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Recent Updates in Geriatric Spine Surgery

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Message from the Guest Editors

Dear Colleagues,

As human life expectancy is continuously increasing, the medical need to treat spine problems in the elderly population is also increasing. However, it is believed that spine surgery in elderly patients can cause more frequent complications than in younger patients. Also, elderly patients often suffer from several problems, such as poor bone quality or comorbidities, hindering favorable surgical outcomes. To improve surgical outcomes and reduce complications, these problems should be considered and assessed preoperatively and managed peri-/postoperatively.

Recently, other potential risk factors have emerged, including sarcopenia, frailty, or malnutrition, as well as traditional risk factors, which have been studied in geriatric fields. Therefore, preoperative optimization cannot be overemphasized. Also, minimally invasive spine surgery is attracting much attention in surgical fields.

We invite any papers related to geriatric spine surgery, including case series, retrospective or prospective clinical studies, systematic reviews, and meta-analyses. Valuable editorials and expert review articles are also welcome.



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Special Issue



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