

Special Issue

Novel Surgical Strategy for Aortic Valve Surgery

Message from the Guest Editors

Since the early 1950s, continuous progress in aortic valve surgery has steadily improved results. The journey began with aortic valvulotomy, leading to contemporary sophisticated surgical approaches. Aortic valve sparing procedures, complex repair, and aortic valve replacement with the latest-generation bioprosthetic valves using minimally invasive surgical techniques and transcatheter aortic valve replacement/implantation have all become part of the armamentarium.

Technological improvements, coupled with advancements in pharmacology, biomaterials, surgical instruments, cardiopulmonary bypass management, cardiac anesthesia techniques, cardiology guidelines, cardiac surgical approaches, perioperative critical care management, and postoperative rehabilitation have been decisive in the continuous evolution of aortic valve surgery. The aim of this Special Issue is to provide the readers with a broad sampling of the spectrum of aortic valve surgery, ranging from repair and replacement innovations, conventional and minimally invasive surgical approaches.....

For more information, please kindly click below link:
<https://www.mdpi.com/si/73091>

Guest Editors

Prof. Dr. Francesco Formica

Department of Medicine and Surgery, University of Parma, Cardiac Surgery Clinic, Parma General Hospital, Viale Gramsci 14, 43126 Parma, Italy

Prof. Dr. Gurmeet Singh

Departments of Critical Care Medicine and Surgery, University of Alberta, Edmonton, AB, Canada

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

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