



**E Journal
of Cardiovascular
Medicine**

| Volume **8** | Issue **2** |

| June **2020** |

www.ejcvsmmed.com

Red Cell Distribution Width Predicts the Left Ventricular Reverse Remodeling After ST Segment Elevation Myocardial Infarction Undergone Primary Percutaneous Coronary Intervention

Pınar Demir Gündoğmuş, Kamuran Kalkan, Remziye Doğan, Abdulkadir Uslu, Enbiya Aksakal

Atrial Fibrillation, Heart Failure with Impaired Ejection Fraction and Natriuretic Peptides

Ebru İpek Türkoğlu, Emine Çiğdem Kırçıçeği Çiçekdağ

The Obesity Paradox Existing in Idiopathic Pulmonary Arterial Hypertension

Bihter Şentürk, Bahri Akdeniz, Ebru Özpelit, Mehmet Birhan Yılmaz, Buse Özcan Kahraman, Dilek Sezgin, Kemal Can Tertemiz, Can Sevinç

Noncompaction Phenotype, But What is Cause and is the Diagnosis Correct?

Onur Akhan

How Much Do Routine Blood Tests Tell Us About Patent Ductus Arteriosus? Is the Red Cell Distribution Width to Platelet Count Ratio or/and Any Platelet Parameter Useful?

Biröl Karabulut, Ayşe Şimşek

Cardiac Resynchronization Treatment Upgrade is An Alternative Treatment Option for Resistant Ventricular Tachycardia After Double Valve Replacement

Cihan İlyas Sevgican, Gökay Nar, Samet Yılmaz, Murat Biteker

Treatment Management in a Patient with Giant Ruptured Internal Iliac Artery Aneurysm

Mehmet Işık, Ömer Tanyeli

Editor-in-Chief

Prof. Öztekin Oto, FESC, FACC


*Dokuz Eylül University, Department of Cardiovascular Surgery, İzmir, Turkey
President, Heart and Health Foundation of Turkey / İzmir / Turkey*

 ORCID: orcid.org/0000-0002-8595-6006

Asistant Editors

Ali Kutsal

Sami Ulus Children Hospital Department of Cardiovascular Surgery, Ankara, Turkey

 ORCID: orcid.org/0000-0003-2742-3209


Changsheng Ma

Beijing Anzhen Hospital, Capital Medical University, Clinic of Cardiology, Beijing, China

 ORCID: orcid.org/0000-0002-5387-5957


Erdem Silistreli

Dokuz Eylül University, Department of Cardiovascular Surgery, İzmir, Turkey

 ORCID: orcid.org/0000-0001-6938-2332


Bektaş Battaloğlu

İnönü University, Department of Cardiovascular Surgery, Malatya, Turkey

 ORCID: orcid.org/0000-0003-1221-8122

Onur Saydam

Karaman State Hospital Cardiovascular Surgery, Karaman, Turkey

 ORCID: orcid.org/0000-0002-8968-6672


Emre Doğan

Trabzon Ahi Evren Cardiovascular Surgery Hospital, Trabzon, Turkey

 ORCID: orcid.org/0000-0002-5394-1010


Taylan Adademir

Kartal Koşuyolu Resarch Hospital, İstanbul, Turkey

 ORCID: orcid.org/0000-0003-1643-3751

Orçun Gürbüz

Meddem Hospital, Clinic of Cardiovascular and Endovascular Surgeon, Bursa, Turkey

 ORCID: orcid.org/0000-0001-8553-7939

Biol Karabulut

İzmir Katip Çelebi University, Atatürk Training and Research Hospital, Clinic of Pediatrics, Division of Neonatology, İzmir, Turkey

 ORCID: orcid.org/0000-0003-0523-153X

İlhan Maviöğlü

İrmet Hospital, Clinic of Cardiovascular Surgery, Tekirdağ, Turkey

 ORCID: orcid.org/0000-0002-8466-9873

İbrahim Erdinç

University of Health Sciences, İzmir Bozyaka Training and Research Hospital, Clinic of Cardiovascular Surgery, İzmir, Turkey

 ORCID: orcid.org/0000-0003-1659-2859

Mustafa Tok

Uludağ University Faculty of Medicine, Department of Cardiovascular Surgery, Bursa, Turkey

 ORCID: orcid.org/0000-0003-2985-1709

Onur Selçuk Göksel

İstanbul University İstanbul Faculty of Medicine, Department of Cardiovascular Surgery, İstanbul, Turkey

 ORCID: orcid.org/0000-0001-8103-3709

Özcan Gür

Tekirdağ Namık Kemal University Faculty of Medicine, Department of Cardiovascular Surgery, Tekirdağ, Turkey

 ORCID: orcid.org/0000-0001-9398-3402

Selami Gürkan

Tekirdağ Namık Kemal University Faculty of Medicine, Department of Cardiovascular Surgery, Tekirdağ, Turkey

 ORCID: orcid.org/0000-0001-5391-9270

Ufuk Tütün

Zonguldak Bülent Ecevit University Faculty of Medicine, Department of Cardiovascular Surgery, Zonguldak, Turkey

 ORCID: orcid.org/0000-0002-9661-7632

Uğursay Kızıltepe

University of Health Sciences, Dışkapı Yıldırım Beyazıt Training and Research Hospital, Clinic of Cardiovascular Surgery, Ankara, Turkey

 ORCID: orcid.org/0000-0002-7405-6512

Michael Firstenberg

The Medical Center of Aurora, Department of Cardiothoracic Surgery, Colorado, USA

www.ejcvsm.com



Head of Scientific Advisory Board

Marko Turina

University Hospital of Zurich, Clinic of Cardiovascular Surgery, Zurich, Switzerland

Scientific Advisory Board

Michael Firstenberg

The Medical Center of Aurora, Department of Cardiothoracic Surgery, Colorado, USA

Changsheng Ma

Beijing Anzhen Hospital, Capital Medical University, Clinic of Cardiology, Beijing, China

Harald Kaemmerer

German Heart Centre, Munich, Germany

Fausto Pinto

Director of Lisbon Cardiovascular Institute, Lisbon, Portugal & President of the European Society of Cardiology

Jose Luis Pomar

Hospital Clinico de Barcelona, Department of Cardiovascular Surgery, Barcelona, Spain

Stephan Schueler

Tyne Freeman Hospital, Department for Cardiothoracic Surgery Newcastle, United Kingdom

Frank W. Selke

Chief of Cardiothoracic Surgery at Brown Medical School, Rhode Island, USA

Joseph E. Bavaria

Hospital of the University of Pennsylvania, Philadelphia, USA

Gonzalo Luis Alonso Salinas

Marcelo Sanmartín of Hospital Universitario Ramón y Cajal, Madrid, Spain

Şafak Alpat

Birmingham Children's Hospital Pediatric Cardiovascular Surgery, Birmingham, UK

Lazar Davidovic

Belgrade Medical School Cardiovascular Surgery, Belgrade, Serbia

James B. Hermiller

The Ohio State University College of Medicine, Ohio, USA

Akihiko Ikeda

Department of Cardiovascular Surgery, Tsukuba Medical Center Hospital, Tsukuba, Japan

Piotr Kasprzak

University Hospital Regensburg, Director of Vascular Surgery, Regensburg, Germany

Nooredin Mohammadi

Iran University of Medical Sciences, Cardiology, Demand for Health Care, Tehran, Iran

José Luis Serrano Martínez

University Hospital of Granada Department of Internal Medicine, Granada, Spain

Olivier Villemain

Université Paris Descartes, Sorbonne Paris Cité, Psychology, Paris, France

Elena Zapata-Arriaza

Hospital Universitario Virgen del Rocío, Instituto de Biomedicina de Sevilla, Sevilla, Spain

Owner

©TÜSAV Heart and Health Foundation of Turkey

Administration Office

Şair Eşref Bulvarı, 1402 Sk. No: 2/2 Özbaş Apt.
Alsancak / Izmir / Turkey

Phone: + 90 232 464 19 63 / Fax: +90 232 464 24 70

e-mail: info@oztekinoto.com | info@tksv.com

Prof. Mohamed Moustafa Abdelaal

*Kafrelsheikh University Hospital, Cardiothoracic Surgery and
General Director, Kafr El Sheikh / Egypt*

Assoc. Prof. Barış Akça

*Inonu University School of Medicine, Department of
Cardiovascular Surgery, Malatya / Turkey*

Dr. Rezan Aksoy

*Siyami Ersek Training and Research Hospital,
Cardiovascular Surgery, Istanbul / Turkey*

Dr. Şafak Alpat

*Birmingham Children's Hospital Pediatric Cardiovascular
Surgery, Birmingham / UK*

Dr. Mustafa Aldemir

*Kocatepe University, Department of Cardiovascular
Surgery, Afyon / Turkey*

Dr. Elena Zapata-Arriaza

*Hospital Universitario Virgen del Rocío, Instituto de
biomedicina de Sevilla, Vascular Medicine, Sevilla / Spain*

Dr. Mehmet Atay

*Bakırköy Sadi Konuk Research Hospital, Cardiovascular
Surgery, Istanbul / Turkey*

Assoc. Prof. Hakan Aydın

*Sami Ulus in Ankara Training and Research Hospital,
Cardiovascular Surgery, Ankara / Turkey*

Assoc. Prof. Ahmet Çağrı Aykan

*Ahi Evren University of Health Sciences, Thoracic and
Cardiovascular Surgery, Trabzon / Turkey*

Assoc. Prof. Vedat Bakuy

*Bakırköy Sadi Konuk Training and Research Hospital,
Cardiovascular Surgery, Istanbul / Turkey*

Dr. Stefano Bartoli

ASL Roma 2, Cardiovascular Surgery Rome / Italy

Assoc. Prof. Elif Börekçi

*Bozok University Research and Application Hospital,
Internal Medicine, Yozgat / Turkey*

Dr. Tomasa Centella

*Hospital Ramón y Cajal, Cardiovascular Surgery,
Madrid / Spain*

Assoc. Prof. Ahmet Çalıřkan

*Dicle University School of Medicine, Cardiovascular
Surgery, Diyarbakır / Turkey*

Dr. Gökhan Çavuşođlu

*Ahi Evren University of Health Sciences, Thoracic and
Cardiovascular Surgery, Radiology, Trabzon / Turkey*

Dr. Deniz Çevirme

*Kartal Koşuyolu Research and Education Hospital,
Cardiovascular Surgery, Istanbul / Turkey*

Prof. Ferit Çiçekçiođlu

*Bozok University, Training and Research Hospital,
Cardiovascular Surgery, Yozgat / Turkey*

Assoc. Prof. Ertan Demirdař

*Bozok University Research and Application Hospital and
Cardiovascular Surgery, Yozgat / Turkey*

Assoc. Prof. Yüksel Dereli

*Necmettin Erbakan University, Meram Medical Faculty
Hospital, Cardiovascular Surgery, Konya / Turkey*

Assist.Prof. İnci Selin Dođan

*Karadeniz Technical University Faculty of Pharmacy
Pharmacology, Medicinal Chemistry, Trabzon / Turkey*

Dr. Vehbi Dođan

*Sami Ulus Training and Research Hospital, Pediatric
Cardiology, Ankara / Turkey*

Dr. Çağrı Düzyol

*Kocaeli Derince Education and Research Hospital
Cardiovascular Surgery, Kocaeli / Turkey*



Assoc. Prof. Hüseyin Ede

*Bozok University, Medical Faculty, Cardiovascular Surgery,
Yozgat / Turkey*

Dr. İlker Ertuğrul

*Sami Ulus Training and Research Hospital, Pediatric
Cardiology, Ankara / Turkey*

Prof. Niyazi Görmüş

*Necmettin Erbakan University, Meram Medical Faculty
Hospital, Cardiovascular Surgery, Konya / Turkey*

Assist. Prof. Adem Güler

*Gulhane Military Medical Academy Department of
Cardiovascular Surgery, Ankara / Turkey*

Assoc. Prof. Mustafa Gülgün

*GATA Department of Pediatrics, Division of Pediatric
Cardiology, Ankara / Turkey*

Prof. Usama Ali M. Hamza

*Mansoura University Faculty of Medicine, Cardiothoracic
Surgery, Cardiovascular Surgery, Mansoura / Egypt*

Dr. James B Hermiller

*St Vincent's Medical Group, Interventional Cardiology
Indianapolis / USA*

Dr. Akihiko Ikeda

*Tsukuba Medical Center Hospital, Cardiovascular
Surgery, Tsukuba / Japan*

Dr. Richard W Issitt

*Great Ormond Street Hospital, Cardiac Surgery, Pediatric
Cardiology, London / UK*

Dr. Mehmet Kalender

*Derince Training and Research Hospital, Cardiovascular
Surgery, Kocaeli / Turkey*

Dr. Ayşegül Karadeniz

*Ahi Evren University of Health Sciences, Thoracic and
Cardiovascular Surgery, Radiobiology, Trabzon / Turkey*

Assoc. Prof. Osman Kayapınar

*Duzce University, Medical Faculty Department of
Cardiology / Düzce / Turkey*

Assoc. Prof. Alper Kepez

*Marmara University Training and Research Hospital
Cardiology Clinic / Istanbul / Turkey*

Assoc. Prof. Yasir Khan Khan

*Ch. Pervaiz Elahi Institute of Cardiology, Cardiovascular
Surgery, Punjab / Pakistan*

Assoc. Prof. Levent Korkmaz

*Ahi Evren University of Health Sciences, Thoracic and
Cardiovascular Surgery, Trabzon / Turkey*

Assoc. Prof. Ulaş Kumbasar

*Hacettepe University Medical School Cardiovascular
Surgery, Ankara / Turkey*

Dr. Redha Lakehal

*Department of heart Surgery, EHS Erriadh,
Constantine /Algeria*

Dr. Wei-Chieh Lee

*Kaohsiung Chang Gung Memorial Hospital, Cardiology,
Kaohsiung City / Tayvan*

Dr. José Luis Serrano Martínez

*University Hospital of Granada, Department of Internal
Medicine, Granada / Spain*

Assoc. Prof. Ümit Mentеше

*Ahi Evren University of Health Sciences, Thoracic and
Cardiovascular Surgery, Trabzon / Turkey*

Dr. Nooredin Mohammadi

*Iran University of Medical Sciences, Cardiology, Demand
for Health Care, Determinants of Health, Tehran / Iran*

Dr. Vinod Namana

*Maimonides Medical Center, Department of Medical
Research, New York / USA*

Dr. Silvio Nocco

Sirai Hospital, Department of Cardiology, Carbonia / Italy

Assoc. Prof. Zeynep Tuğba Özdemir

*Bozok University School of Medicine, Internal Medicine,
Yozgat / Turkey*

Dr. Tanıl Özer

*Kartal Koşuyolu Yüksek İhtisas Research and Education
Hospital, Istanbul / Turkey*

Prof. Murat Özeren

*Mersin University Medical School, Cardiovascular
Surgery, Mersin / Turkey*

Assoc. Prof. Emre Özker

*Başkent University School of Medicine, Department of
Cardiovascular Surgery, Ankara / Turkey*

Dr. Abdullah Özyurt

*Mersin Maternity and Children Diseases Hospital, Pediatric
Cardiology, Mersin / Turkey*

Dr. Recep Oktay Peker

*Hacettepe University, Department of Cardiovascular Surgery,
Ankara / Turkey*

Dr. Hikmet Sahratov

*Gülhane Education and Research Hospital, Department of
Cardiovascular Surgery, Ankara / Turkey*

Dr. Gonzalo Luis Alonso Salinas

*Marcelo Sanmartín of Hospital Universitario Ramón y Cajal,
Madrid / Spain*

Dr. Stefano Salizzoni

*Città della Salute e della Scienza, Cardiac Surgery,
Cardiac Surgery, Turin / Italy*

Dr. Gökhan Sargın

*Adnan Menderes University Medical School, Internal
Medicine, Aydın / Turkey*

Dr. Mustafa Seren

*Ankara 29 Mayıs State Hospital and Cardiovascular
Surgery, Ankara / Turkey*

Prof. Erdem Silistreli

*Dokuz Eylül University, Department of Cardiovascular
Surgery, İzmir / Turkey*

Assoc. Prof. Ömer Tanyeli

*Necmettin Erbakan University, Meram Medical Faculty
Hospital, Cardiovascular Surgery, Konya / Turkey*

Dr. İlker Tekin

*Antalya Medicalpark Hospital, Cardiovascular Surgery,
Antalya / Turkey*

Assist. Prof. Dinçer Uysal

*Isparta Süleyman Demirel University, Department of
Cardiovascular Surgery, Isparta / Turkey*

Dr. Olivier Villemain

*IM3C Necker-Enfants Malades, AP-HP, Université Paris
Descartes, Pediatric Cardiology, Radiology, Paris / France*

Dr. Mustafa Esat Yamaç

*Ahi Evren University of Health Sciences, Thoracic and
Cardiovascular Surgery, Trabzon / Turkey*

Assoc. Prof. Ali Ümit Yener

*Canakkale Onsekiz Mart University Medical Faculty,
Department of Cardiovascular Surgery, Çanakkale / Turkey*

Dr. Dilek Yeşilbursa

*Uludağ University, Medical Faculty, Department of
Cardiology / Bursa / Turkey*

Dr. Mustafa Yılmaz

*Sami Ulus Training and Research Hospital, Pediatric
Cardiology / Ankara / Turkey*



About Us



E Journal of Cardiovascular Medicine has been published quarterly in March, June, September and December as the official journal of the Heart and Health Foundation of Turkey since 2013. A peer reviewed system is used to select manuscripts for publication. The journal is published in English language as an online publication.

E Journal of Cardiovascular Medicine is a global e-journal of cardiology and cardiovascular-vascular-endovascular surgery, cardio-metabolic and vascular sciences. Articles reporting clinical observations and interventions, experimental studies and theoretical concepts are all welcome provided they are of major scientific importance and clinical relevance. The e-journal covers all aspects of cardiology cardiovascular-vascular-endovascular surgery from genes to populations. The e-journal commissions high quality review articles from distinguished authors; unsolicited reviews will also be considered and will be subject to peer review. Letters to the editor are welcome. Case reports can only be considered if formatted as a letter. Submission of a manuscript to this e-journal gives the publisher the right to publish that paper.

E Journal of Cardiovascular Medicine is indexed in **ScopeMed, TÜRK MEDLINE, IdealOnline, J-GATE** and **ULAKBİM**.

E Journal of Cardiovascular Medicine, is the Open Journal and all the content of the journal are available for readers. We do not have article processing charges (APCs) and article submission charges. E Journal of Cardiovascular Medicine, have a policy of screening for plagiarism and use Crossref Similarity Check (powered by iThenticate) We also sue both Editorial review and blind peer review. If it is accepted. Manuscripts may be edited to improve clarity and expression.

Open Access Policy

This journal provides immediate open access to its content on the principle that making research freely available to the public supports a greater global exchange of knowledge.

Open Access Policy is based on the rules of the Budapest Open Access Initiative (BOAI) <http://www.budapestopenaccessinitiative.org/>. By “open access” to peer-reviewed research literature, we mean its free availability on the public internet, permitting any users to read, download, copy, distribute, print, search, or link to the full texts of these articles, crawl them for indexing, pass them as data to software, or use them for any other lawful purpose, without financial, legal, or technical barriers other than those inseparable from gaining access to the internet itself. The only constraint on reproduction and distribution, and the only role for copyright in this domain, should be to give authors control over the integrity of their work and the right to be properly acknowledged and cited.

This work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International License.

www.ejcvsm.com

E Journal of Cardiovascular Medicine is published quarterly (March, June, September, December). It aims to publish research articles and reviews of high quality which cover all aspects of surgery of the heart, vessels and the chest.

The abbreviation of the E Journal of Cardiovascular Medicine is EJCM.

E Journal of Cardiovascular Medicine does not charge any article submission, processing or publication charges.

The scientific and ethical liability of the manuscripts belongs to the authors and the copyright of the manuscripts belongs to the Heart and Health Foundation of Turkey. Authors are responsible for the contents of the manuscript and accuracy of the references. All manuscripts submitted for publication must be accompanied by the Copyright Transfer Form. Once this form, signed by all the authors, is submitted, it is understood that neither the manuscript nor the data it contains have been submitted elsewhere or previously published and authors declare the statement of scientific contributions and responsibilities of all authors. Abstracts presented at congresses are eligible for evaluation.

The Editorial Policies and General Guidelines for manuscript preparation specified below are based on “Recommendations for the Conduct, Reporting, Editing, and Publication of Scholarly Work in Medical Journals” (ICMJE Recommendations) by the International Committee of Medical Journal Editors.

Peer-Review

E Journal of Cardiovascular Medicine is an independent journal based on double-blind peer-review principles. The manuscript is assigned to the Editor-in-Chief, who reviews the manuscript and makes an initial decision based on manuscript quality and editorial priorities. Manuscripts that pass initial evaluation are sent to an Associate Editor. The Associate Editor assigns the manuscript to two reviewers (internal and/or external). The reviewers must review the manuscript within 21 days. The Associate Editor recommends a decision based on the reviewers’ recommendations and sends the manuscript to the Editor-in-Chief. The Editor-in-Chief makes a final decision based on editorial priorities, manuscript quality, and Associate Editor’s and reviewers’ recommendations. If there are any conflicting recommendations from reviewers, the Editor-in-Chief may assign a new reviewer.

All manuscripts submitted are screened for plagiarism using Crossref Similarity Check powered by “iThenticate” software. Results indicating plagiarism may cause manuscripts being returned or rejected.

Ethic

Experimental, clinical and drug studies requiring approval by an ethics committee must be submitted to the E Journal of Cardiovascular Medicine with an ethics committee approval report confirming that the study was conducted in accordance with international agreements and the Declaration of Helsinki. The approval of the ethics committee and the fact that informed consent was given by the patients should be indicated in the Materials and Methods section. In experimental animal studies, the authors should indicate that the procedures followed were in accordance with animal rights as per the Guide for the Care and Use of Laboratory Animals and they should obtain animal ethics committee approval.

Preparation of research articles, systematic reviews and meta-analyses must comply with study design guidelines:

CONSORT statement for randomized controlled trials

PRISMA statement of preferred reporting items for systematic reviews and meta-analyses

STARD checklist for the reporting of studies of diagnostic accuracy

STROBE statement, a checklist of items that should be included in reports of observational studies

MOOSE guidelines for meta-analysis and systemic reviews of observational studies

Authors must provide disclosure/acknowledgment of financial or material support, if any was received.

If the article includes any direct or indirect commercial links or if any institution provided material support to the study, authors must state in the cover letter that they have no relationship with the commercial product, drug, pharmaceutical company, etc. concerned; or specify the type of relationship (consultant, other agreements).

Authors must provide a statement on the absence of conflicts of interest among the authors and provide authorship contributions.



In case of any suspicion or claim regarding scientific shortcomings or ethical infringement, the Journal reserves the right to submit the manuscript to the supporting institutions or other authorities for investigation. The Journal accepts the responsibility of initiating action but does not undertake any responsibility for an actual investigation or any power of decision.

Guidelines

Manuscripts can only be submitted electronically through EJManager website (<https://www.ejmanager.com/my/ejcm/>) after creating an account.

Format: Manuscripts should be prepared using Microsoft Word; font type and font size should preferably be Arial or Times New Roman 11 points. The manuscript should be double-spaced and should include line and page numbers.

Abbreviations: Abbreviations should be defined at first mention and used consistently thereafter. Internationally accepted abbreviations should be used; refer to scientific writing guides as necessary.

Cover letter: A cover letter should be enclosed to all new manuscripts (to be filled in online), specifying the name of the journal and the type of paper, and including the following statements:

- The manuscript should not be previously published in print or electronic form and is not under consideration by another publication.
- All authors should contribute to the content of the article.
- All authors should read and approve the submission of the manuscript to ICVTS.
- Subject to acceptance, authors will sign an exclusive license to publish.
- No ethical problem or conflict of interest should exist.

Manuscript Types

All submitted articles must be accompanied by following files:

Title Page: This page should include the title of the manuscript, name(s) of the authors and author information. The following descriptions should be stated in the given order:

1. Title should be brief and descriptive (100 characters) – no abbreviations are allowed, even if well known.

2. List all authors by full first name, initial of or full middle name and family name. Qualifications are not required. Ensure the author names correspond (in spelling and order of appearance) with the metadata of the system.

3. Include the name of all institutions with the location (department, institution, city, country) to which the work should be attributed (in English). Use superscript numbers to connect authors and their department or institution

4. Name, address, e-mail, phone and fax number of the corresponding author

5. If the manuscript was (or will be) presented at a meeting, include the meeting name, venue, and the date on which it was (or will be) presented; also indicate if you have submitted an Abstract of this manuscript for the EACTS or ESTS annual meeting and whether it has been accepted (if known).

6. The total number of words of the whole article (including title page, abstract, main text, legends, tables and references) must be specified on the title page.

Abstract: It should be a concise summary of the manuscript. Reference citations are not allowed. The abstract should be factual and free of abbreviations, except for SI units of measurement. It should be in English, with a minimum of 150 and maximum of 350 words.

For original articles, the structured abstract should include the following sub-headings:

Objectives: The aim of the study should be clearly stated.

Materials and Methods: The study and standard criteria used should be defined; it should also be indicated whether the study is randomized or not, whether it is retrospective or prospective, and the statistical methods applied should be indicated, if applicable.

Results: The detailed results of the study should be given and the statistical significance level should be indicated.

Conclusion: Should summarize the results of the study, the clinical applicability of the results should be defined, and the favorable and unfavorable aspects should be declared.

Keywords: A list of minimum 3, but no more than 6 keywords must follow the abstract. Keywords should be consistent with "Medical Subject Headings" (MESH).

Original Articles

Clinical research should comprise clinical observation, new techniques or laboratory studies. Original research articles should include title, structured abstract, keywords relevant to the content of the article, introduction, materials and methods, results, discussion, references, tables/figures and acknowledgement sections. The manuscript should be formatted in accordance with the above-mentioned guidelines and should not exceed 3000 words.

Introduction: Should state the purpose of the investigation and give a short review of pertinent literature.

Materials and Methods: Should be described in detail with appropriate information about patients or experimental animals. Use of abbreviations renders the text difficult to read; abbreviations should be limited to SI units of measurement and to those most commonly used, e.g. VSD, ASD, CABG (abbreviations should not be included in headings and extensions should be included at first mention).

Results: Results should be reported concisely and regarded as an important part of the manuscript. They should be presented either in tables and figures, and briefly commented on in the text, or in the text alone. Repetition of results should be avoided.

Discussion: The discussion is an interpretation of the results and their significance with reference to pertinent work by other authors. It should be clear and concise.

Acknowledgements: Acknowledgements and details of non-financial support must be included at the end of the text before the references. Personal acknowledgements should precede those of institutions or agencies.

References: The number of references should not exceed 40. Authors are responsible for the accuracy of the references. See References Section for details about the usage and formatting required.

Case Reports

Case reports should present cases which are rarely seen, new surgery techniques, feature novelty in diagnosis and treatment, and contribute to our current knowledge. The first page should include the title, an unstructured abstract not exceeding 250 words, and keywords. The main text should not exceed 1500

words and consist of introduction, case report, discussion and references not exceeding 20.

Review Articles

Review articles must provide critical analyses of contemporary evidence and provide directions of current or future research. Reviews articles analyze topics in depth, independently and objectively. The first page should include the title, an unstructured abstract and keywords. Source of all citations should be indicated and references amount should not exceed 100. The main text should not exceed 5000 words.

References

Authors are responsible for the accuracy and completeness of their references and for correct in-text citation. All references should be in accordance with following rules:

In-text citations: References should be indicated as superscript in the parentheses after the full stop of the relevant sentence. If the author(s) of a reference is/are indicated at the beginning of the sentence, this citation should be written as superscript in the parentheses immediately after the author's name.

References section: References should be numbered consecutively in the order in which they are first mentioned in the text. If there are more than 6 authors, first 3 authors must be listed followed by "et al". The titles of journals should be abbreviated according to the style used in the Index Medicus. If a reference from another language than English will be used, English version of the title should be referenced.

Reference Format

Journal: Sawhney N, Anousheh R, Chen WC, Narayan S, Feld GK. Five-Year Outcomes After Segmental Pulmonary Vein Isolation for Paroxysmal Atrial Fibrillation. *Am J Cardiol* 2009; 104(3):366–72.

Book: Baue AE, Geha AS, Hammond GL, Laks H, Naunheim KS. *Gleen's thoracic and cardiovascular surgery*. 1st ed. London: Appleton&Lange; 1991.

Book Chapter: Weinberg PM. Aortic arch anomalies. In: Allen HD, Clark EB, Gutgesell HP, Driscoll DJ (eds). *Moss and Adams' heart disease in infants, children, and adolescents*. 1st ed. Philadelphia: Lippincott Williams & Wilkins; 2001. p. 707-735.



Conference Paper: Davis L, Lee M, Sheridan B, et al. Berlin Heart EXCOR support in the first year of life. In: 32nd EACTS Annual Meeting; 18-20 October, 2018; Milan, Italy.

Figures and Tables

All visual materials (pictures, graphs and drawn figures) must be named as "Figure". All figures and tables must be cited within the main text consecutively. Legends of all figures must be submitted as separate page of main document. Each figure must be submitted as separate file and in ".jpeg" format. All figures should be of the possible highest quality and at a minimum resolution of 300 dpi. All figures must be original. Figures previously published by other sources, must be submitted with a copy of written permission of the owner of figure. All permissions must be obtained by authors prior to submission. For figures involved human studies, written informed consent must be taken from patient or his/her parent and uploaded during submission. Otherwise, patient's names must not be indicated and their eyes must be hid with black lines to prevent any exposure of identity.

All tables must be included in the manuscript file, should start on separate pages and be accompanied by a title, and footnotes where necessary. The tables should be numbered consecutively

using Arabic numerals. Units in which results are expressed should be given in parentheses at the top of each column and not repeated in each line of the table.

Informed Consent and Ethics

Manuscript reporting the results of experimental investigations on human subjects must include a statement in the Materials and Methods section that the institutional review board has approved the study and the informed consent were obtained from patient or parents. The author(s) should state the accordance to the Declaration of Helsinki. Also, the experimental studies must be approved by the ethics committee for animal use and proper ethics.

Correspondence

Heart and Health Foundation of Turkey

Address: Şair Eşref Bulvarı, 1402 Sk. No: 2/2 Özbaş Apt.
Alsancak - İzmir - TÜRKİYE

Phone: +90 232 464 19 63

Fax: +90 232 464 24 70

E-mail: info@tksv.com

Research Articles

Red Cell Distribution Width Predicts the Left Ventricular Reverse Remodeling After ST Segment Elevation Myocardial Infarction Undergone Primary Percutaneous Coronary Intervention | 63

Pinar Demir Gündoğmuş, Kamuran Kalkan, Remziye Doğan, Abdulkadir Uslu, Enbiya Aksakal

Atrial Fibrillation, Heart Failure with Impaired Ejection Fraction and Natriuretic Peptides | 72

Ebru İpek Türkoğlu, Emine Çiğdem Kırçıçeği Çiçekdağ

The Obesity Paradox Existing in Idiopathic Pulmonary Arterial Hypertension | 78

Bihter Şentürk, Bahri Akdeniz, Ebru Özpelit, Mehmet Birhan Yılmaz, Buse Özcan Kahraman, Dilek Sezgin, Kemal Can Tertemiz, Can Sevinç

Noncompaction Phenotype, But What is Cause and is the Diagnosis Correct? | 85

Onur Akhan

How Much Do Routine Blood Tests Tell Us About Patent Ductus Arteriosus? Is the Red Cell Distribution Width to Platelet Count Ratio or/and Any Platelet Parameter Useful | 91

Birol Karabulut, Ayşe Şimşek

Case Reports

Cardiac Resynchronization Treatment Upgrade is An Alternative Treatment Option for Resistant Ventricular Tachycardia After Double Valve Replacement | 99

Cihan İlyas Sevgican, Gökay Nar, Samet Yılmaz, Murat Biteker

Treatment Management in a Patient with Giant Ruptured Internal Iliac Artery Aneurysm | 103

Mehmet Işık, Ömer Tanyeli