Special Issue

Surgery for Lung Cancer: Robot-Assisted Versus Video-Assisted Thoracoscopic Surgery and Open Thoracotomy

Message from the Guest Editor

Robotic thoracic surgery is a minimally invasive surgery of the lung and chest cavity using the daVinci robotic system (Intuitive Surgical, Inc). DaVinci does not operate on its own; it transfers the precise motions of surgeon's hands to small tools located on the ends of robot arms, which become inserted through small holes into the chest cavity during surgery. The surgeon is able to perform difficult operations completely within the patient's chest cavity. Previously, a large incision and spreading of the ribs was required during such surgical procedures. DaVinci offers the surgeon more advantages than earlier methods of minimally invasive techniques, namely VATS (video-assisted thoracic surgery), i.e., greater precision, broad range of motion, and better visualization. Robotic thoracic surgery is a surgical procedure performed through small port incisions without the painful rib spreading. This Special Issue welcomes submissions in a form of original research papers, authoritative and up-to-date reviews, and commentaries. I look forward to your submissions.

Guest Editor

Dr. Mariusz Chabowski

Department of Surgical Clinical Sciences, Faculty of Medicine, Wroclaw University of Science and Technology, Wroclaw, Poland

Deadline for manuscript submissions

31 January 2026

MDPI

About the Journal

Message from the Editor-in-Chief

Cancers is an international online journal addressing both clinical and basic science issues related to cancer research. The journal is publishing in Open Access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

Editor-in-Chief

Prof. Dr. Samuel C. Mok
Department of Gynecologic Oncology and Reproductive Medicine, The University of Texas MD Anderson Cancer Center, Houston, TX 77030, USA

Author Benefits

Open Access:
free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:
indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:
JCR - Q2 (Oncology) / CiteScore - Q1 (Oncology)