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Titolo	Spine Surgery Basics / / edited by Vikas V. Patel, Alpesh Patel, James S. Harrop, Evalina Burger
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Descrizione fisica	1 online resource (565 p.)
Disciplina	617.47 617.471059
Soggetti	Orthopedic surgery Nervous system - Surgery Medical care Surgical Orthopedics Neurosurgery Health Care
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	General: Anatomy -- Physical Exam: Cervical -- Physical Exam: Lumbosacral -- Imaging Basics (basics of anatomy on radiographic imaging plus bone scans, DEXA, etc.) -- Diagnostic Evaluations (injections, EMG, etc) -- General Surgical Principles (guidelines for informed consent, patient positioning for surgery, equipment needed, post operative considerations) -- Surgical Approaches -- Cervical and Thoracic Instrumentation -- Lumbar and Lumbosacral Instrumentation -- Bone graft and Bone Substitute Biology -- Neuromonitoring. Degenerative Spine: Cervical Disc Herniation and Radiculopathy -- Cervical Stenosis and Myelopathy -- Thoracic Disc Herniation -- Lumbar Disc Herniation -- Lumbar Spinal Stenosis -- Lumbar Degenerative Spondylolisthesis -- Spondylolysis and Isthmic spondylolisthesis -- Degenerative Disc Disease with and without Facet Arthritis -- Degenerative Spinal Scoliosis/Deformity. Pediatric Spine: Scoliosis -- Kyphosis -- Congenital -- Spondylolysis and Isthmic Spondylolisthesis -- Spondylolysis and Isthmic Spondylolisthesis --

Occipital and Upper cervical spine (Occ-C2) -- Sub-axial cervical spine (C2-C7) -- Thoracolumbar spine (T1-L2) -- Low lumbar spine (L3-L5) -- Sacral spine and pelvis -- Acute Spinal Cord Injury, Tumor, Infection, Inflammatory and Metabolic Conditions: Primary spine tumors -- Primary spine tumors -- Metastatic spine tumors -- Primary spine infections -- Intradural spine tumors -- Rheumatoid Arthritis -- Ankylosing Spondylitis and DISH -- Osteoporosis and the Aging Spine. Complications: Postoperative Infection -- Dural tear -- Neurological injury -- Pseudarthrosis/Nonunion -- Pseudarthrosis/Nonunion -- Medical complications (VTE, Pneumonia, Cardiac Disease, Mortality).

Sommario/riassunto

Spine surgery has increasingly become a surgical field of its own, with a distinct body of knowledge. While available textbooks cover the intricacies of spine surgery and provide extensive information on each pathology, these books are not geared towards the requirements of the novice and are insufficiently portable for the busy resident to carry while on rounds or on call. This easy-to-use book, written by acknowledged experts, is designed to meet such needs by providing essential information on spine pathology, diagnostic evaluation, surgical procedures, and other treatments. After an opening general section, degenerative spinal disease, pediatric spine conditions, spine trauma, spine tumors, infections, inflammatory disorders, and metabolic conditions are all discussed in more depth. Alongside description and evaluation of surgical options, important background information is included on pathology, presentation, diagnosis, and nonsurgical treatments. Potential complications of surgery are also carefully considered. Spine Surgery Basics will be an invaluable practical aid for all who are embarking on a career in spinal surgery or require a ready reference that can be consulted during everyday clinical practice.