

INTERNATIONAL JOURNAL OF THE CARDIOVASCULAR ACADEMY

VOLUME 8 - ISSUE 3 - July - September 2022



International Journal of the Cardiovascular Academy

EDITORIAL BOARD

EDITOR-IN-CHIEF

Prof. Dr. Oktay Ergene
Dokuz Eylül University, Izmir-Turkey

STATISTICS CONSULTANTS

Asst. Prof. Dr. Aslıhan Alhan
Ufuk University, Ankara-Turkey
Prof. Dr. Yasemin Yavuz
Ankara University, İbni Sina Hospital,
Ankara-Turkey

EDITOR

Prof. Dr. Mehdi Zoghi
Ege University, Izmir-Turkey

ASSOCIATE EDITORS

Assoc. Prof. Dr. Gönenç Kocabay
Kartal Kosuyolu Training and Research Hospital,
Istanbul-Turkey
Assoc. Prof. Dr. Nihan Turhan
Bakırköy Dr Sadi Konuk Research and Training
Hospital, Istanbul-Turkey
Prof. Dr. Alev Arat Özkan
Istanbul University, Istanbul-Turkey

Assoc. Prof. Dr. Özgür Kırbaş
Türkiye Yüksek İhtisas Training and Research
Hospital, Ankara-Turkey

Assoc. Prof. Dr. Volkan Emren
Katip Celebi University, Izmir-Turkey

EDITORIAL BOARD

Prof. Dr. Antonello Gavazzi
Bergamo-Italy
Dr. Yasmin Rustamova
Baku-Azerbaijan
Prof. Dr. Nataša Marković- Nikolić
Belgrade-Serbia
Prof. Dr. Ömer Kozan
Istanbul-Turkey
Dr. Raffaele Piccolo
Bern-Switzerland
Assoc. Prof. Dr. Özcan Başaran
Muğla-Turkey
Asst. Prof. Dr. Özgen Şafak
Çanakkale-Turkey
Prof. Dr. Nazmi Narin
Izmir-Turkey
Dr. Irina Kotlar
Skopje-Macedonia
Dr. Ümit Yaşar Sinan
Istanbul-Turkey
Assoc. Prof. Dr. Cemil İzgi
London-United Kingdom
Assoc. Prof. Dr. Ceyla Konca Değertekin
Ankara-Turkey
Dr. Madhusudanarao Vuda
Minneapolis-USA
Assoc. Prof. Dr. Firdovsi Ibrahimov
Baku-Azerbaijan

Assoc. Prof. Dr. Claudio Molinari
Novara- Italy
Assoc. Prof. Babak Sharif-Kasahi
Tehran-Iran
Prof. Dr. Nataša Marković- Nikolić
Belgrade-Serbia
Dr. Pradeep Kumar
Johannesburg, Gauteng, South Africa
Dr. Arash Hashemi
Tehran-Iran
Dr. Güliz Kozdağ
New York-USA
Assist. Prof. Hatice Kemal
Nicosia-Cyprus
Prof. Dr. Bambang Budi Siswanto
Jakarta-Indonesia
Dr. Gerald Chi
Boston, Massachusetts-USA
Dr. Fady Gerges
Abu Dhabi-United Arab Emirates
Dr. Emanuele Bobbio
Gothenburg-Sweden
Dr. Jyoti Bala
Miami, Florida-USA
Prof. Dr. Massimo Santini
Rome-Italy
Assoc. Prof. Dr. Hasan Güngör
Aydın-Turkey
Assoc. Prof. Mahdi Najafi
Tehran-Iran

Assoc. Prof. Dr. Gulnaz Dadashova
Baku-Azerbaijan
Dr. Chin Siang Ong
Baltimore, Maryland-USA
Assoc. Prof. Dr. Kaan Okyay
Ankara-Turkey
Dr. Sara Moscatelli
Genova-Italy
Dr. Mohammad Mostafa Ansari Ramandi
Tehran-Iran
Assoc. Prof. Dr. Berkay Ekici
Ankara-Turkey
Dr. Abdallah Almaghraby
Alexandria, Egypt
Assoc. Prof. Dr. Fahriye Vatansever Agca
Bursa-Turkey
Assist. Prof. Dr. Tuğba Kemaloğlu Öz
Istanbul-Turkey
Dr. Pratik Kalsaria
Dallas, Texas-USA
Assoc. Prof. Dr. Salih Kılıç
Adana-Turkey
Assoc. Prof. Dr. Güliz Erdem
Istanbul-Turkey
Asst. Prof. Dr. Olcay Aksoy
Los Angeles-USA
Dr. Syed Haseeb Raza Naqvi
Karachi-Pakistan

International Journal of the Cardiovascular Academy

GENERAL INFORMATION

The journal

International Journal of the Cardiovascular Academy or IJCA (ISSN: Print-2405-8181, Online 2405-819X) is a peer-reviewed journal published on behalf of the Turkish Cardiovascular Academy Society. The journal publishes information relating to Cardiologists, cardiothoracic surgeons, internists, radiologists, pulmonologists and physicians in training. The journal is published quarterly in March, June, September and December.

Abstracting and Indexing Information

The journal is registered with the following abstracting partners: Baidu Scholar, CNKI (China National Knowledge Infrastructure), EBSCO Publishing's Electronic Databases, Ex Libris – Primo Central, Google Scholar, Hinari, Infotrieve, Netherlands ISSN center, ProQuest, TdNet, Wanfang Data

The journal is indexed with, or included in, the following:
DOAJ

Information for Authors

There are no page charges for submissions to the journal. Please check <http://www.ijcva.com/contributors.asp> for details. All manuscripts must be submitted online at <http://www.ijcva.com/>.

Advertising policies

The journal accepts display and classified advertising. Frequency discounts and special positions are available. Inquiries about advertising should be sent to Wolters Kluwer India Private Limited, WKHLRPMedknow_advertise@wolterskluwer.com

The journal reserves the right to reject any advertisement considered unsuitable according to the set policies of the journal.

The appearance of advertising or product information in the various sections in the journal does not constitute an endorsement or approval by the journal and/or its publisher of the quality or value of the said product or of claims made for it by its manufacturer.

IJCA 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.

This work is licensed under a Creative Commons Attribution-Noncommercial-Share Alike 4.0 International Public License.

Permissions

For information on how to request permissions to reproduce articles/ information from this journal, please visit <http://www.ijcva.com/>

Disclaimer

The information and opinions presented in the Journal reflect the views of the authors and not of the Journal or its Editorial Board or the Society or the Publisher. Publication does not constitute endorsement by the journal. Neither the International Journal of the Cardiovascular Academy nor its publishers nor anyone else involved in creating, producing or delivering the International Journal of the Cardiovascular Academy or the materials contained therein, assumes any liability or responsibility for the accuracy, completeness, or usefulness of any information provided in the International Journal of the Cardiovascular Academy, nor shall they be liable for any direct, indirect, incidental, special, consequential or punitive damages arising out of the use of the International Journal of the Cardiovascular Academy. The International Journal of the Cardiovascular Academy, nor its publishers, nor any other party involved in the preparation of material contained in the International Journal of the Cardiovascular Academy represents or warrants that the information contained herein is in every respect accurate or complete, and they are not responsible for any errors or omissions or for the results obtained from the use of such material. Readers are encouraged to confirm the information contained herein with other sources.

Addresses

Editorial Office

Prof. Dr. Mehdi Zoghi
Ege University, Faculty of Medicine,
Department of Cardiology,
Bornova, 3100, İzmir - Turkey.
Telephone: +90 232 - 3905458
E-mail: mehdi_zoghi@hotmail.com

Published by

Wolters Kluwer India Private Limited
A-202, 2nd Floor, The Qube,
C.T.S. No.1498A/2 Village Marol, Andheri (East),
Mumbai - 400 059, India.
Phone: 91-22-66491818
Website: www.medknow.com

International Journal of the Cardiovascular Academy

July-September 2022

Volume 8

Issue 3

CONTENTS

ORIGINAL ARTICLES

The Effect of COVID-19 Infection on Heart Rate Variability: A Cross-sectional Study

Fatih Levent, Ahmet Tutuncu, Gokhan Ozmen, Dogan Ormanci, Fahriye Vatansever, Mustafa Ahmet Huyut..... 61

The Relationship between H2FPEF Score and Thrombus Burden in Patients with ST Elevation Myocardial Infarction

Ugur Küçük, Emir Volina 67

Evaluation of the Heart Rate Variability in Cardiogenic Vertigo Patients

Serhat Günlü, Adem Aktan 73

Association of Serum Pleiotrophin Levels with Acute Coronary Syndrome

Funda Başyigit, Orhan Karayigit, Serdar Gökhan Nurkoç, Serkan Duyuler, Pınar Türker Duyuler..... 78

Cardiac Comorbidities Impact on the Outcomes in Severe COVID-19 Infection

Taghreed A. Ahmed, Fadila Mamdouh, Hala Maghraby Sherief, Salwa I. Elshenawy, Mohamed Zahran..... 83

International Journal of the Cardiovascular Academy on Web

<http://www.journalonweb.com/ijca>

The International Journal of the Cardiovascular Academy now accepts articles electronically. It is easy, convenient and fast. Check following steps:

1 Registration

- Register from <http://www.journalonweb.com/ijca> as a new author (Signup as author)
- Two-step self-explanatory process

2 New article submission

- Read instructions on the journal website or download the same from manuscript management site
- Prepare your files (Article file, First page file and Images, Copyright form & Other forms, if any)
- Login as an author
- Click on 'Submit new article' under 'Submissions'
- Follow the steps (guidelines provided while submitting the article)
- On successful submission you will receive an acknowledgement quoting the manuscript ID

3 Tracking the progress

- Login as an author
- The report on the main page gives status of the articles and its due date to move to next phase
- More details can be obtained by clicking on the ManuscriptID
- Comments sent by the editor and reviewer will be available from these pages

4 Submitting a revised article

- Login as an author
- On the main page click on 'Articles for Revision'
- Click on the link "Click here to revise your article" against the required manuscript ID
- Follow the steps (guidelines provided while revising the article)
- Include the reviewers' comments along with the point to point clarifications at the beginning of the revised article file.
- Do not include authors' name in the article file.
- Upload the revised article file against New Article File - Browse, choose your file and then click "Upload" OR Click "Finish"
- On completion of revision process you will be able to check the latest file uploaded from Article Cycle (In Review Articles-> Click on manuscript id -> Latest file will have a number with 'R', for example XXXX_100_15R3.docx)

Facilities

- Submission of new articles with images
- Submission of revised articles
- Checking of proofs
- Track the progress of article until published

Advantages

- Any-time, any-where access
- Faster review
- Cost saving on postage
- No need for hard-copy submission
- Ability to track the progress
- Ease of contacting the journal

Requirements for usage

- Computer and internet connection
- Web-browser (Latest versions - IE, Chrome, Safari, FireFox, Opera)
- Cookies and javascript to be enabled in web-browser

Online submission checklist

- First Page File (rtf/doc/docx file) with title page, covering letter, acknowledgement, etc.
- Article File (rtf/doc/docx file) - text of the article, beginning from Title, Abstract till References (including tables). File size limit 4 MB. Do not include images in this file.
- Images (jpg/jpeg/png/gif/tif/tiff): Submit good quality colour images. Each image should be less than 10 MB in size
- Upload copyright form in .doc / .docx / .pdf / .jpg / .png / .gif format, duly signed by all authors, during the time mentioned in the instructions.

Help

- Check Frequently Asked Questions (FAQs) on the site
- In case of any difficulty contact the editor