

1. Record Nr.	UNINA9910794075703321
Titolo	Atlas of full-endoscopic spine surgery // Christoph P. Hofstetter, Sebastian Reutten, Yue Zhou, Michael Y. Wang, editors
Pubbl/distr/stampa	New York : , : Thieme, , [2020] ©2020
ISBN	1-63853-630-9 1-68420-024-5
Descrizione fisica	1 online resource (162 pages) : illustrations
Disciplina	617.56059
Soggetti	Spine - Surgery Spine - Endoscopic surgery Atlas
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Anesthesia and rapid recovery / G. Gamian Brusko and Michael Y. Wang -- Radiation safety in full-endoscopic spine surgery / Lynn McGrath and Christoph P. Hofstetter -- Essential imaging in full-endoscopic spine surgery / Daniel Carr and Christoph P. Hofstetter -- Intraoperative navigation for full-endoscopic spine surgery / Yue Zhou -- Endoscopic instruments / Saqib Hasan and Christoph P. Hofstetter -- Operating room setup : the basics / Saqib Hasan and Christoph P. Hofstetter -- Applied anatomy for full-endoscopic spine surgery / Daniel Carr and Christoph P. Hofstetter -- Principles of full-endoscopic surgical technique / Christoph P. Hofstetter -- Essential tasks of full-endoscopic spine surgery / Christoph P. Hofstetter -- Preoperative diagnostic workup / Daniel Carr and Christoph P. Hofstetter -- Interlaminar endoscopic lateral recess decompression / Christoph P. Hofstetter -- Interlaminar endoscopic lumbar discectomy / Lynn McGrath and Christoph P. Hofstetter -- Interlaminar contralateral endoscopic lumbar foraminotomy / Christoph P. Hofstetter -- Lumbar endoscopic unilateral laminotomy for bilateral decompression / Saqib Hasan and Christoph P. Hofstetter -- Endoscopic extraforaminal lumbar discectomy / Christoph P. Hofstetter -- Transforaminal

endoscopic lumbar discectomy / Christoph P. Hofstetter -- Trans-superior articular process endoscopic lumbar approach / Christoph P. Hofstetter -- Transforaminal endoscopic lumbar interbody fusion / Michael Y. Wang -- Transforaminal endoscopic thoracic discectomy / Christoph P. Hofstetter -- Anterior endoscopic cervical discectomy / J. N. Alastair Gibson -- Posterior endoscopic cervical foraminotomy / Christoph P. Hofstetter -- Cervical endoscopic unilateral laminotomy for bilateral decompression / Daniel Carr and Christoph P. Hofstetter -- Adapting full-endoscopic technique for challenging cases / Christoph P. Hofstetter -- Endoscopic revision surgery / Ralf Wagner and Christoph P. Hofstetter -- Complications associated with full-endoscopic spine surgery / Jun Ho Lee and Christoph P. Hofstetter -- Perioperative care in full-endoscopic spine surgery / Lynn McGrath and Christoph P. Hofstetter.

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## Sommario/riassunto

"Pocket-sized resource presents endoscopic spine surgery essentials from expert spine surgeons Atlas of Full-Endoscopic Spine Surgery by internationally renowned spine surgeons Christoph P. Hofstetter, Sebastian Ruetten, Yue Zhou, and Michael Y. Wang provides concise, step-by-step guidance on the latest full endoscopic spine procedures. The book is targeted at practicing spine surgeons, fellows, and residents currently not trained in endoscopic spine surgery who have the desire to learn and incorporate these techniques into clinical practice. It is also an excellent curriculum resource for cadaveric training courses taught at the national and international level. The book lays a solid foundation with opening chapters on anesthesia, OR setup and endoscopic tools, applied anatomy, basic endoscopic surgical tasks, and preoperative diagnostics. Additional sections include step-by-step descriptions of the full spectrum of cervical, thoracic, and lumbar endoscopic approaches. The last section provides invaluable pearls on overcoming challenges, avoiding pitfalls, and optimizing postoperative care. Key Features Transforaminal endoscopic lumbar and thoracic discectomy approaches Trans-SAP endoscopic approach for foraminal and lateral recess decompression Interlaminar endoscopic lumbar discectomy Cervical/thoracic and lumbar unilateral laminotomy for bilateral decompression Special topics including endoscopic management of challenging cases, endoscopic revision surgery, and management of complications. Neurosurgery residents, fellows, young practicing neurosurgeons, and all healthcare practitioners involved in the care of endoscopic spine surgery patients will gain invaluable insights from this book. Christoph P. Hofstetter, MD, PhD, is Associate Professor, Department of Neurological Surgery, University of Washington Medical Center, Seattle, Washington. Sebastian Ruetten, MD, is Attending Spine Surgeon, Center for Spine Surgery and Pain Therapy, Center for Orthopaedics and Traumatology of the St. Elisabeth Group, St. Anna Hospital Herne, University of Witten/Herdecke, Herne, Germany. Yue Zhou, MD, PhD, is Professor, Department of Orthopedics, Xinqiao Hospital, Army Medical University, Chongqing, China. Michael Y. Wang, MD, FACS, is Professor, Departments of Neurosurgery and Rehab Medicine, University of Miami School of Medicine, Miami, Florida"

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