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Titolo	Spinal Osteotomy / / edited by Yan Wang, Oheneba Boachie-Adjei, Lawrence Lenke
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ISBN	94-017-8038-2
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (274 p.)
Disciplina	610 616.7 617.47 617.48
Soggetti	Orthopedic surgery Orthopedics Nervous system - Surgery Surgical Orthopedics Orthopaedics Neurosurgery
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.
Nota di contenuto	History of spine osteotomy -- Clinical and radiographic evaluation -- How to determine the levels of osteotomy -- Indications for spinal osteotomy -- Anesthesia for spine osteotomy surgery -- History of Spinal Osteotomy for Thoraco-Lumbar Kyphosis in Ankylosing Spondylitis -- Smith-Peterson osteotomy and Ponte osteotomy -- Pedicle Subtraction Osteotomy (PSO) -- Posterior Vertebral Column Resection (VCR) for Complex Spinal Deformities -- Posterior vertebral column decancellation -- Hemivertebrae Excision: Technique for Congenital Spine Deformity -- The Management of Thoracolumbar Kyphotic Deformity in Ankylosing Spondylitis -- Rod Link Reducer Posterior System for Vertebral Column Resection: A Porcine Model -- Proximal and Distal Junctional Fixation Technique -- Optimizing Safety in Spinal Deformity Surgery -- Outcomes of treatment of severe spinal deformity using spinal Outcomes of Treatment of Severe Spinal Deformity Using Spinal Osteotomy -- Preoperative and Postoperative

Care Including Use of Halo Gravity Traction -- Functional Evaluation of Spinal Osteotomy -- Neurological deficit after spinal osteotomy -- Revision Surgery following Osteotomy -- Important Research Principles in the field of Spinal Osteotomy.

Sommario/riassunto

Spinal osteotomy techniques have been dramatically applied as a standard method for severe and rigid spinal deformity. Although clinical results indicate that patients who undergo osteotomy procedures typically experience well deformity correction and ameliorate the clinical appearance, aggressive peri-operative risks and follow-up complications are not rare. More meticulous and standard indication selection, osteotomy plan design and complication prevention strategy and outcome evaluation are critically needed for surgeon majored in spine deformity. The book Spinal Osteotomy is divided into sections that focus on principles of spinal osteotomy, technical and case illustration and outcomes and complications as well as computer navigation and other latest techniques. Each section is heavily illustrated and clearly written for ease of understanding. Orthopedic surgeons, neurosurgeon residents and fellows who want to focus on spinal deformity correction will find this instructive and invaluable. Editor Yan Wang is a professor and dean of orthopedics department, Chinese PLA general hospital, China. Oheneba Boachie-Adjei, MD, is Chief of the Scoliosis Service, Hospital for Special Surgery, New York, NY, USA. Lawrence G. Lenke MD, is Professor and Chief of the Department of Orthopedic Surgery, Washington University School of Medicine, St. Louis, MO, USA.
