

Special Issue

Advances in Echocardiography for Critical Care Management: Challenges and Innovations

Message from the Guest Editors

The integration of echocardiography in ICU settings has revolutionized critical care by providing rapid, non-invasive insights into cardiovascular function, aiding diagnosis and management. This Special Issue aims to explore advancements, challenges and innovative applications of echocardiography for managing critically ill patients. We welcome original research articles and comprehensive reviews on topics including, but not limited to, the following:

- Hemodynamic monitoring and assessment in ICU;
- Emerging technologies, such as 3D echocardiography and artificial intelligence in echocardiography;
- The role of echocardiography in guiding interventions, including fluid management and mechanical support.

We look forward to receiving your contributions.

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You are invited to contribute a research article or a comprehensive review for consideration and publication in *Medicina* (ISSN: 1648-9144). *Medicina* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on medicine. The scientific community and the general public can access the content free of charge as soon as it is published.

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