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Titolo	Spondylolisthesis : Diagnosis, Non-Surgical Management, and Surgical Techniques // edited by Adam L. Wollowick, Vishal Sarwahi
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Section I: Basic Principles, Diagnosis, and Non-surgical Management -- Spondylolisthesis: A Historical Perspective on Etiology, Diagnosis, and Treatment -- Anatomy and Biomechanics Relevant to Spondylolisthesis -- Pain Generators in Spondylolisthesis -- Clinical Evaluation of Pediatric Patients with Spondylolisthesis.-Clinical Evaluation of Adult Patients with Spondylolisthesis -- Imaging Techniques for the Diagnosis of Spondylolisthesis -- Classification of Spondylolisthesis -- Role of the Pelvis in the Diagnosis and Management of L5-S1 Spondylolisthesis.-Non-Operative Treatment of Spondylolisthesis -- Non-surgical Management of Spondylolisthesis in Children and Adolescents -- Non-surgical Management of Spondylolisthesis in Adults -- Section II: Surgical Techniques.-Surgical Techniques: Spondylolysis Repair.-Decompression and Spinal Fusion.-Surgical Techniques: Posterior Lumbar Interbody Fusion.-Anterior Lumbar Interbody Fusion (ALIF).-Minimally Invasive TLIF for Adult Spondylolisthesis.-Surgical Technique: Lateral Interbody Fusion for Adult Spondylolisthesis.-Pre-sacral Fusion for Adult Spondylolisthesis.-

Surgical Techniques: Management of High-Grade Spondylolisthesis including Reduction Techniques.-Management of Spondyloptosis.- Management of Traumatic Spondylolisthesis: Cervical and Lumbar.- Spondylolisthesis Associated with Scoliosis.-Section III: Results of Treatment and Complications -- Results of Surgical Treatment of Adult Degenerative Spondylolisthesis -- Results of Surgical Treatment of Low Grade Adult Isthmic Spondylolisthesis.-Results of Surgical Treatment of Pediatric Spondylolysis and Spondylolisthesis.-Complications Associated with Surgical Treatment of Adult Spondylolisthesis.- Complications Associated with Surgical Treatment of Pediatric Spondylolisthesis -- Intraoperative Neuro-monitoring During Spondylolisthesis Surgery.-Value Considerations in the Surgical Management of Spondylolisthesis. Results of Surgical Treatment of Low Grade Adult Isthmic Spondylolisthesis.-Results of Surgical Treatment of Pediatric Spondylolysis and Spondylolisthesis.-Complications Associated with Surgical Treatment of Adult Spondylolisthesis.- Complications Associated with Surgical Treatment of Pediatric Spondylolisthesis -- Intraoperative Neuro-monitoring During Spondylolisthesis Surgery.-Value Considerations in the Surgical Management of Spondylolisthesis. Intraoperative Neuro-monitoring During Spondylolisthesis Surgery.-Value Considerations in the Surgical Management of Spondylolisthesis.

Sommario/riassunto

This comprehensive text is the most current and definitive source for information related to the care of adult and pediatric patients with spondylolisthesis. It contains a complete analysis of this common, yet intricate spinal condition, including basic science, diagnosis, non-surgical management, surgical techniques (including minimally invasive options) and outcomes. The management of the various types of spondylolisthesis requires a thorough understanding of both fundamental principles and subtle nuances, which are highlighted here in three sections. Part I details the basic principles, diagnosis and non-surgical management of spondylolisthesis, including imaging and classification. Part II covers surgical management, including a step-by-step discussion of strategies, techniques and tips that are necessary to apply standard procedures to this specific disorder. Procedures that are covered include decompression, spinal fusion from various approaches, and the latest minimally invasive techniques. Part III discusses the outcomes and complications of surgical treatment. Written and edited by top clinicians in the field, this book will be an invaluable resource for orthopedic and neurological spine surgeons, rehabilitation physicians, residents, fellows, and any caregiver who treats the spine.
