



Clinical Research on Aortic Valve Replacement

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Message from the Guest Editors

Dear Colleagues,

Aortic disease is the most common valvular heart disease. Additionally, while the number of procedures in Western countries has consistently dropped in favor of transcatheter aortic valve implantation (TAVI), surgical replacement (SAVR) remains the gold standard. The wide range of diseases that can be treated by SAVR (e.g., insufficiency, subvalvular stenosis, endocarditis, bicuspid degeneration, tumor) but also the evidence concerning the long-term outcomes are the main reasons SAVR remains the gold standard of the aortic valve disease. However, continuous efforts seek to minimize the burden of the surgery and to address unresolved issues, such as choice of intervention in patients with bicuspid aortic valve or the possibility to repair the valve, and also how to make TAVI and SAVR complementary and not competitive.

This Special Issue aims to address some of these gaps, including pre-procedural planning, streamlining of procedures, and post-procedural management, to improve clinical outcomes and ensure the best lifetime management for these patients. Both original research contributions and state-of-the-art reviews are welcome.





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