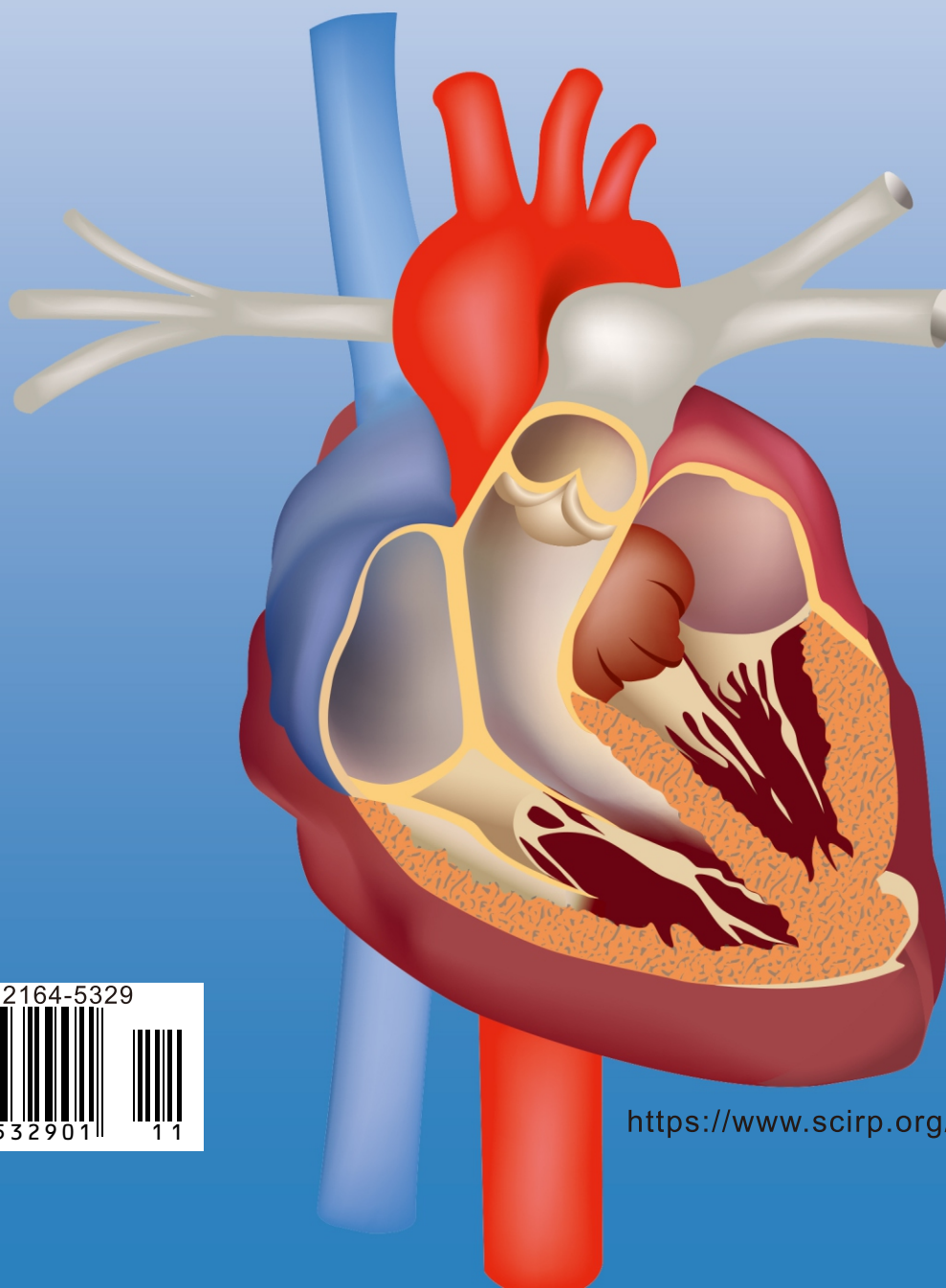


ISSN: 2164-5329 Volume 14, Number 11, November 2024



# World Journal of Cardiovascular Diseases



ISSN: 2164-5329



<https://www.scirp.org/journal/wjcd>

# Journal Editorial Board

ISSN 2164-5329 (Print) ISSN 2164-5337 (Online)

<https://www.scirp.org/journal/wjcd>

---

## Editor-in-Chief

**Prof. Luca Masotti** University of Siena, Italy

## Editorial Board

**Prof. Foad Abd Allah** Cairo University, Egypt  
**Prof. Turgay Celik** Gülhane Military Medical Academy, Türkiye  
**Prof. Osmar A. Centurión** Universidad Nacional de Asunción, Paraguay  
**Dr. Vinod Kumar Chaubey** Conway Medical Center, USA  
**Dr. Dimitrios Farmakis** University of Athens, Greece  
**Prof. Jacob George** Tel Aviv University, Israel  
**Prof. Ehud I. Goldhammer** Technion & Haifa University, Israel  
**Prof. Adam O. Goldstein** University of North Carolina, USA  
**Prof. Esmā R. Isenovic** University of Belgrade, Serbia  
**Prof. Ravishankar Jayadevappa** University of Pennsylvania, USA  
**Dr. Christos S. Katsouras** University of Ioannina, Greece  
**Dr. Aurelio Leone** The University of Pisa, Italy  
**Dr. Gen-Min Lin** Hualien-Armed Forces General Hospital, Chinese Taipei  
**Dr. Vishal Mali** Plato Biopharma, Westminster, Colorado, USA  
**Prof. Anil Kumar Mandal** University of Florida, USA  
**Prof. Alessandro Mauriello** University of Rome Tor Vergata, Italy  
**Dr. Xavier Palomer** University of Barcelona, Spain  
**Dr. Cornel Pater** Pfizer, Sweden  
**Prof. Jeffrey K. Raines** University of Miami, USA  
**Prof. Sibu P. Saha** University of Kentucky, USA  
**Dr. Azarisman Shah Mohd Shah** International Islamic University Malaysia, Malaysia  
**Dr. Refai Showkathali** Apollo Hospital Educational and Research Foundation, India  
**Dr. Boris Z. Simkhovich** Good Samaritan Hospital, USA  
**Dr. Aliakbar Soleimani-Jobaneh** Tehran University of Medical Sciences, Iran  
**Dr. Rajesh Vijayvergiya** Advance Cardiac Centre, India  
**Dr. Shipeng Wei** The Fourth Clinical Hospital of Harbin Medical University, China  
**Dr. Meifeng Xu** University of Cincinnati Medical Center, USA  
**Dr. Zhijiang Zhang** Shanghai Jiao Tong University, China

# Table of Contents

**Volume 14    Number 11**

**November 2024**

**Occlusion with a Vascular Plug of a Congenital Circumflex Coronary Artery—Right Ventricle Fistula with Coronary Steal Phenomenon**

G. H. Acosta-Gutiérrez, C. Ponce-Acosta, R. Cano-Zarate, M. J. Santa-Ana-Bayona,

J. A. Garcia-Montes, N. Espinola-Zavaleta ..... 689

**Acute Left Main Coronary Occlusion Following Transcatheter Aortic Valve Implantation**

A. Abburu, B. Ahmad, A. Masri, D. Nery, S. Rufus ..... 695

**Strategies for Successful Electrical Cardioversion in Atrial Fibrillation**

F. Lahnaoui, A. Hassimi, N. Elgallazi, N. Amlouk, A. Echchenbouli, B. Elboussaadani, Z. Raissouni ..... 701

# World Journal of Cardiovascular Diseases (WJCD)

## Journal Information

### SUBSCRIPTIONS

The *World Journal of Cardiovascular Diseases* (Online at Scientific Research Publishing, <https://www.scirp.org/>) is published monthly by Scientific Research Publishing, Inc., USA.

#### Subscription rates:

Print: \$69 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: [sub@scirp.org](mailto:sub@scirp.org)

### SERVICES

#### Advertisements

Advertisement Sales Department, E-mail: [service@scirp.org](mailto:service@scirp.org)

#### Reprints (minimum quantity 100 copies)

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: [sub@scirp.org](mailto:sub@scirp.org)

### COPYRIGHT

#### Copyright and reuse rights for the front matter of the journal:

Copyright © 2024 by Scientific Research Publishing Inc.

This work is licensed under the Creative Commons Attribution International License (CC BY).

<http://creativecommons.org/licenses/by/4.0/>

#### Copyright for individual papers of the journal:

Copyright © 2024 by author(s) and Scientific Research Publishing Inc.

#### Reuse rights for individual papers:

Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

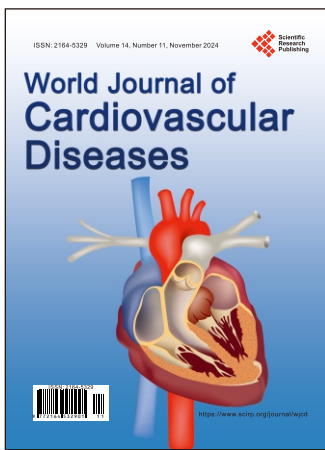
#### Disclaimer of liability

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

### PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact:

E-mail: [wjcd@scirp.org](mailto:wjcd@scirp.org)



**Call for Papers**

# World Journal of Cardiovascular Diseases

ISSN 2164-5329 (Print) ISSN 2164-5337 (Online)  
<https://www.scirp.org/journal/wjcd>

## Editor-in-Chief

**Prof. Luca Masotti**

University of Siena, Italy

## Editorial Board

|                          |                               |                              |                                |
|--------------------------|-------------------------------|------------------------------|--------------------------------|
| Prof. Foad Abd Allah     | Prof. Adam O. Goldstein       | Prof. Anil Kumar Mandal      | Dr. Refai Showkathali          |
| Prof. Turgay Celik       | Prof. Esmâ R. Isenovic        | Prof. Alessandro Mauriello   | Dr. Boris Z. Simkhovich        |
| Prof. Osmar A. Centurion | Prof. Ravishankar Jayadevappa | Dr. Xavier Palomer           | Dr. Aliakbar Soleimani-Jobaneh |
| Dr. Vinod Kumar Chaubey  | Dr. Christos S. Katsouras     | Dr. Cornel Pater             | Dr. Rajesh Vijayvergiya        |
| Dr. Dimitrios Farmakis   | Dr. Aurelio Leone             | Prof. Jeffrey K. Raines      | Dr. Shipeng Wei                |
| Prof. Jacob George       | Dr. Gen-Min Lin               | Prof. Sibup. Saha            | Dr. Meifeng Xu                 |
| Prof. Ehud I. Goldhammer | Dr. Vishal Mali               | Dr. Azarisman Shah Mohd Shah | Dr. Zhijiang Zhang             |

## Subject Coverage

World Journal of Cardiovascular Diseases (WJCD) is an international journal dedicated to the latest advancement of Cardiovascular Diseases. The goal of this journal is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in different areas of Cardiovascular Diseases. All manuscripts must be prepared in English, and are subject to a rigorous and fair peer-review process. Accepted papers will immediately appear online followed by printed hard copy.

- Cardiac Arrhythmias
- Cardiac Rehabilitation
- Cardiomyopathies
- Cardiosurgery
- Cardiovascular Diseases and Nursing
- Cardiovascular Diseases and Risk Factors
- Cardiovascular Transplantation
- Cor Pulmonale
- Coronary Heart Disease
- Endocarditis
- Genetic and Molecular Bases of Cardiovascular Diseases
- Heart Failure and Cardiac Shock
- Hypertensive Heart Disease
- Inflammatory Heart and Vascular Diseases
- Myocarditis
- Pericardial Diseases
- Peripheral Arterial Diseases
- Stroke and Cerebrovascular Disease
- Thrombosis and Haemostasis
- Valvular Heart Disease
- Venous Thromboembolism

We are also interested in short papers (letters) that clearly address a specific problem, and short survey or position papers that sketch the results or problems on a specific topic. Authors of selected short papers would be invited to write a regular paper on the same topic for future issues of the WJCD.

## Notes for Intending Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. Paper submission will be handled electronically through the website. All papers are refereed through a peer review process. For more details about the submissions, please access the website.

## Website and E-Mail

<https://www.scirp.org/journal/wjcd> E-mail: [wjcd@scirp.org](mailto:wjcd@scirp.org)

## ***What is SCIRP?***

Scientific Research Publishing (SCIRP) is one of the largest Open Access journal publishers. It is currently publishing more than 200 open access, online, peer-reviewed journals covering a wide range of academic disciplines. SCIRP serves the worldwide academic communities and contributes to the progress and application of science with its publication.

## ***What is Open Access?***

All original research papers published by SCIRP are made freely and permanently accessible online immediately upon publication. To be able to provide open access journals, SCIRP defrays operation costs from authors and subscription charges only for its printed version. Open access publishing allows an immediate, worldwide, barrier-free, open access to the full text of research papers, which is in the best interests of the scientific community.

- High visibility for maximum global exposure with open access publishing model
- Rigorous peer review of research papers
- Prompt faster publication with less cost
- Guaranteed targeted, multidisciplinary audience



**Scientific  
Research  
Publishing**

**Website: <https://www.scirp.org>**

**Subscription: [sub@scirp.org](mailto:sub@scirp.org)**

**Advertisement: [service@scirp.org](mailto:service@scirp.org)**