

Special Issue

Updates on Lumbar Spine Surgery for Degenerative Diseases

Message from the Guest Editor

Over the years, lumbar spine surgery has evolved considerably, predominantly classified into decompressive and fusion surgeries. Decompressive surgery encompasses traditional techniques such as microscopic laminectomy, laminotomy, and discectomy. However, endoscopic surgery has recently gained increasing popularity among surgeons due to its minimally invasive nature, and its indications have expanded from disc herniation to stenosis. Similarly, fusion surgery has experienced significant advancements. Minimally invasive techniques, including TLIF, OLIF, and MI-ALIF, have been introduced, and developments in fusion biology have substantially impacted surgical outcomes. Additionally, the importance of sagittal alignment in lumbar spine surgery has been increasingly recognized, not only in long-segment fusion surgeries but also in short-segment fusion procedures. Achieving proper sagittal alignment is essential for optimizing surgical results. We invite submissions on a wide range of topics within lumbar spine surgery, from endoscopic procedures to deformity correction.

Guest Editor

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