

1. Record Nr.	UNINA9910369944803321
Titolo	The Resident's Guide to Spine Surgery // edited by Joseph R. O'Brien, S. Bobby Kalantar, Doniel Drazin, Faheem A. Sandhu
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-20847-8
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (358 pages)
Disciplina	617.56059
Soggetti	Orthopedics Nervous system - Surgery Orthopaedics Neurosurgery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	ACDF set up and approach and decompression -- Cervical Corpectomy -- Cervical Arthroplasty -- Posterior Cervical Set up -- Posterior Cervical Fusion surgery Occiput to C2 -- Posterior Cervical Laminectomy and Fusion Surgery C3-C7 -- Cervical Laminoplasty -- Posterior cervical discectomy/foraminotomy (MIS) -- Thoracic Posterior Instrumentation without scoliosis -- Thoracic Posterior Instrumentation with Scoliosis -- Anterior Thoracic Decompression and Fusion (Minimally Invasive) -- Thoracic corpectomy -- Transpedicular thoracic discectomy -- Lumbar Microdiscectomy -- Far lateral lumbar discectomy (MIS) -- Lumbar Open TLIF with screws -- Lumbar corpectomy -- Lumbar Minimally Invasive TLIF -- Lumbar Lateral Interbody Fusion L3-4, L4-5 -- Lumbar Lateral Interbody Fusion L1-2, L2-3 -- Lumbar Oblique Interbody Fusion -- Anterior Lumbar Interbody Fusion -- Anterior Lumbar Disc Replacement -- Lateral Lumbar Interbody Fusion for Lumbar Scoliosis -- Percutaneous Lumbar Screws -- Percutaneous Iliac and S2Al Fixation -- Anterior Odontoid Screw tips and Tricks -- Navigation in spine surgery -- Cerebrospinal fluid leak repair -- Sacroiliac Joint fusion -- Biologics and Healing of Fusion -- Infections (surgical strategies) -- Revision Lumbar decompression strategies -- Revision pedicle screw strategies --

Revision cervical strategies revision surgeries -- Metastatic tumor stabilization -- Intradural tumor resection -- Closed and open reduction techniques for cervical fractures. .

Sommario/riassunto

With an emphasis on set-up and execution and lessons learned from expert practitioners, this concise, practical guide for residents and fellows presents the essentials for both common and complex spine surgery. Proceeding anatomically from the cervical to the sacroiliac, and including chapters on spinal tumors, infection and revision surgery, nearly 40 different procedures are highlighted, from corpectomy, arthroplasty and laminectomy to percutaneous screws, decompression and fusion. Chapters include all the information a resident will need to know: indications and contraindications, imaging and diagnosis, OR set-up and instrumentation selection, the specific operative technique, post-operative protocols, and clinical pearls and pitfalls. Radiographs and full-color intraoperative photographs accompany each procedure. Whether suturing dura or performing a lateral interbody fusion, spinal surgery is a technical pursuit, and having a firm grasp of the details can ultimately determine the procedure's success. Written and edited by veterans in orthopedic surgery and neurosurgery, The Resident's Guide to Spine Surgery is just the detailed, user-friendly resource for up-and-coming clinicians looking to develop and expand their surgical expertise. .
