

Special Issue

Clinical Updates on Application of Echocardiography

Message from the Guest Editor

Clinical echocardiography is rapidly evolving—from 2D morphology to quantitative, multimodal, and interventional guidance. Advances in speckle-tracking strain (including myocardial work), 3D/4D imaging, contrast and stress protocols, point-of-care ultrasound, and AI-enabled analytics now enhance diagnosis, risk stratification, and procedural success across valvular, coronary, cardiomyopathic, congenital, and critical-care settings. This Special Issue aims to showcase clinically impactful echocardiography that solves practical problems and reduces uncertainty at the bedside. In this Special Issue, we welcome authors to submit papers to assemble studies that close these gaps in terms of both diagnosis and treatment. Topics of interest include, but are not limited to, the following:

- AI in recognition and risk stratification of aortic valve stenosis (the same for mitral regurgitation or pulmonary hypertension);
- Four-chamber global longitudinal strain in valve disease;
- Plaque morphology versus stress-induced ischemia for risk stratification and therapeutic decision;
- Clinical versus echo and choice between SAVR and TAVR.

Guest Editor

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Deadline for manuscript submissions

20 July 2026



Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/261558

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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!

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