Special Issue

Aortic Stenosis: Pathophysiological Mechanism, Multimodality Imaging, and Contemporary Treatment

Message from the Guest Editors

Aortic stenosis is the most common acquired valvular disease in developed nations and a major cause of morbidity and mortality worldwide. The last two decades have seen transformative advances in both the diagnostic and therapeutic landscapes. Echocardiography remains the cornerstone of diagnosis, while cardiac CT and cardiac MRI have expanded the possibilities for risk stratification, structural assessment, and treatment planning. We invite submissions of original research articles, clinical trials, translational studies, and state-of-the-art reviews related to all aspects of AS. Topics of interest include the following:

- Pathophysiological and molecular mechanisms of AS progression;
- Advances in echocardiography, cardiac CT, and cardiac MRI for diagnosis and prognosis;
- Development and validation of risk-stratification models:
- Comparative outcomes of SAVR and TAVR, including durability and long-term follow-up;
- Patient selection strategies and shared decisionmaking tools;
- Emerging pharmacological and interventional therapies;
- Quality of life and global perspectives on AS management.

Guest Editors

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Medicina

an Open Access Journal Published by MDPI

Impact Factor 2.4
CiteScore 4.1
Indexed in PubMed



mdpi.com/si/257436

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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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