

## Special Issue

# Transcatheter Aortic Valve Implantation and Replacement: Prospects and Challenges

### Message from the Guest Editors

During the last decade, scientific validation of Transcatheter Aortic Valve Implantation (TAVI) has considerably changed the management of patients with symptomatic aortic stenosis. The introduction of new technologies and the evolution of TAVI devices have already expanded current indications and refined clinical outcomes. This Special Issue aims to address emerging challenges and knowledge gaps in the field of TAVI, focusing on expanding clinical indications, optimizing outcomes, and advancing Valve-in-Valve and TAVI-in-TAVI techniques. We are particularly interested in studies that explore TAVI in special populations, investigate long-term durability and patient–prosthesis mismatch, and examine outcomes and decision-making for Valve-in-Valve and complex repeat-TAVI procedures. We welcome the submission of original research, review articles, and real-world data that deepen our understanding of TAVI applications and outcomes. Topics of interest for this Special Issue include patient selection, procedural innovations, technical challenges, and long-term durability.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 July 2025)



## Journal of Clinical Medicine

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