



Spinal Cord and Spinal Column Tumors

Principles and Practice

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Description

This text covers the state-of-the-art techniques for diagnosing and managing tumors of the spine and spinal cord. From the fundamentals of spinal cord anatomy and the pathology of spinal tumors, to the evaluation, diagnosis, and treatment techniques for specific spinal tumors, this is the only comprehensive text devoted to managing tumors both surgically and non-surgically. You'll find the latest information on surgical approaches for resection, reconstruction, decompression, and internal stabilization for tumors of the spine, spinal cord, and peripheral nerves. The book also covers such treatments as systemic and intrathecal chemotherapy, embolization techniques, external beam radiation therapy, brachytherapy, and stereotactic radiosurgery.

Special features:

- ▶ More than 700 high quality illustrations, including 369 in brilliant four color, illuminate concepts in pathology and surgical technique
- ▶ Full review of the basic science of tumors of the spinal cord and nerves aids the comprehension of pathology and indications for treatment
- ▶ Step-by-step instruction guides the clinician through operative approaches, including decompression of tumors, en bloc resection of primary spinal tumors, reconstruction of the spine, spinal fixation and more
- ▶ Discussion of the current algorithm techniques to manage metastatic spinal disease

This book will benefit established neurosurgeons, orthopedic surgeons, and residents requiring a complete text on current techniques in managing tumors of the spine and spinal column.

