Special Issue

Innovations and Challenges in Thoracic Surgery: Present and Future Directions

Message from the Guest Editors

The field of thoracic surgery is undergoing a dynamic transformation through technological innovation, refined perioperative care, and integration into multimodal oncologic strategies. Minimally invasive approaches such as VATS and robotic-assisted surgery, combined with Enhanced Recovery After Surgery (ERAS) protocols, have increasingly become standard, improving outcomes and reducing morbidity.

This Special Issue aims to highlight the current status of thoracic surgery and to anticipate the future directions it may take. We welcome original research, reviews, and expert perspectives on advances in surgical techniques, perioperative pathways, oncologic outcomes, patient selection, and multidisciplinary collaboration.

We especially encourage contributions addressing surgery in complex or comorbid patients, the integration of systemic therapies, and long-term follow-up data that will shape clinical decision-making.

We look forward to receiving your valuable submissions that will help to define the next chapter in thoracic surgical care.

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