



Advances in Echocardiography and Its Clinical Applications

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Deadline for manuscript
submissions:

31 December 2024

Message from the Guest Editor

Thanks to its wide availability, relatively low cost, non-invasive nature, rapidity of execution, and portability, echocardiography remains the pivotal imaging technique for the diagnosis and management of most cardiovascular diseases and is most commonly used as procedural guidance.

Over the last few decades, novel echocardiographic modalities, including contrast echocardiography, speckle tracking imaging, three-dimensional echocardiography, and intracardiac flow dynamics, have been developed with the aim of providing new insights into the pathophysiological mechanisms underlying cardiovascular diseases. This scenario of advances in echocardiography also includes automatic and semi-automatic artificial intelligence algorithms, which support the operator in optimizing image quality and taking measurements.

In this Special Issue of the Journal of Clinical Medicine, we welcome authors to submit papers on advances in echocardiography in terms of diagnosis, risk stratification, and the management of cardiovascular disease.





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