Special Issue

Advances in Clinical Application of Echocardiography

Message from the Guest Editors

Echocardiography remains the cornerstone imaging technique due to its unparalled 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.

Guest Editors

Dr. Francesca Bursi

Department of Health Science, University of Milan, Cardiology Division, San Paolo Hospital, ASST Santi Paolo e Carlo, 20142 Milano, Italy

Dr. Giovanni Benfari

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

Deadline for manuscript submissions

closed (20 April 2022)

Journal of Clinical Medicine

About the Journal

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!

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

Author Benefits

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

Journal Rank:
JCR - Q1 (Medicine, General and Internal) / CiteScore - Q1 (General Medicine)

Rapid Publication:
manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.7 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).