

Special Issue

Advances in Anesthesia for Cardiac Surgery

Message from the Guest Editors

More recently, cardiac surgery and cardiac anesthesia have both rapidly evolved after the introduction of minimally invasive cardiac surgery (MICS) and percutaneous and hybrid cardiothoracic procedures (the latter performed mostly outside the operating theatre), involving a multitude of health care professionals. The aim of this Special Issue is to focus on the most relevant and interesting innovations in cardiac anesthesia in the last 5 years. We therefore welcome the submission of original articles or review articles focused on recent scientific evidence in the following fields:

- Minimally invasive cardiac surgery and fast-track anesthesia.
- Ultra-fast-track anesthesia (on-table extubation) and chest wall blocks.
- Opioid-free anesthesia and alternative drug approaches.
- Anesthesia and transcatheter therapies.
- Transesophageal ultrasound in minimally invasive cardiac surgery.
- Recent developments regarding perioperative acute kidney injury.
- Neurologic monitoring and outcomes after cardiac surgery.
- Risk assessment, complications and the impact of pre- and posthabilitation.
- Cardiac anesthesia and patient satisfaction.
- Cardiac anesthesia and machine learning.

Guest Editors

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Deadline for manuscript submissions

closed (30 October 2025)



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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!

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.5 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the second half of 2025).