, Semih Eren, Şennur Ünal Dayı*
- SO-28** Radyal arter her zaman daha iyi değil: Radyal arter kullanılarak yapılan koroner girişim sırasında oluşan katater kırılması komplikasyonunun yönetimi  
*Nail Burak Özbeyaz, Sadık Açkel*
- SO-29** Ascending aorta dissection during distal left main stenting  
*Kanber Ocal Karabay, Ali Bayraktar*
- SO-30** Successful management of distal coronary artery perforation with the modified cut balloon technique during percutaneous coronary intervention  
*Lütfi Öcal, Cemalettin Yılmaz, Samet Uysal, Sinan Cerşit, Regayip Zehir*
- SO-31** Anterograd akımın olmadığı dev intrakoronar trombüslü olguda standart perkütan koroner girişim (PKG) ekipmanı ile etkili intrakoronar trombolitik uygulama metodu  
*Mehmet Cem Başel, Aydın Dursun, Zekeriya Afşin Çulhaoglu*
- SO-32** Dirençli radial arter spazmını çözmek için lokal subkutan nitroglicerinin uygulaması: 3 vakalık seri  
*Oktay Senöz, Zeynep Yapan Emren*

16:15-16:30 COFFEE BREAK

15:15 - 16:15

## ORAL PRESENTATIONS 9

## ORAL PRESENTATIONS 9

Arrhythmia / Electrophysiology / Pacemaker / CRT-ICD

Chairs: Sabri Demircan, Taylan Akgün

BİSHKEK

- SB-049** Effect of SGLT-2 inhibitors on P wave indices and atrial electromechanics in type 2 diabetes mellitus patients  
*Murat Ziyrek, Mustafa Duran, Hüseyin Tezcan*
- SB-050** Increased sympathetic activity might be associated with increased tendency for ventricular tachycardia progression in patients with frequent outflow tract ventricular premature complexes  
*Serdar Demir*
- SB-051** Serum Elabela level is associated with left atrial function in non-cardioembolic stroke patients  
*Ferhat Dindas, Anıl Şahin*
- SB-052** Postoperative atrial fibrillation after coronary artery bypass grafting surgery: A two-dimensional speckle tracking echocardiography study  
*Dursun Akaslan, Beste Özben, Murat Sünbül, Kürşat Tigen*
- SB-053** Percutaneous extraction of transvenous permanent pacemaker/defibrillator leads; A single center experience  
*Serkan Yüksel, Murat Akcay*

FRIDAY  
AFTERNOON

16:15-16:30 COFFEE BREAK

16:30 - 17:15

SATELLITE SYMPOSIUM

**BOEHRINGER INGELHEIM - Satellite Symposium**  
 The Role of Empagliflozin in the Treatment of HF and  
 ESC HF Guideline Update  
*Chair: Oktay Ergene*



İSTANBUL

*Speakers: Özlem Üstay, Mehmet Birhan Yılmaz, Yunus Erdem*

16:30 - 17:15

SATELLITE SYMPOSIUM

**SANDOZ - Satellite Symposium**  
 What Has Changed in Heart Failure and Atrial Fibrillation?,  
 What Hasn't Changed?  
*Chair: Serdar Küçükkoğlu*



ANKARA

*Speakers: Serdar Küçükkoğlu, Ebru Özpelit*

16:30 - 17:15

SATELLITE SYMPOSIUM

**ALİ RAİF İLAÇ SANAYİ - Satellite Symposium**  
 Effective Way to Win a Heart - Case-Associated  
 Heart Failure and Angina Treatment



ANTALYA

*Speakers: Murat Özdemir, Barış Güngör*

17:15-17:30 COFFEE BREAK



17:30 - 18:30

## INTERESTING CASES 1

**Interesting Cases 1**  
**What Did I Learn From This Case?**  
*Chairs: Cevat Kırmacı, Ahmet Güler*

İSTANBUL

*Panelists: Levent Korkmaz, Serdar Türkmen, Lütfü Aşkın, Yusuf Karavelioğlu***17:30-17:45 SFA, iliac - CFA (peripheral)**  
*Ertan Vuruşkan***17:45-18:00 Calcific lesion**  
*Ahmet Altuğ Çiçin***18:00-18:15 Main coronary**  
*Nihat Kalay***18:15-18:30 Coronary perforation**  
*Nazif Aygöl*FRIDAY  
AFTERNOON

17:30 - 18:30

## INTERESTING CASES 2

### Interesting Cases 2 Imaging Chair: Gökhan Kahveci



ANKARA

*Panelists: Lale Dinç Asarcıklı, Eyüp Avcı, Nuray Kahraman Ay*

*Speaker: Gamze Babur Güler*

FRIDAY  
AFTERNOON

17:30 - 18:30

## INTERESTING CASES 3

## Interesting Cases 3

Chairs: Oktay Sancaktar, Alev Arat Özkan



ANTALYA

Moderator: Hakan Uçar, Korhan Soylu, Batur Gönenç Kanar

- S0-11** Ventricular fibrillation storm due to J Wave Syndrome  
*Nail Güven Serbest, Özgür Sürgit, Meltem Tekin, Kadriye Memiş Sancar, Serkan Kahraman, Mustafa Yıldız*
- S0-12** The surgical management of giant fibrotic sac of right coronary artery  
*Sevgi Özcan, Bülent Mert, Ahmet Güner, Orhan İnce, Ertuğrul Okuyan*
- S0-13** Internal carotid artery stent fracture likely caused by hyoid bone compression  
*Ahmet Güner, Ahmet Arif Yalçın, Ünal Aydın, Çağdaş Topel*
- S0-14** Ante-retrograd superior mezenterik arter girişimi  
*Gökhan Ceyhan, Eyüpserhat Çalık*
- S0-15** Femoral arterde sıkışan telin monorail yapılmış kateter ile serbestleştirilmesi  
*Sinan Varol, Fahrettin Katkat, Serkan Karahan, Sevgi Özcan, İrfan Şahin, Ertuğrul Okuyan*

FRIDAY  
AFTERNOON

17:30 - 18:30

TSC YOUNG SESSIONS 10

Panel on Cardiology Resident Questions  
*Chairs: Haldun Müderrisoğlu, Armağan Altun*

BAKU

- 17:30-17:45 What to do in training of residents?  
What to do in quality and standardization?  
*Aylin Yıldırım*
- 17:45-18:00 Personal rights and working conditions of residents:  
Expectations of residents  
*Baran Yüksekaya*
- 18:00-18:15 I've become a specialist but cannot plan my future?  
*Ali Police*
- 18:15-18:30 Digital cardiology in training of residents  
*Levent Pay*

FRIDAY  
AFTERNOON

08:30 - 09:30

## JOINT SESSION 6

TSC - HFA Joint Session:  
What has changed in 2021 ESC Heart Failure Guideline?  
*Chairs: Yüksel Çavuşoğlu, Mehmet Birhan Yılmaz*



ISTANBUL

08:30-08:45 Therapy of chronic low ejection heart failure  
*Petar Seferovic*

08:45-09:00 Therapy of slightly-decreased and preserved ejection fraction heart failure  
*Yuri Lopatin*

09:00-09:15 How to treat congestion in acute heart failure?  
*Wilfried Mullens* 

09:15-09:30 Approach to co-morbid situations in heart failure  
*Ahmet Çelik*

09:30-10:00 COFFEE BREAK

SATURDAY  
MORNING

08:30 - 09:30

SYMPOSIUM 19

**How to do?: Practices and Challenges in Invasive Arrhythmia Lab*****Chairs: Serkan Topaloğlu, Mehmet Emin Kalkan***

ANKARA

*Panelists: Batur Gönenç Kanar, İbrahim Gül***08:30-08:45** Appropriate venous entry technique and solution of challenges in pacemaker implantation*Serkan Yüksel***08:45-09:00** Approach to and protection from implantable cardiac device infection*Ahmet Taha Alper***09:00-09:15** Challenges in transseptal puncture; how to cope with?*Erkan Baysal***09:15-09:30** Anatomic challenges in CRT implantation*Enis Oğuz***09:30-10:00 COFFEE BREAK**SATURDAY  
MORNING

08:30 - 09:30

SYMPOSIUM 20

## Athlete's Heart and Imaging in Athletes Facing Sudden Cardiac Death

*Chairs: İrem Dinçer, Mustafa Yıldız*



ANTALYA

*Panelists: Gülaçan Tekin, Kadriye Memiş Sancar, Dilay Karakozak, Hüseyin Altuğ Çakmak*

**08:30-08:42** A screening program to prevent sudden death in professional and non-professional athletes. How to do?

*Ekrem Güler*

**08:42-08:54** Is ECG of athletes different? Which findings are normal, which ones are pathological?

*Mustafa Karaca*

**08:54-09:06** Hypertrophic cardiomyopathy or athlete's heart? What to do in gray zones?

*İrem Sezer*

**09:06-09:18** Dilated cardiomyopathy or athlete's heart? What to do in gray zones?

*Cemil İzgi*

**09:18-09:30** How to manage post-cardiac situation in athletes? Where does the work of arrhythmia specialist start?

*Umuttan Doğan*

**09:30-10:00** COFFEE BREAK

SATURDAY  
MORNING

08:30 - 09:30

TSC YOUNG SESSIONS 11

Statistics Session 1: Young Cardiologists Comment on  
ESC 2021 Works - 1

*Chairs: İbrahim Halil Tanboğa, Süleyman Karakoyun*

*Panelists: Örsan Deniz Urgan, Altuğ Ösken, Fatma Köksal, Sencer Çamcı, Senem Koç*

BAKU

08:30-08:40 ESC 2021 hot-line 1 - EMPEROR PRESERVED

*Tufan Çınar*

08:40-08:50 Discussion

08:50-09:00 ESC 2021 hot-line 2 - MASTER DAPT

*Muzaffer Kahyaoglu*

09:00-09:10 Discussion

09:10-09:20 ESC 2021 hot-line 3 - ENVISAGE TAVI

*Oğuzhan Çelik*

09:20-09:30 Discussion

09:30-10:00 COFFEE BREAK

SATURDAY  
MORNING



08:30 - 09:30

## ORAL PRESENTATIONS 10

## ORAL PRESENTATIONS 10

Heart Failure

Chairs: Yeşim Akın, Barış Kılıçaslan

SARAJEVO

- SB-054** Exhaled air humidity in rats with pulmonary edema  
Adem Adar, Emine Yılmaz Can, Yusuf Elma, Meryem Akpolat Ferah, Ertan Akbay, Sinan Akıncı, Ali Çoner, Fahri Cakan, Orhan Önal
- SB-055** Comparison of inflammatory parameters of patients hospitalized with acute heart failure and classified phenotypically  
Armağan Kaya, Mustafa Gökçe
- SB-056** Differences in clinical characteristics and outcome of patients admitted to emergency department with de novo heart failure compared to chronic decompensated heart failure  
Emre Çatal, Nurdan Acar, Mustafa Emin Çanakçı, Selda Murat, Yüksel Çavuşoğlu
- SB-057** The prognostic role of the Systemic Inflammatory Index (SII) in Heart failure patients  
Mehmet Akif Erdöl
- SB-058** The single center experience of Atrial Flow Regulator (AFR) implantation in patients with heart failure with either reduced or preserved ejection fraction  
Nijad Bakhshaliyev, Ramazan Özdemir

09:30-10:00 COFFEE BREAK

SATURDAY  
MORNING

08:30 - 09:30

## CASE SESSIONS 4

## CASE SESSIONS 4

Cardiac Imaging / Echocardiography

Chairs: Ethem Kumbay, Nurcan Arat

BİŞHKEK

- S0-33** p.R220L is a likely pathogenic novel GLA gene mutation responsible for fabry disease  
*Hasan Ali Barman, Ömer Doğan, Ömer Abdullah Ebeoğlu, Sait Mesut Doğan*
- S0-34** Mitralclip procedure in a patient with biatrial appendix thrombus  
*Ahmet Karabulut, Sinan Dağdelen*
- S0-35** Nadir görülen kardiyak kitle olgusu: Kalsifiye amorf tümör  
*Mehmet Emre Özerdem, Menekşe Gerede Uludağ, Elif Peker, Türkan Seda Tan, İrem Dinçer*
- S0-36** Cardiac hydatid disease and peritoneal tuberculosis co-existence: A case report  
*Deniz Mutlu, Utku Raimoğlu, Murat Çimci, Suat Nail Ömeroğlu, Eser Durmaz, Barış İkitimur, Bilgehan Karadağ*
- S0-37** A case report of intracardiac and intracoronary thrombus in a Covid-19 patient  
*Ahmet Kıvrak, Alp Yıldırım*
- S0-38** Aritmojenik mitral valv prolapsus'lu bir olguda multimodalite görüntülemenin önemi  
*Gamze Aslan, Ömer Yıldız, Terman Gümüş, Nihal Tefik, Betül Elçioğlu, Erol Gürsoy, Onur Baydar, Vedat Aytekin, Saide Aytekin*
- S0-39** Dikşsiz biyoprotez aort kapak replasmanı sonrası sürpriz komplikasyon?  
*İrem Oktay, Yakup Alsancak*

09:30-10:00 COFFEE BREAK

SATURDAY  
MORNING

10:00 - 10:45

SATELLITE SYMPOSIUM

ABDİ İBRAHİM - Satellite Symposium  
 Tips for Iron Treatment in Heart Failure  
 Chair: Yüksel Çavuşoğlu



İSTANBUL

Speakers: Sanem Nalbantgil, Mehmet Birhan Yılmaz

10:00 - 10:45

SATELLITE SYMPOSIUM

PFIZER - Satellite Symposium  
 Frequently Asked Questions in Atrial Fibrillation: The "A" of AF  
 Chair: Dursun Aras



ANKARA

Speakers: Dursun Aras, Ersan Tatlı, Regayip Zehir

10:00 - 10:45

SATELLITE SYMPOSIUM

ABBOTT - Satellite Symposium  
 Our Job Is Difficult With Diabetic Patient!  
 Chair: Barış Güngör



ANTALYA

What Is Our Business With Diabetic Patient?  
 Barış Güngör

CASE: What Happens to the Diabetic Patient & Invasive Challenges  
 Engin Bozkurt

What Could Happen to a Diabetic Patient: Our Exam with Lipids  
 Lale Tokgözoğlu

What Could Happen to a Diabetic Patient: Our Test with Blood Pressure  
 Gökhan Kahveci

10:45-11:00 COFFEE BREAK

SATURDAY  
 MORNING

11:00 - 12:00

## JOINT SESSION 7

TSC - ESC/EACVI Joint Session:  
Imaging in Catheter Lab



ISTANBUL

*Chairs: Ayça Boyacı, Fahriye Vatansever Ağca, Steffen E. Petersen*

11:00-11:15 Evaluation of aortic and mitral paravalvular leak  
*Gamze Babur Güler*

11:15-11:30 Atrial appendix closure  
*Konstantinos Papadopoulos*

11:30-11:45 Mitraclip process and role of imaging  
*Özge Özden Tok*

11:45-12:00 Triclip process and role of imaging  
*Mani Vannan*

12:00-12:15 COFFEE BREAK

SATURDAY  
MORNING

11:00 - 12:00

## SYMPOSIUM 21

## Acute Ischemic Stroke

*Chairs: Ömer Kozan, Sami Özgül, Erdem Gürkaş*

ANKARA

*Panelists: Tansel Erol, Mehmet Mustafa Can, Şakir Akın*

**11:00-11:15** Etiology, definition and medical therapy of acute ischemic stroke  
*İpek Midi*

**11:15-11:30** Prevention of acute ischemic stroke and what to do in Turkey  
*Türkan Acar*

**11:30-11:45** Invasive therapy in acute ischemic stroke  
*Ahmet Çağrı Aykan*

**11:45-12:00** Invasive therapy in acute ischemic stroke - cases  
*Mehmet Mustafa Can*

**12:00-12:15** COFFEE BREAK

SATURDAY  
MORNING

11:00 - 12:00

SYMPOSIUM 22

## Special Conditions in Hypertension

Chairs: Atila Bitigen, Lütfullah Orhan



ANTALYA

Panelists: Hüseyin Dursun, Dicle Sırma

## 11:00-11:15 How can we increase drug compliance in hypertension therapy?

At what time would it be more effective to take pills?

İstemihan Tengiz

Learning objectives: Dipper vs. non-dipper HT; should beta blockers be taken in the morning due to sympathetic activation? Can drug timing be personalized? HYGIA study: Is it better to take a pill at night?

## 11:15-11:30 Hypertension management in renal failure

Asuman Biçer

Learning objectives: How should drug preference be in CRF? What to follow-up? Can spiranolactone be used? Skipping a dose in dialysis patients? Drug timing? Should renal artery stenosis be treated in CRF?

## 11:30-11:45 Hypertension management in females

Ezgi Kalaycıoğlu

Learning objectives: How should hypertension management be in females during oral contraceptive and hormone replacement therapy as well as during conditions such as pregnancy and menopause?

## 11:45-12:00 Hypertension control during emergency

Enbiya Aksakal

Learning objectives: How should hypertension management be during conditions such as ischemic stroke, hemorrhagic stroke, subdural hematoma, temporary ischemic attack, aorta dissection, pulmonary edema etc. approach in our country with existing drugs.

## 12:00-12:15 COFFEE BREAK

SATURDAY  
MORNING

11:00 - 12:00

TSC YOUNG SESSIONS 12

## Non-medical Therapeutic Options in Heart Failure?

Chairs: Ender Örnek, Süleyman Çağan Efe

BAKU

Panelists: Raşit Onuk, Abdurrahman Akyüz, Halil Akın, Ufuk Yıldız

11:00-11:10 Indications and complications of assist device and mechanical assisting devices?

Benay Özbay

11:10-11:15 Discussion

11:15-11:25 How should echocardiographic evaluation of patients implanted with assist device be?

Serhat Sığırıcı

11:25-11:30 Discussion

11:30-11:40 Cardiac rehabilitation in heart failure patients - should every patient be referred?

Koray Kalenderoğlu

11:40-11:45 Discussion

11:45-11:55 Approach to post-cardiac implantation medical follow-up and rejections?

Atilla Koyuncu

11:55-12:00 Discussion

SATURDAY  
MORNING

12:00-12:15 COFFEE BREAK

11:00 - 12:00

## CASE SESSIONS 5

## CASE SESSIONS 5

Cardiac Imaging / Echocardiography

Arrhythmia / Electrophysiology / Pacemaker / CRT-ICD

Chairs: Mehmet Toka , Onur Akpınar

SARAJEVO

- S0-40**    **Komplikasyonlarla seyreden infektif endokardit vakası**  
*Pelin Abata , Bet l Ay a Yamak, Serkan  nl *
- S0-41**    **A case of congenital partial absence of the left pericardium presenting with atypical chest pain**  
*Muzaffer Kahyaog lu,  etin Ge men*
- S0-42**    **Inferior STEMI olgusunda nadir bir saę ventrik l disfonksiyon nedeni**  
*Mehmet Emre  zerdem, M ge Akbulut, Kaan Akın, Kerim Esenboęa, Nil  zy nc , Eralp Tutar*
- S0-43**    **Ghost fibrin sleeve after transvenous lead extraction**  
* zg l U ar Elalmı , Mustafa  etin, Furkan K lekci, Sona Huseynova, Ahmet Temizhan*
- S0-44**    **Mitral annular disjunction with long QT syndrome**  
* zg l U ar, Mustafa  etin, Ramazan Sevim, Nilg n I ıksalan  zb lb l, Ahmet Temizhan*
- S0-45**    **A case of pemphigus mimicking CIED pocket infection**  
*Levent Pay, Nazmiye  zbilgin, Fatih G ktay, Emir Renda, G ksel  inier, Mert İlker Hayiroęlu, Ahmet İlker Tekke in, Kadir G rkan*

12:00-12:15 COFFEE BREAK

SATURDAY  
MORNING



11:00 - 12:00

ORAL PRESENTATIONS 11

## ORAL PRESENTATIONS 11

Other

Chairs: *Dilek Çiçek Yılmaz, Selma Tiryakioğlu*

BİSHKEK

- SB-032** Effects of semaglutide versus comparators on cardiovascular events across a continuum of baseline cardiovascular risk: Combined analysis of the sustain and pioneer trials  
*Mansoor Husain, Stephen C. Bain, Anders Gaarsdal Holst, Thomas Mark, Søren Rasmussen, Ildiko Lingvay, Batu Gürser*
- SB-033** Assessment and comparison of cardiovascular risk scoring models before noncardiac surgery, in a larger patient population  
*Erol Gürsoy, Fusun Helvacı, Nihal Tefik, Betül Cengiz Elçioğlu, Onur Baydar, Alparslan Kılıç, Yasemin Demirci, Gamze Aslan, Ece Yurtseven, Vedat Aytekin, Saide Aytekin*
- SB-034** High risk characteristics in patients with hypertrophic cardiomyopathy for predicting cardiovascular events  
*Bengisu Keskin Meriç, Şükrü Arslan, Işıl Uzunhasan*
- SB-035** An evaluation of the fragmentation of occlusive calcifications in the vascular and urinary systems using cryotherapy  
*Ömer Şatıroğlu*
- SB-036** Empagliflozin significantly prevents QTc prolongation due to amitriptyline intoxication via intracellular calcium regulation  
*Veyssel Özgür Barış, Adnan Berk Dinçsoy, Esra Gedikli, Ayşen Erdem*

SATURDAY  
MORNING

12:00-12:15 COFFEE BREAK

12:15 - 13:00

SATELLITE SYMPOSIUM

AstraZeneca - Satellite Symposium  
New and Effective Option for Heart Failure Treatment: Dapagliflozin



İSTANBUL

*Speakers: Yüksel Çavuşoğlu, Ahmet Çelik, Sanem Nalbantgil*

12:15 - 13:00

SATELLITE SYMPOSIUM

DAIICHI SANKYO - Satellite Symposium  
Your Safe Route in AF Treatment: Edoxaban  
*Chair: Sadi Güleş*



ANKARA

*Speakers: Berkay Ekici, Erdal Belen*

12:15 - 13:00

SATELLITE SYMPOSIUM

NOVO NORDISK - Satellite Symposium  
Asking the Essential WH Questions: Managing Diabetes-related  
CV Risks with GLP-1 RAs  
*Chairs: Lale Tokgözoğlu, Fahri Bayram*



ANTALYA

*Speakers: Dilek Gogas Yavuz, Engin Bozkurt*

SATURDAY  
MORNING

13:00-14:00 LUNCH

14:00 - 15:00

## JOINT SESSION 8

TSC- ESC Joint Session:

Guidelines - 1: Guidelines Planned for 2021

Chairs: Vedat Aytekin, Seçkin Pehlivanoglu, Stephan Achenbach 

ISTANBUL

14:00-14:15 2021 ESC Heart Valve Disease Guidelines: Key messages 1  
Stephan Achenbach 14:15-14:30 2021 ESC Heart Valve Disease Guidelines: Key messages 2  
Victoria Delgado 14:30-14:45 2021 ESC Cardiovascular Disease Prevention Guidelines 1  
François Mach 14:45-15:00 2021 ESC Cardiovascular Disease Prevention Guidelines 2  
Frank Visseren 

15:00-15:15 COFFEE BREAK

SATURDAY  
AFTERNOON

14:00 - 15:00

TSC YOUNG SESSIONS 13

## TSC - ESC Young Cardiologists Joint Session

Chairs: Göksel Çinier, Afzal Sohaib 

ANKARA

Panelists: Özcan Başaran, Ricardo Ladeiras Lopes, Evrim Şimsek, Ümit Yaşar Sinan

14:00-14:15 Role of mobile apps in atrial fibrillation method

David Duncker 

14:15-14:30 A new era in cardiology: Remote patient method

Allan Böhm

14:30-14:45 Current applications of digital technologies in invasive cardiology

Emrah Erdoğan

14:45-15:00 Cardiovascular imaging: Is diagnosis the best area for machine learning and AI?

Begüm Uygur

15:00-15:15 COFFEE BREAK

SATURDAY  
AFTERNOON

14:00 - 15:00

## JOINT SESSION 9

## Turkic States Joint Session

*Chairs: Cevdet Erdöl, Hüseyin Şenocak, Mehmet Demir, Zumreta Kusljugic*

ANTALYA

*Panelists: Ishak Mustafayev, Erkin Mirrakhimov***14:00-14:15 Dual anti-thrombotic therapy and current approach***Gani Bajraktari***14:15-14:30 What has changed in main percutaneous coronary processes in 2021?***Firdovsi Ibrahimov***14:30-14:45 Non-coronary invasions in refractory angina***Farid Aliyev***14:45-15:00 Challenges of ACS treatment during Pandemic Covid 19 in Bosnia and Herzegovina***Belma Pojskić***15:00-15:15 COFFEE BREAK**SATURDAY  
AFTERNOON

14:00 - 15:00

## SYMPOSIUM 23

**Is Overweight is a Cardiac Disease?***Chairs: Mustafa Kemal Erol, Nizamettin Toprak*

BAKU

**14:00-14:15 Who are overweight-obese? Where does cardiovascular risk start?***Emrah İpek***14:15-14:30 Relationship between obesity, gender and inflammation***Ulaankhuu Batgerel***14:30-14:45 Can cardiovascular risk be reduced by diet and exercise in obesity?****How to implement medical therapy if needed?***Deniz Aytekin***14:45-15:00 Where does heart failure start in obesity? Therapeutic strategy***Özlem Soran***15:00-15:15 COFFEE BREAK**SATURDAY  
AFTERNOON

14:00 - 15:00

## ORAL PRESENTATIONS 12

## ORAL PRESENTATIONS 12

Pulmonary Hypertension / Pulmonary Vascular Diseases  
Congenital Heart Diseases

*Chairs: Ertan Demirtaş, Gamze Aslan*

SARAJEVO

- SB-059** Predictors of health related quality of life in patients with pulmonary hypertension  
*Derya Kocakaya, Asya Şişman, Dursun Akaslan, Halil Ataş, Bedrettin Yıldızeli, Bülent Mutlu*
- SB-060** Effects of thyroid functions on long term mortality in patient with pulmonary arterial hypertension  
*Dursun Akaslan, Bülent Mutlu*
- SB-061** Artificial intelligence for prediction of chronic thromboembolic pulmonary hypertension using electrocardiography  
*Tarik Kıvrak, Hasan Ata Bolayır, Mehdi Karasu, Mehmet Ali Kobat*
- SB-062** Artificial intelligence for prediction of pulmonary arterial hypertension detection using computer tomography  
*Tarik Kıvrak, Hasan Ata Bolayır, Mehdi Karasu, Özkan Karaca, Mehmet Ali Kobat*
- SB-063** Effects of balloon pulmonary angioplasty procedure on electrocardiographic parameters in patients with chronic thromboembolic pulmonary hypertension  
*Ayhan Kol, Alper Kepez*
- SB-064** Early repolarization pattern may predict poor cardiovascular outcomes in patients with potentially serious coronary artery anomalies  
*Ahmet Güner*

15:00-15:15 COFFEE BREAK

SATURDAY  
AFTERNOON

14:00 - 15:00

## CASE SESSIONS 6

BİŞKEK

## CASE SESSIONS 6

Congenital Heart Diseases

Coronary Artery Disease / Acute Coronary Syndrome

Pulmonary Hypertension / Pulmonary Vascular Diseases

*Chairs: Saide Aytekin, İbrahim Başarıcı*

- S0-46** Successful surgical treatment of aorto- right atrial fistula endocarditis with destruction of tricuspid valve  
*Gürsel Şen, Yalın Tolga Yaylalı, Ali Vefa Özcan, Serkan Akcan*
- S0-47** Full recovered sudden cardiac arrest as a result of tachycardia induced cardiomyopathy related to myocarditis in a patient with Marfan's syndrome  
*Nergiz Müştazade, Oğtay Musayev, Firdovsi İbrahimov, Jamil Babayev, Mehriban İsgenderova, Ayten Nesibova, Elnura Gardashova, Zohra Alimli*
- S0-48** Komplikasyona hızlı müdahale hayat kurtarır: anjiyografide nadir bir komplikasyon MCA infarktı  
*Nergiz Aydın, Ahmet Lütfü Sertdemir*
- S0-49** İmmüsupresyon altında bir akut koroner sendrom vakası suçlu kim nötrofiller mi, T hücreleri mi?  
*İrem Oktay, Ahmet Lütfü Sertdemir, Abdullah İçli*
- S0-50** Dasatinib ve bosutinib kullanımına sekonder pulmoner hipertansiyon vakası  
*Abdullah Tunçez, Tuğba Deniz Kurnaz Demir, Aslıhan Merve Toprak, Bülent Behlül Altunkeser*
- S0-51** Kifoskolyoza bağlı pulmoner hipertansiyonun beklenmedik nedeni: Sol atriyal bası  
*Serhat Karadavut*

15:00-15:15 COFFEE BREAK

SATURDAY  
AFTERNOON



15:15 - 16:15

JOINT SESSION 10

TSC - ESC Joint Session:  
 Guidelines - 2: Guidelines Planned for 2021  
*Chairs: Oktay Ergene, Bülent Boyacı, Petar Seferovic*



ISTANBUL

15:15-15:30 ESC 2021 Pacemaker - Cardiac Resynchronization Guideline 1  
*Michael Glikson* 

15:30-15:45 ESC 2021 Pacemaker - Cardiac Resynchronization Guideline 2  
*Alper Kepez*

15:45-16:00 ESC 2021 Heart Failure Guideline 1  
*Petar Seferovic*

16:00-16:15 ESC 2021 Heart Failure Guideline 2  
*Giuseppe Rosano* 

16:15-16:30 COFFEE BREAK

SATURDAY  
 AFTERNOON

15:15 - 16:15

SYMPOSIUM 24

COVID-19 and Cardiology  
*Chairs: Engin Bozkurt, Tahsin Bozat*



ANKARA

- 15:15-15:30 Acute and chronic myocardium damage in COVID-19 patients  
*Mehdi Zoghi*
- 15:30-15:45 COVID-19 and venous thromboembolism VTE  
*Cihangir Kaymaz*
- 15:45-16:00 Acute coronary syndrome in COVID-19 patients  
*Bilgehan Karadağ*
- 16:00-16:15 The most common question: Do Covid vaccines have adverse effects on heart?  
*Ali Kemal Kalkan*

16:15-16:30 COFFEE BREAK

SATURDAY  
AFTERNOON

15:15 - 16:15

SYMPOSIUM 25

## Evaluation of Cardiovascular Risk

*Chairs: Hakan Kültürsay, Murat Eranlı*



ANTALYA

*Panelists: İrfan Şahin, Ali Karagöz, Ali Ekber Atas*

### 15:15-15:30 Genetic scoring (Mendelian randomization)

*Uğur Önsel Türk*

Learning objective: How to do Mendelian randomization? What is it good for? Is it a randomized trial? How is it used in evaluation of atherosclerotic risk?

### 15:30-15:45 SCORE2 risk scoring

*Kadir Uğur Mert*

Learning objective: Comparison of SCORE and SCORE2 risk scores. What are the advantages of SCORE2? Life-long risk and risk evaluation in cardiovascular diseases

### 15:45-16:00 Coronary imaging

*İbrahim Altun*

Learning objective: Discussion of future of coronary CT and cardiovascular disease evaluation. What is the role of coronary calcium scoring in predicting atherosclerosis incidents?

### 16:00-16:15 Lp(a) and other biomarkers

*Buğra Özkan*

Learning objective: What is a biomarker? Should Lp(a) be measured? No cure! What will it add to me? Which other biomarkers can we use in evaluating atherosclerosis risk?

16:15-16:30 COFFEE BREAK

SATURDAY  
AFTERNOON

15:15 - 16:15

TSC YOUNG SESSIONS 14

## Atherosclerosis and Cardiovascular Prevention

Chairs: Lale Tokgözoğlu, Şerafettin Demir

BAKU

Panelists: Fahri Er, Dicle Sırma, Umut Uyan, Murat Sünbül

- 15:15-15:25 New pathways and new evidence in anti-lipid therapy  
*İpek Yıldız*
- 15:25-15:30 Discussion
- 15:30-15:40 In which medical therapy and to what extent should I consider LDL?  
*Ayça Gümüşdağ*
- 15:40-15:45 Discussion
- 15:45-15:55 Non-LDL targets in primary and secondary cardiovascular prevention  
*Özge Çetinarslan*
- 15:55-16:00 Discussion
- 16:00-16:10 Atherosclerosis pathogenesis and microbiota  
*Duygu Koçyiğit*
- 16:10-16:15 Discussion

SATURDAY  
AFTERNOON

16:15-16:30 COFFEE BREAK

16:30 - 17:15

## "CONSULT TO THE EXPERT" SESSION

An View to Cardiology and Future with  
Young Cardiologists and Murat Tuzcu  
*Chairs: Vedat Aytekin, Göksel Çinier*



İSTANBUL

17:15-17:30 COFFEE BREAK

SATURDAY  
AFTERNOON

16:30 - 17:15

SPECIAL SESSION - SYMPOSIUM

### Developments in Cardiac Implantable Devices

Chair: Sabri Demircan



ANTALYA

16:30-16:45 His bundle and left branch pacing  
Cengiz Ermiş

16:45-17:00 Leadless pacing: Current situation and expectations  
Tunay Şentürk

17:00-17:15 Alternative devices in heart failure: CCM, fusion pacing and baroreflex stimulation  
İzzet Erdinler

Learning objectives: A review of alternative methods and technologies in pacemaker, transmission system pacing and CRT non-responder patients.

*This session takes place with unconditional support of MEDTRONIC.*

17:15-17:30 COFFEE BREAK

SATURDAY  
AFTERNOON

17:30 - 18:30

## YOUNG CARDIOLOGISTS CONTEST

## Young Cardiologists Contest



ISTANBUL

**EGE-ALFA TEAM**

- Alper Candemir
- Mustafa Talha Güneş
- Mehmet Ruhat Köse
- Rıza Onurcan Öztürk

**ENSTITÜ HEART TEAM TEAM**

- Erdem Bal
- Zübeyir Bulat
- Mehmet Emin Gökçe
- Barış Güven

**KAFKAS KARTALLARI TEAM**

- Şerif Hamideyin
- Doğan İliş
- Muammer Karakayalı
- Timor Omar

**MEHMET AKİF DRAGON TEAM**

- Cemil Can
- Büşra Çörekçiöğlu
- Ahmet Güner
- Ömer Taşbulak

**MIRACLE BROS 12 TEAM**

- Semih Eren
- Ahmet Çağdaş Yumurtas
- Levent Pay
- Ozan Tezen

SATURDAY  
AFTERNOON

17:30 - 18:30

SYMPOSIUM 26

Digital Health Project Group - Session:  
What is AI and Where are We in Cardiology?  
*Chairs: Nurgül Keser, Ahmet İlker Tekkeşin*



ANKARA

*Panelists: Ali Serdar Fak, Mehmet Uzun, Ali Karagöz, Mert İlker Hayıroğlu, Duygu Koçyiğit*

**17:30-17:45 What is artificial intelligence?**

*Cem Say*

Learning objective: AI, machine learning, deep learning and how to use them in clinical studies?

**17:45-18:00 AI studies in cardiology**

*Martin Cowie* 

Learning objective: Reflections and future impacts of AI on our clinical practice

**18:00-18:15 Use of AI in cardiology and what to do**

*Ufuk İyigün*

**18:15-18:30 Development of digital health in ESC**

*Nico Bruining* 

SATURDAY  
AFTERNOON



17:30 - 18:30

## SYMPOSIUM 27

**Cardiology and Malpractice: Physician's Responsibility  
Arising from Medical Interventions***Chairs: Mahmut Şahin, Yalçın Büyük*

ANTALYA

**17:30-17:45** Physician's responsibility in medical intervention in criminal law  
*Mahmut Koca*

**17:45-18:00** Forensic medicine approach to malpractice  
*Bora Özdemir*

**18:00-18:15** Malpractice in cardiology with cases  
*Ömer Çelik*

**18:15-18:30** Discussion

SATURDAY  
AFTERNOON

08:30 - 09:30

## INTERESTING CASES 4

## Interesting Cases 4

## Structure Session

*Chairs: Ramazan Akdemir, Serdar Sevimli*

ISTANBUL

*Panelists: Osman Yeşildağ, Uğur Arslan, Uygur Çağdaş Yüksel, İlker Gül, Bülent Özdemir*

**08:30-08:45** TAVI  
*İbrahim Halil Kurt*

**08:45-09:00** Mitral balloon  
*Önder Öztürk*

**09:00-09:15** HOCM alcohol ablation  
*Fatih Uzun*

**09:15-09:30** LAA closure  
*Hamza Duygu*

09:30-10:00 COFFEE BREAK

08:30 - 09:30

SYMPOSIUM 28

## Current Approaches to Secondary Mitral and Tricuspid Valvular Failure

*Chairs: Ahmet Taştan, Abdurrahman Oğuzhan*



ANKARA

*Panelists: Mehmet Balin, Güney Erdoğan, Fehmi Kaçmaz, Mustafa AYTEK ŞİMŞEK*

### 08:30-08:45 Clinical evaluation of secondary mitral failure

*Burak Ayça*

Learning Objective: 2021 ESC update.

### 08:45-09:00 Mitraclip and patient selection in secondary mitral failure

*Gülcihan Kevser Balcı*

Learning Objective: 2020 American Valve Guidelines, 2021 HFA CY Guideline and 2021 ESC Update

### 09:00-09:15 Approach to secondary tricuspid failure

*Recep Demirbağ*

Learning Objective: Evaluation of secondary TF before left valve surgery and post-left valve surgery late TF and solution of problems

### 09:15-09:30 Invasive therapeutic methods in secondary tricuspid failure with cases

*Ahmet Yıldız*

09:30-10:00 COFFEE BREAK

08:30 - 09:30

TSC YOUNG SESSIONS 15

### Infective Endocarditis Session: Multidisciplinary Approach to Infective Endocarditis

*Chairs: Bahar Pirat, Ümit Bulut*

BAKU

*Panelists: Selçuk Öztürk, Mehmet Sait Altıntaş, İbrahim Aktaş, Mehmet İnanır*

**08:30-08:40** Place of TTE and TEE in diagnosis of infective endocarditis  
*Murat Çap*

**08:40-08:45** Discussion

**08:45-08:55** Lab parameters and blood culture evaluation in endocarditis patients  
*Ali Çoner*

**08:55-09:00** Discussion

**09:00-09:10** When to apply non-echocardiographic methods in diagnosis of endocarditis?  
*Büşra Güvendi*

**09:10-09:15** Discussion

**09:15-09:25** Patients we face difficulties in diagnosis of endocarditis and current therapeutic recommendations  
*Recep Hacı*

**09:25-09:30** Discussion

**09:30-10:00** COFFEE BREAK

10:00 - 11:00

## SYMPOSIUM 29

**Invasive - To Whom, When and How to do?***Chairs: Ertuğrul Okuyan, Dayimi Kaya*

ISTANBUL

*Panelists: Hicaz Zencirkıran Ağuş, Çetin Sarıkamış, Mehmet Ballı, Emre Altekin***10:00-10:15 Tricuspid valvular failure - to whom and when to intervene?***Gökhan Kahveci*

Learning objectives: Which anatomic and physiological elements should we look at in determining the patients who are candidate to non-surgical invasive therapies for tricuspid failure?

**10:15-10:30 Tricuspid valvular failure - how to intervene?***Ahmet Yıldız*

Learning objectives: Concise summary of invasive therapies applied in tricuspid valvular failure and studies on them (Triclip, bicaval valvular implantation).

**10:30-10:45 Mitral valve failure - to whom and when to intervene?***Özge Özden Tok*

Learning objectives: Which anatomic and physiological elements should we look at in determining the patients who are candidate to non-surgical invasive therapies for mitral valve failure?

**10:45-11:00 Mitral valvular failure - how to intervene?***İsmail Ateş*

Learning objectives: Concise summary of invasive therapies applied in mitral valve failure and studies on them (Mitralclip, Carillon, Pascal, TMVR).

**11:00-11:30 COFFEE BREAK**

10:00 - 11:00

SYMPOSIUM 30

**Approach to Persistent Hypertension***Chairs: Zeki Öngen, Alper Onbaşlı*

ANKARA

*Panelists: Banş Şimşek, Fuat Polat***10:00-10:15 Persistent hypertension or pseudo-persistence?***Mehmet Akif Düzenli*

Learning objectives: What is persistent hypertension? Learning about situations leading to failure in control of hypertension (patient compliance, diet, additional drugs...)

**10:15-10:30 Secondary reasons should not be overlooked***Murathan Küçük*

Learning objectives: Renovascular hypertension, renal stenosis, should we treat it? Is hyperaldosteronism more frequent? How do we practically diagnose or rule out pheochromocytoma?

**10:30-10:45 Medical therapy in persistent hypertension***Erdal Belen*

Learning objectives: Combination therapies in persistent hypertension. When spironolactone, any other drug?

**10:45-11:00 Has renal denervation come back?***Aycan Fahri Erkan***11:00-11:30 COFFEE BREAK**

10:00 - 11:00

TSC YOUNG SESSIONS 16

**What has changed in the 2021 ESC Guideline?***Chairs: Ali Cevat Tanalp, Duygu İnan*

BAKU

*Panelists: Veli Polat, Erdal Durmuş, İlyas Yakıcı, Ali Nazmi Çalkı***10:00-10:10 2021 ESC Acute and Chronic Heart Failure Guideline**  
*Semih Eren***10:10-10:15 Discussion****10:15-10:25 2021 ESC Valvular Diseases Guideline**  
*Cemalettin Yılmaz***10:25-10:30 Discussion****10:30-10:40 2021 ESC Pacemaker and Cardiac Resynchronization Guideline**  
*Mert Deniz Savcıoğlu***10:40-10:45 Discussion****10:45-10:55 2021 ESC Cardiovascular Diseases Prevention Guideline**  
*Sevda Aygün***10:55-11:00 Discussion****11:00-11:30 COFFEE BREAK**

11:30 - 12:30

## INTERESTING CASES 5

## Interesting Cases 5

Chairs: Ali Ergin, Deniz Kumbasar



İSTANBUL

Panelists: Emre Gürel, Burak Teymen, Kudret Keskin, Mehmet Vefik Yazıcıoğlu

- SO-06** Acute myocarditis following mRNA-SARS-CoV-2 (Pfizer-BioNTech) Vaccination: Cardiac magnetic resonance and speckle tracking echocardiographic assessment  
*Dilek Çiçek Yılmaz, Rıdvan Bora, Burak Keçeci, Kaan Esen*
- SO-07** A complex case of Leriche syndrome: The importance of renal artery protection  
*Emre Gürel, Elnur Alizade*
- SO-08** Bioprosthetic valve migration resulting in aortic wall rupture as a complication of transcatheter aortic valve implantation  
*Serhan Özyıldırım, Furkan Deniz, Kemal Engin, Ahmet Yıldız, Hasan Ali Barman, Emir Özgür Barış Ökçün*
- SO-09** Endovascular closure of a thoracic aortic graft pseudoaneurysm with an amplatzer vascular plug device  
*Ayşe Beril Türkylmaz, Ezgi Gültekin Güner, Ahmet Güner, Ömer Çelik*
- SO-10** Erişkin yaşta glomus caroticum tanısı alan, nadir bir opere edilmemiş çift girişli sol ventrikül vakası  
*Yunus Emre Yavuz, Muhammet Fatih Kaleli, Yakup Alsancak*



11:30 - 12:30

SYMPOSIUM 31

## Thematic Session: Genetic Arrhythmic Syndromes

Chairs: Mehmet Bülent Özün, Okan Erdoğan



ANKARA

Panelists: Serdar Demir, Firdevs Aysenur Ekizler, Mustafa Duran, Mevlüt Serdar Kuyumcu

11:30-11:45 Approach to cardiac arrest patients and their families  
İnci Aslı Atar

11:45-12:00 To whom and which genetic tests to make in daily practice?  
Erdem Diker

12:00-12:15 Brugada or not? Confusing ECGs  
Gökhan Aksan

12:15-12:30 Exercise and sports in arrhythmic syndromes  
Burak Hünük

Learning objectives: Approach to cardiac arrest patients and their families,  
Practical use of genetic studies, evaluation of some frequent abnormalities in  
ECGs and review of sportive activity recommendations in arrhythmia patients.

11:30 - 12:30

## TSC YOUNG SESSIONS 17

## Statistics Session 2: Young Cardiologists

Comment on ESC 2021 - 2

*Chairs: Selim Topçu, Alper Karakuş*

BAKU

*Panelists: Yusuf Sinan Aydın, İsmail Balaban, Burcu Aggöl, Murat Ziyrek*

11:30-11:45 ESC 2021 hot-line 4 - APAF-CRT

*Emrah Bayam*

11:45-11:50 Discussion

11:50-12:05 ESC 2021 hot-line 5 - AMULET-IDE

*Oktay Gülcü*

12:05-12:10 Discussion

12:10-12:25 ESC 2021 hot-line 6 - STOPDAPT-ACS

*Elif İlkay Yüce*

12:25-12:30 Discussion

12:30 - 13:30

## RATIONAL DRUG USE

## Rational Drug Use

*Chair: Bülent Mutlu*

İSTANBUL

*Speaker: Gizem Yüksel*

12:30 - 13:30

## INTERESTING CASES 6

## Interesting Cases 6

Chairs: Ömer Göktekin, Ertan Ural



ANKARA

Panelists: Çağdaş Akgüllü, Ahmet Gürdal, Ahmet Arif Yalçın, Elnur Alizade

- S0-01** Percutaneous tricuspid valve edge-to-edge repair by using MitraClip device of massive functional tricuspid regurgitation in a patient with renal dysfunction who has been done previously renal transplantation and mechanical mitral valve replacement  
İsmail Ateş, Mehmet Doğu
- S0-02** Successful treatment of patent ductus arteriosus accompanying right-sided aortic arch and aberrant left subclavian artery: A case of congenital vascular ring  
Ali Nazmi Çalık, Levent Pay, Şükrü Akyüz, Şennur Ünal Dayı, Neşe Çam
- S0-03** Standart bir kronik total oklüzyon vakasında beklenmedik ardışık komplikasyonlar ve yönetimi  
Ertan Vuruşkan
- S0-04** Left main coronary artery and left circumflex coronary artery aneurysm with a fistula to the left atrium  
Özge Çakmak Karaaslan, Furkan Külekçi, Zehra Gölbaşı, Omac Tüfekçioğlu, Orhan Maden
- S0-05** Geç dönem patent duktus arteriyozus (PDA) kapama cihazı embolizasyonu  
Muhammet Genes, Özkan Eravci, Sadık Karpat, Serdar Fırtına, Erkan Yıldırım, Uygur Çağdaş Yüksel, Murat Çelik

## ELECTRONIC POSTER PRESENTATIONS

Arrhythmia / Electrophysiology / Pacemaker / CRT-ICD

PB-001 / PB-014

- PB-001** Mehran risk score model for predicting contrast-induced nephropathy after cardiac resynchronization therapy in patients with heart failure  
Ahmet Göktuğ Ertem, Mehmet Akif Erdöl, Alican Özkan, Mustafa Bilal Özbay, Mehmet Erdoğan, Koray Demirtaş, Mustafa Karanfil, Ahmet Akdi, Çağrı Yayla, Adnan Burak Akçay, Serkan Topaloğlu
- PB-003** Atrial fibrillation predicts long-term mortality in elderly patients free from heart failure and undergoing hip fracture surgery  
 Ahmet Lütfullah Orhan, Tufan Çınar, Mert İlker Hayiroğlu, Vedat Çiçek, Murat Selçuk, Selami Doğan, Süha Asal, Samet Yavuz, Mert Babaoğlu, Serdar Orhan, Mehmet Uzun, Nurgül Keser
- PB-005** High grade atrioventricular block development after acute inferior ST segment elevation myocardial infarction and the importance of retrograde filling grade  
 İlker Gül, Oktay Şenöz, Yalçın Özkurt, Bihter Şentürk, Murat Samsa, Ali Uysal, Yaşar Akay, Aykan Çelik, Mehmet Akif Ekinci, Hamza Duygu
- PB-006** The mitral inflow E/A ratio before the procedure may predict long-term recurrence after catheter ablation for atrial fibrillation  
Taner Ulus, Ahmet Serdar Yılmaz, Ezgi Çamlı, Halit Emre Yalvaç, Fatih Enes Durmaz, Emre Şener, Selda Murat, Yüksel Çavuşoğlu
- PB-007** Comparison of long-term follow-up of bipolar and quadripolar left ventricular leads in Cardiac Resynchronization Therapy implantation  
Songül Usalp
- PB-008** Assessment of novel atrial fibrillation predictors in obese patients performed bariatric surgery  
Hacı Murat Güneş, Ümeyir Savur

## ELECTRONIC POSTER PRESENTATIONS

Arrhythmia / Electrophysiology / Pacemaker / CRT-ICD

PB-001 / PB-014

- PB-010** Effect of cardiac rehabilitation on atrial conductions following isolated coronary artery Bypass surgery  
Ahmet Anıl Şahin, Ömer Taşbulak, Serkan Kahraman, Gökhan Demirci, Hicaz Zencirkıran Ağuş, Çiğdem Altun, Ali Kemal Kalkan, Mehmet Ertürk
- PB-011** Assessment of Tp-e interval, Tp-e/QT and Tp-e/QTc ratios in patients with acromegaly  
Ibrahim Etem Çelik, Sevede Nur Fırat, Uğur Bozkurt, Mikail Yarlioğlu, Mustafa Duran, Sani Namık Murat
- PB-012** Prognostic value of serum albumin for long-term mortality in patients with dual chamber permanent pacemakers  
Mert İlker Hayiroğlu, Tufan Çınar, Göksel Çinier, Gizem Yüksel, Levent Pay, Kıvanç Keskin, Cahit Çoşkun, Gökçem Ayan, Vedat Çicek, Kazım Serhan Özcan, Ceyhan Türkan, Nazmiye Özbilgin, Ahmet İlker Tekkeşin, Ahmet Taha Alper, Kadir Gürkan
- PB-013** The effect of the severity of COVID-19 infection on electrocardiographic findings  
Mehmet Emin Gökçe, Zübeyir Bulat, Hasan Ali Barman, Serhan Özyıldırım, Sait Mesut Doğan
- PB-014** Evaluation of ventricular electrophysiological balance index in COVID-19 patients with SIRS  
Halil Akın, Önder Bilge

## ELECTRONIC POSTER PRESENTATIONS

## Epidemiology

PB-015 / PB-018

- PB-015** The impact of daily troponin-I and D-dimer serum levels on mortality of moderate-to-severe COVID-19 pneumonia patients

*Berna Stavileci, Emrah Özdemir*

- PB-016** Fibrinogen-to-albumin ratio may be a predictor for ascending aortic aneurysm

*Mevlüt Serdar Kuyumcu, Oğuz Aydın*

- PB-017** Impact of the COVID-19 Pandemic on acute coronary syndrome hospitalizations

*İhsan Dursun, Sinan Şahin*

- PB-018** Clinical features and outcomes of COVID-19 patients with cardiac disease: Single center experience

*Ayşegül Ülgen Kunak, Tolga Kunak, Görkem Yıldız*

## ELECTRONIC POSTER PRESENTATIONS

## Interventional Cardiology / Valve and Structural Heart Diseases

PB-019 / PB-025

- PB-019** Relationship between prealbumin levels and TAVR outcomes

*Ali Sezgin, Yusuf Ziya Şener, Mehmet Levent Şahiner, Ahmet Hakan Ateş, Ergün Barış Kaya, Enver Atalar, Kudret Aytemir*

- PB-020** Association of the novel inflammatory marker systemic immune inflammation index and contrast-induced nephropathy in patients undergoing TAVR for severe aortic stenosis

*Ahmet Göktuğ Ertem, Baran Yüksekaya, Yasin Özen, Koray Demirtaş, Mustafa Karanfil, Mehmet Akif Erdöl, Ahmet Akdi, Mehmet Erdoğan, Çağrı Yayla, Adnan Burak Akçay*

- PB-021** First experiences with the transfemoral ACURATE-neo TM self-expanding transcatheter aortic bioprosthesis in our center

*Ali Rıza Akyüz, Sinan Şahin, Ahmet Özderya, Ali Hakan Konuş, Gökhan Yerlikaya, Ömer Faruk Çırakoğlu, Levent Korkmaz*

- PB-022** The relation between HAS-BLED score and procedural outcomes in patients undergo TAVI

*Orhan İnce*

## ELECTRONIC POSTER PRESENTATIONS

Interventional Cardiology / Valve and Structural Heart Diseases

PB-019 / PB-025

- PB-023** Vascular complications following transcatheter transfemoral aortic valve implantation: Modified sheath-to femoral artery ratio as a new predictor  
*Beytullah Çakal, Sinem Çakal, Zafer Güven, Yeliz Güler, İbrahim Oğuz Karaca, Ersin İbişoğlu, Aydın Yıldırım, İrfan Barutçu, Bilal Boztosun*
- PB-024** Incidence and predictors of access-related vascular complications after transfemoral transcatheter aortic valve implantation with the Portico device  
*Serkan Aslan, Mehmet Ertürk*
- PB-025** First experiences with a new balloon-expandable Myval® transcatheter aortic valve, in our center; A preliminary study  
*Ali Rıza Akyüz, Ali Hakan Konus, Ahmet Özderya, Gökhan Yerlikaya, Sinan Şahin, Levent Korkmaz*

## ELECTRONIC POSTER PRESENTATIONS

Interventional Cardiology / Carotid and Peripheral Vascular

PB-026 / PB-031

- PB-026** Clinical efficacy and safety of the PRO-glide device as a suture-mediated closure in thoracic endovascular aortic repair in patients with previous groin intervention  
*Ayşe Beril Türkyılmaz, Ahmet Güner, Nedim Uzun, Mehmet Ertürk, Ömer Çelik*
- PB-027** Is retinal nerve fiber thickness affected in patients with internal carotid artery stenosis?  
*Mert Evlice, Muhammed Nurullah Bulut, Mehmet Yunus Emiroğlu*
- PB-028** Impact of vascular access site on procedure success and long-term restenosis among patients undergoing endovascular intervention  
*Ömer Tasbulak*
- PB-030** Role of C-reactive protein/albumin ratio in predicting long-term restenosis after endovascular treatment of the iliac arteries  
*Arda Güler*
- PB-031** Serum sortilin as a predictor of stroke in patients with intermediate carotid artery stenosis  
*İlahe Abdurahmanova, Elnur Alizade*

## ELECTRONIC POSTER PRESENTATIONS

Interventional Cardiology / Coronary

PB-032 / PB-040

- PB-032** The evaluation of in-hospital and long-term mortality in patients with ST-segment elevation myocardial infarction who underwent primary coronary angiography during on-hours and off-hours  
*Mehmet Koray Adalı*
- PB-033** Usefulness of the Metabolic Score for Insulin Resistance (METS-IR) for the prediction of contrast induced acute kidney injury  
*Mehmet Karaca*
- PB-034** The relationship between the success of chronic total occlusion procedure and retrograde coronary artery filling grade  
*İlker Gül, Ecem Gürses, Zeynep Yapan Emren, Yusuf Demir, Ahmet Erseçgin, Ferhat Siyamend Yurdam, Oktay Şenöz*
- PB-036** Pharmacoinvasive strategy versus primary percutaneous coronary intervention in ST-elevation myocardial infarction (from an experience of a tertiary center)  
*Tuncay Kınıs, Fatma Kayaaltı Esin, Eyüp Avcı*
- PB-037** Modified glasgow prognostic score estimates high grade intracoronary thrombus burden in patients with acute anterior myocardial infarction  
*Ahmet Seyda Yılmaz, Ömer Faruk Çırakoğlu, Fatih Kahraman*
- PB-038** Characteristics of patients with acute myocardial infarction in the Covid-19 Pandemic: A single center experience  
*Emine Altıntaş, Kanber Öcal Karabay, Songül Usalp, Bayram Bağırtaş, Ali Bayraktar, Filiz Çelebi, Behzat Özdemir, Şükrü Çetin*
- PB-039** The effect of loading dose of rosuvastatin on peri-procedural myocardial infarction  
*Bengisu Keskin Meriç, Ümit Yaşar Sinan, Gkiozde Moumin, Selim Tanyolaç, Alev Arat Özkan*
- PB-040** The evaluation of lesion localization and ischemic myocardial mass via arrhythmia parameters in stable coronary artery patients with myocardial ischemia  
*Fatih Erkam Olgun, Filiz Kızıllırmak Yılmaz, Teyyar Gökdeniz, Gültekin Günhan Demir, Ersin Ibişoğlu, Ümeyir Savur, Deniz Dilan Naki Tekin, Hacı Murat Güneş, Beytullah Çakal, Ekrem Güler, İbrahim Oğuz Karaca, Mehmet Onur Omaygenc, Fethi Kılıçaslan, İrfan Barutçu, Bilal Boztosun*



## ELECTRONIC POSTER PRESENTATIONS

Hypertension

PB-041 / PB-046

- PB-041** Blood pressure variability and diastolic function in middle-aged normotensive individuals

*Eser Açıkgöz, Sadık Kadri Açıkgöz*

- PB-042** Effect of acute blood pressure reduction on frontal QRS-T angle

*Lale Dinc Asarcıklı, Altuğ Ösken*

- PB-043** COVID-19 in patients using RAAS inhibitors for hypertension: Evaluating factors associated with lung involvement, intensive care unit admission and mortality

*Bekir Demirtaş, Velihan Çayhan*

- PB-044** Determinants of reverse dipping blood pressure in normotensive, non-diabetic population with an office measurement below 130/85mmHg

*Ali Çoner, Ertan Akbay, Sinan Akıncı, Gökhan Özyıldız, Gültekin Gençtoy, Haldun Müderrisoğlu*

- PB-045** Relationship of adverse childhood experiences with essential hypertension

*Pınar Demir Gündoğmuş, Ersin Doğanözü, İbrahim Gündoğmuş*

- PB-046** Morning blood pressure surge is associated with elevated TNF- $\alpha$  levels in normotensive subjects

*Süleyman Özbicer*

## ELECTRONIC POSTER PRESENTATIONS

Cardiovascular Surgery

PB-047

- PB-047** Effects of surgical atrial septal defect closure operation on the frontal QRS-T angle

*Mevlüt Sertdar Kuyumcu, Dinçer Uysal*

## ELECTRONIC POSTER PRESENTATIONS

Heart Valve Diseases

PB-048 / PB-049

- PB-048** Impact of Tp-e interval, Tp-e/QT and Tp-e/QTc ratios on mortality after surgical aortic valve replacement for severe aortic valve stenosis

Gökhan Demirci

## ELECTRONIC POSTER PRESENTATIONS

Heart Failure

PB-050 / PB-062

- PB-050** Clinical characteristics and short-term clinical outcomes in patients with acute heart failure and anemia who admitted to the emergency department

Selda Murat, Mustafa Emin Çanakçı, Nurdan Acar, Yüksel Çavuşoğlu

- PB-051** The prevalence of hyperkalemia in patients with acute heart failure admitted to emergency department and its relationship with in-hospital outcomes

Mustafa Emin Çanakçı, Selda Murat, Nurdan Acar, Yüksel Çavuşoğlu

- PB-052** Systemic immune-inflammation index predicting all-cause mortality in patients with advanced heart failure

Kadriye Memic Sancar

- PB-053** Diurnal blood pressure change in patients with ischemic and non-ischemic cardiomyopathy

Ferhat Işık, Ercan Taştan

- PB-054** The importance of autophagy, microtubules, and microtubule inhibition in patients with HFrEF

Nazmi Gültekin, Urfan Jaferow, Anıl Tankı, Emine Küçükates

- PB-055** Prognostic importance of low albumin levels in chronic systolic heart failure

Güliz Kozdağ Gold, Onur Argan, Dilek Ural, Tayfun Şahin, Kurtuluş Karaüzüm, İrem Karaüzüm, Ertan Ural, Ayşen Ağaçdiken Ağır

## ELECTRONIC POSTER PRESENTATIONS

Heart Failure

PB-050 / PB-062

- PB-056** The effect of enhanced external counterpulsation (EECP) treatment on peripheral venous symptoms  
*Bilal Çuğlan, Hasan Turhan, Ertan Yetkin*
- PB-057** Predictors of length of stay in heart failure patients hospitalized with COVID-19  
*Bektaş Murat, Selda Murat, Yüksel Çavuşoğlu*
- PB-058** Pro brain natriuretic peptide level and echocardiographic evidence of systolic or diastolic dysfunction in non-obese patients with non-acute dyspnea  
*Pelin Karaca Özer, Elif Ayduk Gövdeli*
- PB-059** Evaluation of the relationship between plasma osmolality levels and neutrophil/lymphocyte ratio in heart failure with reduced ejection fraction  
*Derya Baykız, Aydın Akyüz, Demet Özkaramanlı Gür*
- PB-060** Clinical, echocardiographic and hemodynamic predictors of major cardiac events in patients with advanced heart failure  
*Zübeyde Bayram, Nihal Özdemir*
- PB-061** The relationship of Fetuin-A, Omentin-1, and Chemerin with clinical classification in heart failure  
*Sefa Erdi Ömür, İdris Buğra Çerik, Gülaçan Tekin*

## ELECTRONIC POSTER PRESENTATIONS

## Cardiac Imaging / Echocardiography

PB-063 / PB-069

- PB-063** The pulmonary annular motion velocity assessed using tissue Doppler imaging could predict the proximal right coronary artery occlusion in patients with inferior myocardial infarction  
*Emrah Acar, Neryan Özgül, Ibrahim Dönmez, Osman Yasin Yalçın, Sait Alan*
- PB-064** Evaluation of the relationship between paraaortic adipose tissue and ascending aortic aneurysm with a new method  
*Adem Adar, Orhan Onalan, Fahri Cakan, Ertan Akbay, Sinan Akıncı, Ali Coner*
- PB-065** Evaluation of the effect of coronary slow flow phenomenon on cardiac functions with cardiac magnetic resonance imaging based deformation imaging  
*Ahmet Barutçu, Ercan Akşit, Mehmet Arslan, Özge Özden Tok, Uğur Küçük*
- PB-066** Assessment of subclinical biventricular myocardial systolic function in COVID-19 patients: A tissue doppler imaging echocardiography study  
*Selen Yurdakul, Cansu Selcan Akdeniz, Özge Özden Tok, Onur Mendi, Levent Dalar, Özgür Şamilgil, İsmail Polat Canbolat, Çavlan Çiftçi*
- PB-067** Epicardial adipose tissue thickness is higher in right ventricular outflow tract tachycardia  
*Ferdi Kahraman, Selçuk Kanat, Mehmet Demir*
- PB-068** Comparison of aortic elasticity parameters with transthoracic echocardiography measurements and treadmill exercise test data in healthy adults  
*Betül Cengiz Elcioğlu, Vedat Aytekin, Saide Aytekin*
- PB-069** Echocardiographic features of patients with COVID-19 infection  
*Hasan Ali Barman, Adem Atıcı, Muhammed Furkan Deniz, Bengisu Keskin Meriç, Ahmet Yıldız*

## ELECTRONIC POSTER PRESENTATIONS

Coronary Artery Disease / Acute Coronary Syndrome

PB-070 / PB-085

- PB-070** Vasoactive-inotropic score as a predictor of mortality in acute myocardial infarction complicated with cardiogenic shock  
*Doğaç Öksen, Gürsu Demirci, Mert Sanlar, Bengisu Keskin, Veysel Oktay*
- PB-071** Blood pressure index predicts right ventricular dysfunction in anterior myocardial infarction  
*Ferhat Eyyüpkoca, Ajar Koçak*
- PB-072** Prognostic value of SYNTAX and Culprit-SYNTAX Score in MI Patients presenting with cardiogenic shock and cardiac arrest  
*Bedrettin Boyraz*
- PB-073** The effect of total occlusion pattern on in hospital and long term clinical outcomes in acute ST segment elevated myocardial infarction  
*Yusuf Oflu, İlhan İlker Avcı, Gönül Zeren, Barış Şimşek, Gökem Ayhan, Duygu İnan, Can Yücel Karabay*
- PB-074** Evaluation of frontal plane QRS-T angle in patients with slow coronary flow  
*Mevlüt Serdar Kuyumcu, Mustafa Bilal Özbay, Yasin Özen, Çağrı Yayla*
- PB-075** The predictive value of MELD-XI score for short- and long-term mortality in elderly patients with non-ST elevation myocardial infarction  
*Tufan Cınar, Faysal Saylık, Murat Selçuk, Tayyar Akbulut, Ahmet Lütfullah Orhan*
- PB-076** Non-alcoholic fatty pancreas disease is associated with SYNTAX score in acute coronary syndrome  
*Sinan Şahin, Murat Gökhan Yerlikaya, İsmail Gökhan Çavuşoğlu, Hüseyin Karal, Selim Kul*
- PB-077** Systemic immune inflammation index may predict the development of contrast-induced nephropathy in patients with ST segment elevation myocardial infarction  
*Ali Bağcı, Fatih Aksoy, Hasan Aydın Baş*
- PB-078** Lipid profile indices and prediction of in-hospital mortality in patient with STEMI undergoing primer PCI  
*Mehmet Erdoğan, Hacı Ahmet Kasapkar*

## ELECTRONIC POSTER PRESENTATIONS

Coronary Artery Disease / Acute Coronary Syndrome  
PB-070 / PB-085

- PB-079** Pretty much factored syndrome-Kounis  
*Onur Aslan*
- PB-080** The relationship of salusin beta level with coronary artery disease in patients with Non-ST Elevation Myocardial Infarction (NSTEMI)  
*Ali Orcun Sürmeli, İsmail Türkay Özcan, Özcan Örsçelik, Buğra Özkan, Mehmet Burak Yavuz Çimen, Müslüm Faruk Başkan, Didem Derici Yıldırım*
- PB-081** The impact of serum triglyceride-glucose index in young non-diabetic patients presenting for the first time with acute coronary syndrome  
*Songül Usalp*
- PB-082** Effect of cardiac rehabilitation on heart rate recovery in patients with coronary artery disease  
*Hale Yılmaz, Nazmiye Özbilgin, Göktürk İpek, Başak Bilir Kaya, Mehmet Yılmaz, Mehmet Baran Karataş, Osman Bolca*
- PB-083** Cardiac arrest in a patient with congenital cytomegalovirus infection sequela and heterozygous variation of c.5944C>T p.R1982C in filamin C (FLNC) gene  
*Aysenur Avarisli, Ayşe Paralı, Filiz Özen, Mehmet Ali Ağırbaşlı*
- PB-084** The association between fibrinogen -to- albumin ratio and apical thrombus formation in patients with acute anterior myocardial infarction  
*Firdevs Aysenur Ekizler, Bahar Tekin Tak, Habibe Kafes, Ahmet Korkmaz, Özcan Özeke, Fırat Özcan, Burak Akçay, Serkan Çay, Serkan Topaloğlu, Dursun Aras*
- PB-085** Male and female differences in health benefits derived from a structured education and follow-up program in coronary artery disease  
*Emre Ünal, Begüm Nur Tibet, Bilge Hengirman, Talib Durak, Mustafa Uygunlar, Fatih İnan, Elif Çepik, Zeynep Gülhan Avcı, Bahri Aperen Sağlam, Pınar Karadeniz, Özlem Soran*

## ELECTRONIC POSTER PRESENTATIONS

Lipid / Protective Cardiology

PB-086 / PB-089

**PB-086** Assessment of statin adherence in patients who underwent percutaneous coronary intervention

*Sevda Aygün, Mert Doğan, Yusuf Ziya Şener, Ahmet Hakan Ateş, Kudret Aytemir, Sadberk Lale Tokgözoğlu*

**PB-087** Cardiovascular health attitudes of the geriatric population during "Stay at Home" period of COVID-19 pandemic

*Neriman İpek Kırmızı, Sehanur Özsoy, Volkan Aydın, Mumine Topcu, Berrin Aysevinç, Songül Cecen, Mehmet Akman, Ali Serdar Fak, Ahmet Akıcı*

**PB-088** The relationship between endothelial functions with abdominal fat accumulation in obese individuals without overt heart disease

*Merve Polat Köse, Yücel Barut, Ahmet Öz, Turgut Karabağ*

**PB-089** The relationship of aortic elastic functions with new body composition parameters in individuals with overweight metabolic syndrome

*Pelin Kılıçkaya, Yalçın Hacıoğlu, Emin Pişkinpaşa, Turgut Karabağ*

## ELECTRONIC POSTER PRESENTATIONS

Pulmonary Hypertension / Pulmonary Vascular Diseases

PB-090 / PB-094

**PB-090** Iron deficiency in pulmonary arterial hypertension

*Anıl Şahin, Emine Tuğçe Ban Şahin*

**PB-091** Investigation of the effect of PAH specific therapy on blood pressure levels in patients receiving monotherapy or dual combination therapy

*Vedat Hekimsoy, Lale Tokgözoğlu*

**PB-092** A new pulmonary arterial hypertension detection model using X-ray images

*Tanık Kıvrak, Ömer Işık, Mehmet Ali Gelen, Yunus Balık, Mehmet Ali Kobat, Mehmet Akbulut*

**PB-093** How do we manage pulmonary hypertension? Assessment of knowledge, attitude and practice patterns among cardiologists and pulmonologists

*Fatma Esra Günaydın, Erdal Belen, Sedat Altın, Güliden Güven*

**PB-094** Risk assessment in chronic thromboembolic pulmonary hypertension

*Yalın Tolga Yaylalı, Burçak Kılıçkiran Avcı, Mehmet Akbulut, İbrahim Başarıcı, Murat Meriç, Ersan Atahan, Ümit Yaşar Sinan, Banış Kaya, Nafia Kardelen Ohtaroglu, Hande Şenol, Bülent Mutlu, Mehmet Serdar Küçükkoğlu, Zeki Öngen*

## ELECTRONIC POSTER PRESENTATIONS

Other

PB-095 / PB-101

**PB-095** Electrocardiographic QRS axis shift, rotation and COVID-19*Şahbender Koç, Veciha Özlem Bozkaya, Aslihan Burcu Yıkılğan***PB-096** Machine learning algorithms for detecting risk of atrial fibrillation using baseline Holter ECG and echocardiography data*Emre Canayaz, Aysun Zehra Altkardeş, Kadir Uğur Mert, Muhammed Dural, Volkan Aydın, Ozan Kocakaya, Sena Tokay Tarhan, Bülent Görenek, Ali Serdar Fak***PB-097** Evaluation of diastolic ECG index in patients with subclinical hypothyroidism*Muzaffer Kahyaoğlu, İlknur Demir***PB-098** The prognostic value of the TyG index in non-diabetic COVID 19 patients with myocardial injury*Sinem Cakal, Muhsin Kalyoncuoğlu, Halil İbrahim Biter, Aydın Rodi Tosu, Erdal Belen, Mehmet Mustafa Can***PB-099** Evaluation of the relationship between serum Galectin-3 levels on admission and pneumonia severity in COVID-19 patients*Derya Baykız, Elif Ayduk Gövdeli*

## ELECTRONIC POSTER PRESENTATIONS

Cardiovascular Nursing / Technician

PB-102

**PB-102** An effective educational tool in heart failure: Mobile game*Abdullah Avcı, Meral Gün*



## ELECTRONIC POSTER CASE PRESENTATIONS

Arrhythmia / Electrophysiology / Pacemaker / CRT-ICD  
PO-01 / PO-07

- PO-01** Triküspid biyoprotez kapaklı hastada acil geçici transvenöz sağ ventriküler lead ve kalıcı koroner sinüs lead implantasyonu  
*Serdar Bozyel, Tümer Erdem Güler, Osman Muhsin Çelik*
- PO-02** ICD Lead endokarditi ve cep enfeksiyonuna neden olan nonfonksiyone leadin femoral yol ile ekstraksiyonu  
*İdris Yakut, Özge Çakmak Karaaslan, Hatice Selçuk, Mehmet Timur Selçuk, Orhan Maden*
- PO-03** Atrial fibrilasyon kateter ablasyon sonrası gelişen özofagus hematomu  
*Ali Timuçin Altın, Emir Baskovski, Bilge Nazar Ateş, Yusuf Kahya, Kerim Esenboğa*
- PO-04** COVID-19 hastasında yüksek doz hidroksiklorokine bağlı senkop ile sonuçlanan asistoli olgusu  
*Kamal Isgandarov, Muhammet Dural, Kadir Uğur Mert*
- PO-05** "Doctor, I do not have atrial fibrillation, it is flutter, the smart device shows!"  
*Burak Tunahan, Cem Etken Atabay, Ali Serdar Fak*
- PO-06** A rare complication after direct current cardioversion; AFCARD  
*Emre Özerdem, Coşkun Yazgan, Müge Akbulut, Kerim Esenboğa, Nil Özyüncü, Sibel Turhan*
- PO-07** Can accelerated idioventricular rhythm mimics preexcitation?  
*Nail Güven Serbest, Özgür Sürgit, Mustafa Yıldız*

## ELECTRONIC POSTER CASE PRESENTATIONS

Interventional Cardiology / Valve and Structural Heart Diseases  
PO-08 / PO-15

- PO-08** Pericardial decompression syndrome  
*Dilay Karabulut, Büsra Mavi, Atakan Arpaç, Alparslan Şahin, İbrahim Faruk Aktürk, Fatma Nihan Çağlar, Güngör İlayda Bostancı*
- PO-09** 3D transesophageal echocardiography guided transcatheter closure of multiple atrial septal defects with single device  
*Onur Baydar, Gamze Aslan, Saide Aytekin, Vedat Aytekin, Alpay Çeliker*

## ELECTRONIC POSTER CASE PRESENTATIONS

Interventional Cardiology / Valve and Structural Heart Diseases

PO-08 / PO-15

- PO-10** The first Myval balloon expandable valve experience for aortic stenosis who had endovascular aortic aneurysm repair  
*Mehmet Akif Erdöl, Ahmet Göktuğ Ertem, Çağrı Yayla, Koray Demirtaş, Adnan Burak Akçay*
- PO-11** New-onset right bundle brunch block after transcatheter aortic valve implantation  
*Ender Örnek, Mustafa Cetin, Mustafa Mücahit Balci, Harun Kundi*
- PO-12** Perikardiyosentez sonrası gelişen nadir bir komplikasyon; pnömoperikardiyum  
*Canberk Geniş, Ersin Çağrı Şimşek*
- PO-13** Herpes Zoster as a challenging and unusual complication of percutaneous cardiac intervention  
*Serhan Özyıldırım*
- PO-14** Endokardite bağlı gelişen ve sol ana koroner artere bası yapan aort psödoanevrizması  
*İlkin Guliyev, Arif Arsoy*
- PO-15** Prosthetic valve stuck within the delivery sheath: Unusual complication of new generation Myval TAVI valves procedure  
*Ahmet Karabulut, Sinan Dağdelen*

## ELECTRONIC POSTER CASE PRESENTATIONS

Interventional Cardiology / Carotid and Peripheral Vascular

PO-16 / PO-22

- PO-16** Geç dönem travmatik bilateral renal arter apopleksi olgusunun endovasküler yönetimi  
*Soner Aksüyek, Mücahit Yazar, Alper Karakuş, Tahsin Bozat, Mehmet Melek, Mehmet Demir, Hasan Arı*
- PO-17** Successful revascularization of superficial femoral artery occlusion using retrograde proximal anterior tibial artery access and reverse CART technique  
*Emre Gürel, Zekeriya Doğan, Tuba Güctekin, Altuğ Çiğin, Murat Sünbül, Kürşat Tigen*
- PO-18** Electrification technique of a guidewire to assist in crossing an iliac occlusion  
*Ali Karağöz, Fatih Yılmaz, Barkın Kültürsay, Berhan Keskin, Süleyman Çağan Efe, Enver Yücel*

## ELECTRONIC POSTER CASE PRESENTATIONS

Interventional Cardiology / Carotid and Peripheral Vascular  
PO-16 / PO-22

- PO-19** Successful percutaneous revascularization of superior mesenteric artery lesion in a patient with intestinal ischemia  
*Emre Gürel, Elnur Alizade*
- PO-20** Successful revascularization of external iliac, superficial femoral and popliteal artery at the same session in a patient with diabetic foot  
*Emre Gürel, Zekeriya Doğan, Tuba Güctekin, Altuğ Çiğin, Murat Sünbül, Kürşat Tigen*
- PO-21** Coexistence of ST elevation myocardial infarction and acute limb ischemia: A case report  
*Kemal Emrehan Parsova, Ali Nazmi Çalık, Beyza Selin Haksever Çalık, Betül Korkmaz, Ali Kerem Yılmaz, Şennur Ünal Dayı*
- PO-22** Successful retrograde revascularization of superficial femoral artery osteal occlusion without a stump  
*Emre Gürel, Tuba Güctekin, Zekeriya Doğan, Murat Sünbül, Altuğ Çiğin, Kürşat Tigen*

## ELECTRONIC POSTER CASE PRESENTATIONS

Interventional Cardiology / Coronary  
PO-23 / PO-31

- PO-24** Acele etme geride iz bırakma: Ürkütücü bir koroner trombüs vakası  
*Sefa Tatar, Abdullah İcli*
- PO-25** Spontaneous coronary artery dissections associated with energy drink consumption  
*Uğur Küçük, Cengiz Demir, Uğur Özpınar*
- PO-26** Sağ koroner arterde kırılan guidezillanın güvenli bir şekilde kateterin içine alınarak çıkartılması  
*Yusuf Uzkır, İrfan Veysel Düzen, Ertan Vuruşkan, Mehmet Murat Sucu, Gökhan Altınbaş, Mehmet Kaplan, Erdem Alkan, Sümeyye Alkan, Derya Bakacak*

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Interventional Cardiology / Coronary

PO-23 / PO-31

- PO-27** AMI hastasında RMCA tüm koronerleri veriyor; aynı seansta RCA ve LAD perkütan koroner girişim  
*Abdulkadir Çakmak, Gökhan Keskin*
- PO-28** Lad Rca bifürkasyon lezyonuna müdahale  
*Ömer Faruk Yılmaz, İbrahim Etem Dural, Ersel Onrat*
- PO-29** Akut inferior miyokart enfarktüsü hastada gelişen hipotansiyon tedavisinde intrakoronar nitroglicerinin kullanımı  
*Kağan Eroğlu, Ersin Çağrı Şimşek*
- PO-30** Takotsubo Sendromunun olağandışı nedeni: Akut menenjit  
*Yakup Yalçın, Betül Ayça Yamak, Abdullah Akbulut, Burak Sezenöz*
- PO-31** Guidewire fracture and retention in right coronary artery: A case presentation  
*Muhammed Keskin, Süha Asal, Vedat Çiçek, Selami Doğan, Mehmet Şeker, Şahhan Kılıç, Samet Yavuz, Murat Selçuk, Tufan Çınar, Ahmet Lütfullah Orhan*

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Heart Valve Diseases

PO-32 / PO-34

- PO-32** Malign ventricular tachycardia in a patient with mitral annulus disjunction and left ventricular noncompaction  
*Barış Güven, Barkın Kültürsay, Hasan Ali Barman, Memduh Dursun, Murat Kazım Eranlı*
- PO-33** Low dose ultraslow thrombolytic therapy in obstructive mechanical mitral valve thrombosis  
*İbrahim Sarac, Selim Aydemir, Oktay Gülcü, Emrah Aksakal, Kamuran Kalkan*
- PO-34** Protez kapak trombozu: Zorlu iki vaka  
*Yakup Yalçın, Serkan Ünlü, Salih Topal, Abdullah Akbulut, Elif Yazgan*

## ELECTRONIC POSTER CASE PRESENTATIONS

Heart Failure

PO-35 / PO-39

- PO-35** May a relationship occur between peripartum cardiomyopathy and restrictive cardiomyopathy?  
*Hatice Taşkan, Serkan Asil, Ender Murat, Selen Eski, Hasan Kutsi Kabul*
- PO-36** Acute thyrotoxicosis induced reversible cardiomyopathy in an adult patient  
*Vedat Çiçek, Tufan Çınar, Murat Selçuk, Ahmet Lütfullah Orhan*
- PO-37** Transient severe mitral regurgitation in COVID 19 recurrence: A case report  
*Fatih Levent, Barış Şensoy*
- PO-38** Diaphragm eventration mimicking heart failure symptoms in a patient with Cerebral Palsy  
*Fuat Polat*
- PO-39** Fulminant takotsubo cardiomyopathy triggered by Covid19-Delta Variant (L452R)  
*İbrahim Oğuz, İsmail Doğu Kılıç, Sadık Volkan Emren, Saadet Avunduk*

## ELECTRONIC POSTER CASE PRESENTATIONS

Cardiac Imaging / Echocardiography

PO-40 / PO-63

- PO-40** A very rare presentation of thoracoabdominal aortic aneurysm  
*İbrahim Dönmez, Tuba Dişikürk, Emrah Acar, Sait Alan*
- PO-41** İkili primer sağ kapak hastalığı olgusu; ileri derece yetersizliğe yol açan triküspit kapak prolapsus ve pulmoner yetersizlik - multimodaliter görüntüleme  
*Ayşe İrem Demirtola, Duygu İnan, Halil Atas, Çağdaş Topel, Nihan Kayalar, Gökhan Kahveci*
- PO-42** A rare cause of endocarditis: *Candida albicans*  
*Önercan Çakmak, Ahmet Anıl Başkurt, Mesut Özkahya, Fatih Yavaşlar, Semanur Vural, Ebru Özpelit*
- PO-43** Bacterial infective endocarditis associated with gerbode ventricular septal defect: A case report  
*Mesut Karatas, Kemal Emrecan Parsova, Ahmet Zengin, Yusuf Kağan Poçan, Nurşen Keleş*

## ELECTRONIC POSTER CASE PRESENTATIONS

Cardiac Imaging / Echocardiography

PO-40 / PO-63

- PO-44** Pulmonary and cerebral embolism caused by thrombus entrapped in patent foramen ovale  
*Gülsüm Meral Yılmaz Öztekin, Anıl Şahin, Ahmet Genç, Şakir Arslan*
- PO-45** Left apical thrombus with normal ventricular function  
*Dilay Karabulut, Güngör İlayda Bostancı Alp, Büsra Mavi, Hasan Ali Sinoplu, Fatma Nihan Turhan Çağlar, İbrahim Faruk Aktürk*
- PO-46** Beklenmedik bir presenkop nedeni: Kardiyak Lenfoma  
*Volkan Kozluca, Ömer Alkan, Nil Özyüncü, Kerim Esenboğa, Yakup Yunus Yamantürk, Elif Peker, Pervin Topçuoğlu, Sibel Tekin Turhan*
- PO-47** An atypical presentation with a focal type of Takotsubo cardiomyopathy  
*Mehtap Yeni*
- PO-48** A rare cause of syncope after cardiac surgery: Double lumen aortic pseudoaneurysm  
*Gökrem Kus, Nermin Bayar, Göksel Çağırıcı, Şakir Arslan*
- PO-49** Huge myxoma; a cause of syncope  
*Betül Ayça Yamak, Abdullah Özer, Mehmet Burak Gülcan, Serkan Ünlü*
- PO-50** Aortik pseudokoarktasyon: Nadir görülen aort patolojisi  
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- PO-51** An unusual cause of mitral valve thickening: Cogan Syndrome  
*Tuğba Aktemur, Gamze Babür Güler*
- PO-52** Elektrokardiyografide bir anterior T negatifliği nedeni; sol ventrikül serbest duvarda izole miyokardiyal kist hidatik  
*Filiz Akyıldız Akçay, Abdullah Kadir Dolu*
- PO-53** Pacemaker leadinin asemptomatik spontan perforasyonu  
*Aysu Oktay, Feyza Aksu, Gönül Açıksarı*
- PO-54** Diagnosis and treatment of constrictive pericarditis to cardiac catheterization on chest X-ray: Two different cases  
*Serkan Asil, Selen Eşki, Ender Murat, Hatice Taşkan, Murat Çelik, Hasan Kutsi Kabul*

## ELECTRONIC POSTER CASE PRESENTATIONS

Cardiac Imaging / Echocardiography

PO-40 / PO-63

- PO-55** Nadir bir akut pankreatit komplikasyonu olarak kırık kalp sendromu  
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- PO-56** Konjenital sinüs valsava rüptürü ilişkili ventrilüler septal defekt  
*Mehmet Tugay Yumuk, Ömer Doğan, Hasan Ali Barman*
- PO-57** Free-floating right atrial thrombus with acute pulmonary embolism treated with heparin infusion  
*Fatih Özkan, Hasan Ali Barman, Serhan Özyıldırım, Sait Mesut Doğan*
- PO-58** Cardiac amyloidosis presenting with rapid progression: A case report  
*Kemal Engin, Aybike Gül Taşdelen, Serhan Özyıldırım, Hasan Ali Barman, Murat Kazım Ersanlı*
- PO-59** İskemik serebrovasküler olay ile hospitalize edilen ve paradoksal emboli kaynağı olarak patent foramen ovale saptanan hastanın yönetimi  
*Hatice Taşkan, Selen Eşki, Ender Murat, Serkan Asil, Salim Yaşar, Suat Görmel, Uygur Çağdaş Yüksel, Murat Çelik*
- PO-60** A huge apical thrombus formation in a patient suspected with COVID-19  
*Murat Selçuk, Tufan Çınar, Süha Asal, Vedat Çiçek, Selami Doğan, Mehmet Şeker, Şahhan Kılıç, Samet Yavuz, Mert Babaoğlu, Nurgül Keser, Mehmet Uzun, Ahmet Lütfullah Orhan*
- PO-61** An unlikely cause of pericardial tamponade: Hypereosinophilic syndrome  
*Halil Gülyiğit, Müge Akbulut, Kaan Akın, İrem Dinçer*
- PO-62** Atriyal fibrilasyonda atipik trombus lokalizasyonu: Sağ atriyal apendiskte trombüsten erken evre mide kanserine  
*Yakup Yunus Yamantürk, Ömer Alkan, Mehmet Emre Özerdem, İrem Müge Akbulut, Sibel Tekin Turhan*
- PO-63** Protein C ve S eksikliğine bağlı intrakardiyak trombus ve sekundum tip ASD vakası  
*Burak Sezenöz, Betül Ayca Yamac, Serkan Ünlü*

## ELECTRONIC POSTER CASE PRESENTATIONS

## Congenital Heart Diseases

PO-64 / PO-67

- PO-65** 20 yaşında erişkin bir hastada onarılmamış fallot tetralojisi  
*Suat Görmel, Muhammet Geneş, Yusuf Öztürk, Serkan Yener, Barış Buğan, Murat Çelik*
- PO-66** Kompleks atrial septal defektin cihaz embolizasyonu sonrası septostomi yapılarak kapatılması  
*Savaş Açıkgöz, Erdoğan İlkay, Çiğdem Koca*
- PO-67** Ventriküler septal defekte eşlik eden çift odacıklı sağ ventrikül  
*Gökhan Akkan, Nihan Kahya Eren, Emre Özdemir*

## ELECTRONIC POSTER CASE PRESENTATIONS

## Coronary Artery Disease / Acute Coronary Syndrome

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- PO-68** Medikal tedaviye dirençli Prinzmetal angina olgusunun yönetimi  
*Ömer Doğan, Şükrü Arslan, Ahmet Yıldız*
- PO-69** Acute myocardial infarction mimicking Takotsubo Cardiomyopathy  
*Hatice Özdamar, Zeynep Kumral, Hatice İrem Üzümcü, Sema Güneri*
- PO-70** A case of spontaneous coronary artery dissection related to the use of amfetamine  
*Barış Güven, Ayça Dönmez, Muhammed Furkan Deniz, Selim Tanyolaç, Ümit Yaşar Sinan*
- PO-71** Ticagrelor kullanımı sonrasında erken dönemde gelişen ciddi miyalji ve rabdomiyolizis  
*Emir Doğan*
- PO-72** Perkütan koroner girişim sırasında katastrofik komplikasyonun başarılı yönetimi: Stent sıyrılması  
*Veysel Oktay, Kemal Engin, Ekin Kutlay, Fatih Özkan, Hidayet Ozan Arabacı*

## ELECTRONIC POSTER CASE PRESENTATIONS

## Pulmonary Hypertension / Pulmonary Vascular Diseases

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- PO-73** Nadir bir konjenital malformasyon: Inferior frenik arter pulmoner arter arası fistül  
*Salim Yaşar, Muhammet Geneş, Senan Allahverdiyev, Ozan Köksal, Erkan Yıldırım, Uygur Çağdaş Yüksel, Murat Çelik*



## ELECTRONIC POSTER CASE PRESENTATIONS

Other

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- PO-74** Palyatif özofagus stenti sonrası pnömoperikardiyum  
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- PO-75** Toxic epidermal necrolysis during propafenone treatment  
*Behice Hande Şişman, Sezgin Uzunoglan, Nijad Bakhshaliyev, Asim Enhoş, Erdem Karacop, Ramazan Ozdemir*
- PO-76** Spontaneous left subclavian vein thrombosis due to hyperhomocysteinemia in a young patient: A case report  
*Muammer Karakayalı, Mahmut Yesin*
- PO-77** Sağ atriyumda ki nadir görülen, anjiosarkom olgusu  
*Emre Melik Faideci, İshak Yılmaz, Sinan Güzel, İrfan Şahin, Ertuğrul Okuyan*
- PO-78** Extraordinary electrocardiographic presentation in patient with acute traumatic spondylolisthesis  
*Damla Yalçinkaya, Kadir Karaçalı, Damla Yeşilmeşe Koçak, Mikail Yarlioglu, İbrahim Etem Çelik, Gökhan Çiçek, Fatih Öksüz, Mustafa Duran, Sani Namık Murat*
- PO-79** Metastatik akciğer adenokarsinomu olan hastada bronkokaviter -perikardiyal fistül sonucu pnömoperikardiyum  
*Güldeniz Uzar, Mesut Buğra Hatipoğlu, Arzu Neslihan Akgün, Emir Karaçağlar*
- PO-80** Sistemik lupus eritematosus hastasında gelişen spontan koroner arter diseksiyonunun perkütan koroner girişim ile başarılı tedavisi  
*Yakup Yiğit, Zeynep Ulutaş, Şiho Hidayet, Yücel Karaca, Fatih Güven*

## ELECTRONIC POSTER CASE PRESENTATIONS

Cardiovascular Nursing / Technician

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- PO-81** Pulmoner hipertansiyonu olan hastanın Gordon'un fonksiyonel sağlık örüntüleri modeline göre hemşirelik bakımı  
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**TURKISH  
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**37<sup>th</sup>** **TURKISH CARDIOLOGY  
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