

Special Issue

Current Minimal-Invasive and Transcatheter Treatment Developments in Heart Valve Disease

Message from the Guest Editors

This Special Issue of *Hearts* focuses on minimally invasive and transcatheter-based technologies in the treatment of structural heart diseases. It is a real pleasure to be the guest editor of this Special Issue of *Hearts*. Over the last 15 years, minimally invasive therapies and concepts have been adopted in the cardiovascular field. This was mainly driven by the introduction of transcatheter aortic valve implantation in 2002. Meanwhile, stent technologies have evolved, port-access surgery or percutaneous mitral valve repair has emerged, and transcatheter aortic repair (TEVAR) has been investigated. As a result, such techniques are routine in modern cardiology and cardiac surgery and are therefore widely used. Thanks to these innovative concepts, even younger and low-risk patients were currently treated by such minimally invasive technologies, which have been initially invented to treat older or high-risk patients. Therefore, the present Special Issue aims to provide the readers with an update in this field of treating structural heart diseases by new innovative concepts.

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