

Special Issue

Advancements in Lumbar Spine Surgery: Modern Strategies and Techniques

Message from the Guest Editors

Lumbar spine surgery addresses degenerative conditions such as disc disease, stenosis, facet arthrosis, and deformities often extending into the thoracic spine. When conservative care fails or neurological deficits develop, surgery—including decompression, fusion, deformity correction, and motion preservation—is essential. This Special Issue invites submissions on topics including:

- Minimally invasive surgery (MIS)
- Endoscopic techniques
- Fusion strategies and instrumentation
- Motion preservation procedures
- Deformity correction in lumbar and thoracolumbar spine
- Robotics, navigation, and artificial intelligence
- Multidisciplinary perioperative management

We welcome original research, reviews, and clinical cases advancing diagnostics, surgical innovation, and postoperative care. Your contributions will help enhance outcomes and drive progress in lumbar spine surgery.

Guest Editors

Prof. Dr. Christian von der Brelie

Department of Neurosurgery, University Medical Center Göttingen, Göttingen, Germany

Dr. Frank Beyer

Hospital Porz am Rhein, Cologne, Germany

Deadline for manuscript submissions

31 March 2026



Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



mdpi.com/si/250583

Journal of Clinical Medicine
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jcm@mdpi.com

mdpi.com/journal/

jcm





Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.2
Indexed in PubMed



[mdpi.com/journal/
jcm](https://mdpi.com/journal/jcm)



About the Journal

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!

Editors-in-Chief

Prof. Dr. Emmanuel Andr  s

Internal Medicine Department, University Hospital Strasbourg, 67000
Strasbourg, France

Prof. Dr. Kent Doi

Department of Acute Care Medicine, University of Tokyo, Tokyo, Japan

Author Benefits

High Visibility:

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

Journal Rank:

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

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.7 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).