



## Advances in Clinical Application of Echocardiography: Volume II

Guest Editors:

**Dr. Francesca Bursi**

Division of Cardiology,  
Cardiorespiratory Department,  
ASST Santi Paolo e Carlo,  
Department of Health Sciences,  
San Paolo Hospital, University of  
Milan, Via A. di Rudini, 8, 20142,  
Milan, Italy

**Dr. Giovanni Benfari**

Section of Cardiology,  
Department of Medicine,  
University of Verona, 37129  
Verona, Italy

Deadline for manuscript  
submissions:

**20 June 2024**

### Message from the Guest Editors

Echocardiography remains the cornerstone imaging technique due to its unparalleled availability, rapidity, portability, and real-time capabilities. In the last decades, there has been a wide development of novel applications. These methods provided important pathophysiological insights in the anatomical and functional quantification of ventricles, atria and valves. However, we believe that the last advance of echocardiography, in most recent years, is the gradual implementation and expanded application of these sophisticated techniques into busy echocardiography laboratory clinical practices. The emerging artificial intelligence (AI), especially machine learning. The COVID-19 pandemic highlighted the importance of extending the use of echocardiography, especially with miniaturization to other specialties and clinical settings. This Special Issue will include but not limited to speckle tracking imaging, left ventricular and atrial function, 3D echocardiography, valve disease quantification, left ventricular geometry, artificial intelligence application, POCUS and stress echocardiography, especially when focusing on their clinical application in medical practice.





an Open Access Journal by MDPI

## Editors-in-Chief

**Prof. Dr. Emmanuel Andrès**

Internal Medicine Department,  
University Hospital Strasbourg,  
67000 Strasbourg, France

**Prof. Dr. Kent Doi**

Department of Acute Care  
Medicine, University of Tokyo,  
Tokyo, Japan

## Message from the Editorial Board

There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's (JCM)* staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPUS / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (*Medicine, General & Internal*) / CiteScore - Q1 (*General Medicine*)

## Contact Us

*Journal of Clinical Medicine* Editorial  
Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/jcm](http://mdpi.com/journal/jcm)  
[jcm@mdpi.com](mailto:jcm@mdpi.com)  
[X@JCM\\_MDPI](https://twitter.com/JCM_MDPI)