



## Lumbar Spine Surgery: Causes, Complications, and Management 2nd Edition

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### Message from the Guest Editors

The lumbar spine plays a very important role for humans, who walk on two legs, such as acquiring spinal support, protecting cauda equina nerves, and maintaining mobility. Lumbar spinal diseases are common and lead to substantial morbidity as well as a loss of productivity in society. Despite progress in the investigation of the causes of lumbar spinal disease, it is still unclear. We feel the need to go one step further from past research. Further research would be desirable to establish breakthrough discoveries and treatments for lumbar spinal disorders. Firstly, we would like to expect many reports from various fields, such as image analysis research using AI (artificial intelligence), tractography, CT/MRI fusion imaging, and whole-body bone X-rays. Next, we are looking forward to submissions on surgeries using new techniques, minimally invasive surgery, robotic surgeries, and treatment methods for rare lumbar spinal diseases, which have been developed in recent years. Studies to prevent postoperative complications in the lumbar spine are also recommended.





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