

## Special Issue

# Ultrasound: An Important Tool in Critical Care

### Message from the Guest Editors

Patients in critical care confront significant challenges, including life-threatening organ dysfunction or failure. Ultrasound has risen as a crucial diagnostic tool for managing these patients due to its non-invasive, cost-effective, and real-time imaging capabilities. This special edition of *Diagnostics* will investigate the expanding importance of ultrasound in critical care environments. In this edition, we invite a diverse range of articles, encompassing original research and reviews, authored by experts in the field. Our goal is to address various facets of ultrasound technology, including point-of-care applications, echocardiography, lung, abdominal and cerebrovascular imaging, vascular access, and procedural guidance, with the hope of providing insights into the future impact of artificial intelligence on ultrasound technology. This compilation aims to constitute a comprehensive resource for medical professionals and researchers, presenting insights into the present state and future potential of critical care ultrasound. We aspire to reinforce the value of ultrasound in critical care management and promote ongoing advancements in this vital diagnostic instrument.

### Guest Editors

Dr. Michael Koeppen

Department of Anesthesiology and Intensive Care Medicine, University Hospital Tübingen, Hoppe-Seyler-Straße 3, 72076 Tübingen, Germany

Dr. Christoph Camille Ganter

Institute of Intensive Care Medicine, University Hospital Zurich, 8091 Zurich, Switzerland

### Deadline for manuscript submissions

closed (31 May 2024)



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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[diagnostics@mdpi.com](mailto:diagnostics@mdpi.com)

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### Editor-in-Chief

Prof. Dr. Andreas Kjaer

Department of Clinical Physiology, Nuclear Medicine & PET National  
University Hospital, Rigshospitalet, University of Copenhagen,  
Blegdamsvej 9, DK-2100 Copenhagen, Denmark

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