

Special Issue

Transcatheter Aortic Valve Implantation (TAVI): 3rd Edition

Message from the Guest Editor

Over the last ten years, transcatheter aortic valve implantation (TAVI) has become an important minimally invasive approach that represents an alternative to standard open-heart cardiac surgery for patients at high surgical risk and suffering from severe symptomatic aortic valve stenosis. Modern cardiac imaging, computational tools, and fusion technologies have become important key factors for the success of TAVI procedures. Similarly, the evolution of TAVI devices has helped to improve hemodynamic results, simplifying the procedural steps and lowering the rate of post-TAVI vascular injury, paravalvular leak, and permanent pacemaker implantation. The aim of the present Special Issue is to provide a clear and modern overview on contemporary trends in TAVI and describe, with technical details and clinical data, the latest results and technologies in use during TAVI and valve-in-valve procedures. We hope that with the help of this Special Issue, modern cardiologists and cardiac surgeons involved in TAVI-dedicated heart teams can easily improve their knowledge by learning about the latest trends in TAVI as presented by experts in the field.

Guest Editor

Prof. Dr. Enrico Ferrari
Cardiac Surgery Department, Cardiocentro Ticino Institute, 6900
Lugano, Switzerland

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jcdd@mdpi.com

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Message from the Editor-in-Chief

The primary goal of the *Journal of Cardiovascular Development and Disease* (JCDD, ISSN 2308-3425) is to provide cardiovascular scientists a platform to publish their work in a quick and efficient way. Topics can range from studies designed to decipher the events underlying early heart development to studies focusing on the origins of congenital and acquired heart disease. Papers submitted to *JCDD* undergo a fast, yet thorough, peer-review process. In this process, we will apply strict ethical policies and standards. *JCDD* guarantees fast dissemination of results to a large scientific audience.

Editor-in-Chief

Prof. Dr. Thomas Brand
National Heart & Lung Institute, Imperial College London, South
Kensington Campus, London SW7 2AZ, UK

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