

Special Issue

Minimally Invasive Spine Surgery: Evidence, Advances and Controversies

Message from the Guest Editors

The progress of minimally invasive spine surgery (MISS), with the wide range of techniques now applied worldwide, has transformed the field of spine surgery over the decades. Since its introduction in the late 20th century, MISS has evolved from tubular decompressions to endoscopic and robotic-assisted spinal procedures, while the therapeutic indications of MISS have expanded widely.

Despite the widespread adoption of MISS and the availability of several established and popular techniques, many important questions and controversies remain to be addressed. For example, key areas of ongoing debate include the learning curve and long-term clinical outcomes compared with conventional open surgery. Moreover, recent developments such as endoscopic lumbar interbody fusion, robotic-assisted navigation, augmented reality, and artificial intelligence-based planning are expected to further expand the possibilities of MISS.

In this Special Issue, we invite authors to submit original research and comprehensive review articles on advances and controversies in MISS, aiming to provide new insights to the scientific community and to propose directions for future research.

Guest Editors

Dr. Miltiadis Georgiopoulos

Prof. Dr. Constantine Constantoyannis

Dr. Mark A. MacLean

Dr. Oliver Lasry

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

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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!

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