



Cardiothoracic Surgery: State of the Art and Future Perspectives

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Message from the Guest Editor

Cardiothoracic surgery deals with some of the most important disease states faced by humanity. The efforts to improve the longevity for those who suffer from coronary artery disease, aortic aneurysms, lung failure, lung cancer, and esophageal cancer have given surgeons the opportunity to be on the cutting edge of our greatest medical advances. The last three decades have seen the introduction and adoption of minimally invasive techniques, robotic-assisted procedures, artificial-intelligence-assisted diagnostics, immunotherapeutic treatments, and biomarker-based risk assessment, among others. The rate of advance is staggering, and the next decade will likely usher in the ability to drastically improve our diagnostic and therapeutic capabilities. This Special Issue of the *Journal of Clinical Medicine*, “Cardiothoracic Surgery: State of the Art and Future Perspectives”, highlights the most recent advances in the field as related to the diagnosis and treatment of disease states faced by cardiothoracic surgeons.





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