

A NEW ERA IN SPINE SURGERY

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We are excited to present this special edition of the Coluna/Columna Journal, dedicated exclusively to Spine Endoscopy. In recent years, significant advances in this field have revolutionized the treatment of various spinal pathologies. The endoscopic technique has emerged as a minimally invasive alternative, offering undeniable benefits to patients and opening new horizons for medical practice.

Spine Endoscopy represents a paradigm shift in surgical approach. Procedures that once required large incisions and lengthy recovery times can now be performed through small access points, minimizing trauma to surrounding tissues. As a result, patients experience less postoperative pain, recover more quickly, and return to their daily activities sooner. The reduction in surgical complications, combined with shorter hospital stays, contributes to a more efficient recovery process for both patients and the healthcare system. These positive outcomes inspire us to further explore the technique's potential and to overcome existing challenges.

Another essential aspect of endoscopic surgery is its flexibility. This technique not only addresses degenerative spine conditions but also allows for personalized approaches tailored to the unique anatomical features of each patient and the complexities of individual cases. This special edition features a collection of unique case reports treated with endoscopic techniques, alongside crucial anatomical foundations for the safe practice of Spine Endoscopy.

We believe that disseminating knowledge is vital for establishing Spine Endoscopy as a standard tool in the treatment of spinal diseases. We invite all readers to engage with this rich and inspiring content, with the hope that it will stimulate curiosity, research, and the adoption of practices that continually benefit patients.

We are entering a new era in spinal surgery, marked by innovation and an unwavering commitment to excellence. May this pioneering spirit guide our journey, and together, let us build a promising future for Brazilian medicine.

Good reading!

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2. Kotheeranurak V, Liawrungrueang W, Quillo-Olvera J, et al. Full-Endoscopic Lumbar Discectomy Approach Selection: A Systematic Review and Proposed Algorithm. *Spine (Phila Pa 1976).* 2023;48(8):534-544. doi:10.1097/BRS.0000000000004589
3. Oral Presentations. *Global Spine J.* 2024;14(4_suppl):4S-207S. doi:10.1177/21925682241239498
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