

Special Issue

Point of Care Sonography, an Essential Tool for Anesthesiology and Acute Care

Message from the Guest Editors

In anesthesiology, ultrasound is growing a portfolio of applications comprising peripheral and central vascular access, and the evaluation of hemodynamics and ventilation as well as gastric volume to prevent aspiration. Virtually all peripheral regional blocks are guided by ultrasound, and even neuraxial blocks are improved by prior planning with ultrasound. In acute care situations, rapid ultrasound markedly improves the diagnosis of life-threatening conditions in critical patients. The initiation of the best therapeutic pathway is accelerated by the bedside ultrasound imaging of the heart, the blood vessels, the lung, and the abdominal organs. This Special Issue aims to highlight novel methods and strategies for advancing the integration of ultrasound tools in daily clinical decision making and the guidance of therapeutic procedures. We welcome both cutting-edge research papers and comprehensive reviews regarding the applications of ultrasound in anesthesiology and acute care.

Guest Editors

Prof. Dr. Stefan U. Weber

Heilig Geist-Krankenhaus Köln & Department of Anesthesiology and Intensive Care Medicine, University Bonn Medical Center, University of Bonn, Bonn, Germany

Dr. Se-Chan Kim

Attending Anesthesiologist, Montefiore Medical Center, Albert Einstein College of Medicine, New York, NY, USA

Deadline for manuscript submissions

1 October 2025



Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/207640

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).