

Special Issue

Contemporary Controversies and Evolving Paradigms in Cardiovascular Surgery

Message from the Guest Editor

Cardiovascular surgery continues to evolve rapidly, driven by technological innovations, minimally invasive approaches, and an ever-growing emphasis on personalized medicine. However, several debates remain unresolved, influencing daily clinical practice and long-term patient outcomes. This Special Issue aims to highlight and critically appraise the most pressing controversies in modern cardiovascular surgery. Topics of interest include, but are not limited to, the optimal approach for aortic valve replacement (TAVR vs. SAVR), management of thoracic aortic aneurysms, timing and technique of surgical revascularization in ischemic heart failure, surgical vs. hybrid approaches in aortic arch disease, and the role of mechanical circulatory support in advanced heart failure. We invite original research articles, systematic reviews, expert opinions, and perspectives that explore these contentious areas and propose pathways toward consensus or individualized care. By bringing together diverse viewpoints and the latest evidence, this Special Issue aims to serve as a valuable resource for clinicians, researchers, and policymakers navigating the complexities of cardiovascular surgery today.

Guest Editor

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Editor-in-Chief

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