

Special Issue

Neurosurgery for Brain or Spine Tumors: Recent Technical Advances

Message from the Guest Editors

This Special Issue, "Neurosurgery for Brain or Spine Tumors: Recent Technical Advances", aims to explore the latest innovations and techniques in neurosurgical treatments for brain and spine tumors. With rapid advancements in technology and surgical methods, this issue will highlight key developments such as minimally invasive procedures, robot-assisted surgeries, and the integration of intraoperative imaging and neuro-navigation systems. It will also focus on the evolving role of precision medicine, genetic and molecular profiling, and novel therapeutic strategies like immunotherapy in the management of brain and spine tumors. Despite technological breakthroughs in these areas, challenges persist in ensuring optimal patient outcomes. This Special Issue seeks to bring together original research, reviews, and case studies to further our understanding of these techniques, their clinical applications, and their impact on survival and quality of life for patients with brain and spine tumors.

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