

Special Issue

New Perspectives in Cardiothoracic Surgery

Message from the Guest Editors

The field of cardiothoracic surgery has seen tremendous growth in recent years. Technological advancements have enabled the integration of off-pump CABG, miniaturized CPB circuits, and hybrid revascularization approaches in the armamentarium of practicing cardiac surgeons. Compelling evidence demonstrates the reproducibility, safety, and efficacy of minimally invasive cardiac surgery. Once thought to be unamenable to reparative surgery, aortic valve disease has promoted revolutionized treatment, with a broad application and standardization of valve-sparing aortic root replacement procedures, Ozaki technique, and more. Percutaneous approaches, including TAVI and MitraClip, have found application in the care of high-risk patients with structural heart disease. Endovascular techniques have a fast-expanding role in patients with aortic aneurysms and dissections. In this ever-changing landscape, residency and fellowship programs must strive to equip the next generation of cardiothoracic surgeons with a versatile skill set that includes open, minimally invasive, and transcatheter expertise. Welcome to contribute!

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