

Special Issue

Current Challenges and Future Directions in Lung Resections in Thoracic Surgery

Message from the Guest Editors

The evolution in the practice of thoracic surgery has been astonishing during the last decade. Many new technologies and modalities have been rolled out to everyday practice, constituting surgical treatment possible in more patients and in pathologies that previously were not amenable to treatment. Some examples include the utilization of robotic platforms in minimally invasive approaches, the evolution of lung volume reduction interventions in the form of surgery, valves, or hybrid procedures, the increasing performance of sublobar anatomical lung resections in lung resections, the implementation of screening services for lung cancer, the utilization of artificial intelligence in the research and clinical practice of thoracic surgeons, the application of 3D reconstructions and marking of lesions in lung resections, the implementation of targeted therapy as multimodal treatment in lung cancer, and many others. We welcome authors to submit manuscripts that provide a comprehensive connection between present challenges and future directions in thoracic surgery with the implementation of the abovementioned evolutionary new developments within the specialty.

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