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Nota di contenuto	Part I: Anterior Approaches -- Cranio-cervical approach: transnasal -- Cranio-cervical approach: transoral -- Cranio-cervical approach: transmandibular -- Cranio-cervical approach: transcervical -- Subaxial cervical approach -- Cervico-thoracic approach: manubriotomy, sternotomy -- Anterior thoracic approach: thoracotomy -- Anterior thoracic approach: minimally invasive thoracoscopy, retropleural -- Anterior thoraco-lumbar: thoraco-abdominal -- Anterior lumbar and lumbo-sacral approach: retroperitoneal -- Anterior lumbar and lumbo-sacral approach: transperitoneal -- Part II: Posterior Approaches -- Occipito-cervical approach and stabilization -- Posterior cervical approach and stabilization -- Anterior/anterolateral thoracic access and stabilization from posterior approach: transpedicular, costotransversectomy, lateral extracavitary -- Anterior/anterolateral thoracic access and stabilization from posterior approach: costotransversectomy, lateral extracavitary approaches, en bloc resection -- Anterior/anterolateral thoracic access and stabilization from posterior approach: transpedicular, costotransversectomy, lateral extracavitary -- Posterior decompression and fusion (thoracic and lumbar): Separation surgery plus radiation -- Minimally invasive stabilization alone (thoracic and lumbar): Cement augmentation --

Minimally invasive stabilization alone (thoracic and lumbar):
percutaneous pedicle screw stabilization -- Posterior lumbar and sacral approach and stabilization: intralesional lumbar resection -- Posterior lumbar and sacral approach and stabilization: lumbar en bloc resection -- Sacral and pelvic approach and stabilization: intralesional sacrectomy -- Sacral and pelvic approach and stabilization: en bloc sacrectomy -- Part III: Intradural Approaches -- Intradural extramedullary tumor: cervical -- Intradural extramedullary tumor: thoracic -- Intradural extramedullary tumor: lumbar -- Intradural intramedullary tumor -- Minimally invasive intradural tumor.

Sommario/riassunto

This practical, step-wise text covers the surgical approaches, resection strategies and reconstruction techniques used for each type of presenting tumor of the spine. Demonstrating the variety of anterior, posterior and intradural approaches and stabilization techniques, and spanning from pathologies of the craniocervical region to sacral and intradural pathologies, each chapter is generously illustrated with figures, radiographs and intraoperative photos. The chapters themselves follow a consistent and user-friendly format: the anatomy and biomechanics of a specific region, patient evaluation, essential oncologic principles, the decision-making process, and technical steps of surgery. A representative case illustration is provided at the conclusion of each chapter, exemplifying pertinent concepts described. Additionally, video segments accompany selected chapters, providing real-time illustration of surgical techniques. Technical and in-depth, yet highly accessible, *Spinal Tumor Surgery: A Case-Based Approach* is an essential resource for orthopedic spine surgeons, neurosurgeons, and surgical oncologists operating on tumors of the spine.
