

Special Issue

Cardiovascular Computed Tomography in Clinical Practice

Message from the Guest Editors

During the last 20 years, cardiac computed tomography (CCT) has emerged as a technique that can provide crucial diagnostic and prognostic information in different clinical scenarios. CCT is now recommended by the international scientific society as a key tool in patients with acute and chronic coronary artery disease (CAD). Moreover, recent developments such as the study of myocardial perfusion and fractional flow reserve have transformed CCT into a one-stop test able to offer all the anatomical and functional information to guide the management of patients with CAD. Finally, there is increasing evidence that CCT can be used for tissue characterization with remarkable clinical value, including the assessment of ischemic and non-ischemic cardiomyopathies.

This Special Issue aims to discuss the potential and challenges of new and established clinical applications of cardiovascular CT.

- cardiac computed tomography (CCT)
- coronary artery disease
- structural heart disease
- congenital heart disease
- atherosclerosis
- plaque composition
- pericoronary fat inflammation
- ischemic and non-ischemic cardiomyopathies

Please click [here](#) to find information!

Welcome to contribute!

Guest Editors

Dr. Marco Guglielmo

Dr. Ibrahim Danad

Dr. Saima Mushtaq

Deadline for manuscript submissions

closed (15 July 2023)



Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/143693

Journal of Clinical Medicine
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jcm@mdpi.com

mdpi.com/journal/

jcm





Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



[mdpi.com/journal/
jcm](https://mdpi.com/journal/jcm)



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 Andr  s

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).