



## Advancements in Acute-Care Point-of-Care Ultrasound

Guest Editor:

**Dr. Lior Fuchs**

Medical Intensive Care Unit,  
Soroka University Medical Center  
and the Faculty of Health  
Sciences, Ben-Gurion University  
of the Negev, Beer-Sheva P.O.Box  
151, Israel

Deadline for manuscript  
submissions:

**closed (15 September 2023)**

### Message from the Guest Editor

Dear Colleagues,

Nowadays, POCUS in acute care has infiltrated many clinical settings, mainly due to technological advancements that improve handheld POCUS-designated machines, enhance imaging quality, reduce machine costs, afford AI-based applications, and offer improved telemedicine usability. This Special Issue aims to provide a comprehensive overview of the advancements in acute-care POCUS technologies, new applications. We would also ask researchers to submit clinical studies that show outcome advantages using acute-care POCUS. Our interests include, but are not limited to, the following:

- Automatic tools for different ultrasonographic measurements, such as real-time automatic EF, cardiac ultrasound views acquisition guidance, automatic stroke volume measurements, etc.;
- AI-based data to improve real-time POCUS performance and reading;
- Clinical studies and reviews in POCUS utilization and impact on patient care, outcomes, or management.





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 Emergency and  
Critical Care Medicine, University  
of Tokyo, Tokyo 113-8655, 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, CAPlus / SciFinder, and other databases.

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

## Contact Us

---

*Journal of Clinical Medicine* Editorial  
Office  
MDPI, Grosspeteranlage 5  
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)