



Current Trends and Future Challenges in Thoracic Anesthesia

Guest Editors:

Prof. Dr. Manuel Granell Gil

Prof. Dr. Izumi Kawagoe

Prof. Dr. Edmond Cohen

Deadline for manuscript
submissions:
closed (31 October 2024)

Message from the Guest Editors

Advances in thoracic surgery have been facilitated by improvements in anaesthetic techniques and perioperative care. This has evolved from knowledge based on evidence-based medicine to **personalised and precision medicine**.

Methods of airway management include **lung isolation and separation** techniques checked by fibroscope or orotracheal tubes or double-lumen tubes with built-in camera permitting to reduce the incidence of intraoperative hypoxaemia and tracheobronchial tree damage.

Lung protective ventilation has become especially important during thoracic surgery, both during one-lung and two-lung ventilation. These techniques have been based on tidal volume adjustments, optimal PEEP, and alveolar recruitment manoeuvres, always limiting airway pressures to acceptable values.

Analgesia methods are based on **locoregional techniques** adapted to the type of surgical approach; today, techniques such as **paravertebral block and erector spinae block** allow a faster and safer recovery. Of course, **chronic pain** is a particularly relevant aspect associated with this surgical speciality.





an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Emmanuel Andrès

Internal Medicine Department,
University Hospital Strasbourg,
67081 Strasbourg, France

Prof. Dr. Kent Doi

Department of Emergency and
Critical Care Medicine, The
University of Tokyo, Tokyo, Japan

Message from the Editorial Board

There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's (JCM)* staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

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, CAPus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Medicine, General and Internal) / CiteScore - Q1 (General Medicine)

Contact Us

Journal of Clinical Medicine Editorial
Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/jcm
jcm@mdpi.com
[X@JCM_MDPI](https://twitter.com/JCM_MDPI)