

Special Issue

Minimally Invasive Heart Surgery: 2nd Edition

Message from the Guest Editor

We are experiencing an era of remarkable development in cardiac surgery, with TAVI setting the ball rolling around 20 years ago. This external (percutaneous) pressure has translated into a profound change in everyday cardiac surgery. In 2007, the year before the broader clinical implementation of TAVI, the proportion of minimally invasive aortic valve procedures was minor at less than 5%. It was only after TAVI's use in aortic valve therapies began to increase that progress became necessary. The proportion of minimally invasive aortic valve surgeries was close to 40% in Germany in 2021. This emphasizes the potential of developments that have occurred in the last decade. Today, there are many possibilities, e.g., risk-adjusted hybrid strategies, minimally invasive access routes for valve surgery, CABG, assisted surgery, less invasive cannulation and perfusion strategies, and patient-orientated individualized treatment concepts. This Special Issue welcomes all innovative and future-orientated ideas, whether they are techniques, strategies, or innovative conceptual approaches.

Guest Editor

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Deadline for manuscript submissions

20 October 2025



Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/230688

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