



Spinal Tumors

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Message from the Guest Editors

In recent years, information has been accumulating about the diagnostics and treatment of spinal tumors—not only with regard to surgical treatment but also other treatment modalities such as chemotherapy, proton beam, and stereotactic irradiation. In the surgical field, novel methods have also evolved, offering more safe and maximal resections of tumors and allowing improved oncologic and functional outcomes. One example is complex en bloc spondylectomy including resection of neighboring anatomical structures, such as the ribs, lungs, and vessels, and advances in intra-operative monitoring and imaging techniques allowing improved resection of intramedullary tumors.

Furthermore, modified treatment protocols for the treatment of spinal sarcomas have facilitated tumor reduction prior to surgery, enabling complete resection and thus improving patient outcome. Further translational and clinical studies are needed to discover new treatment options.





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