

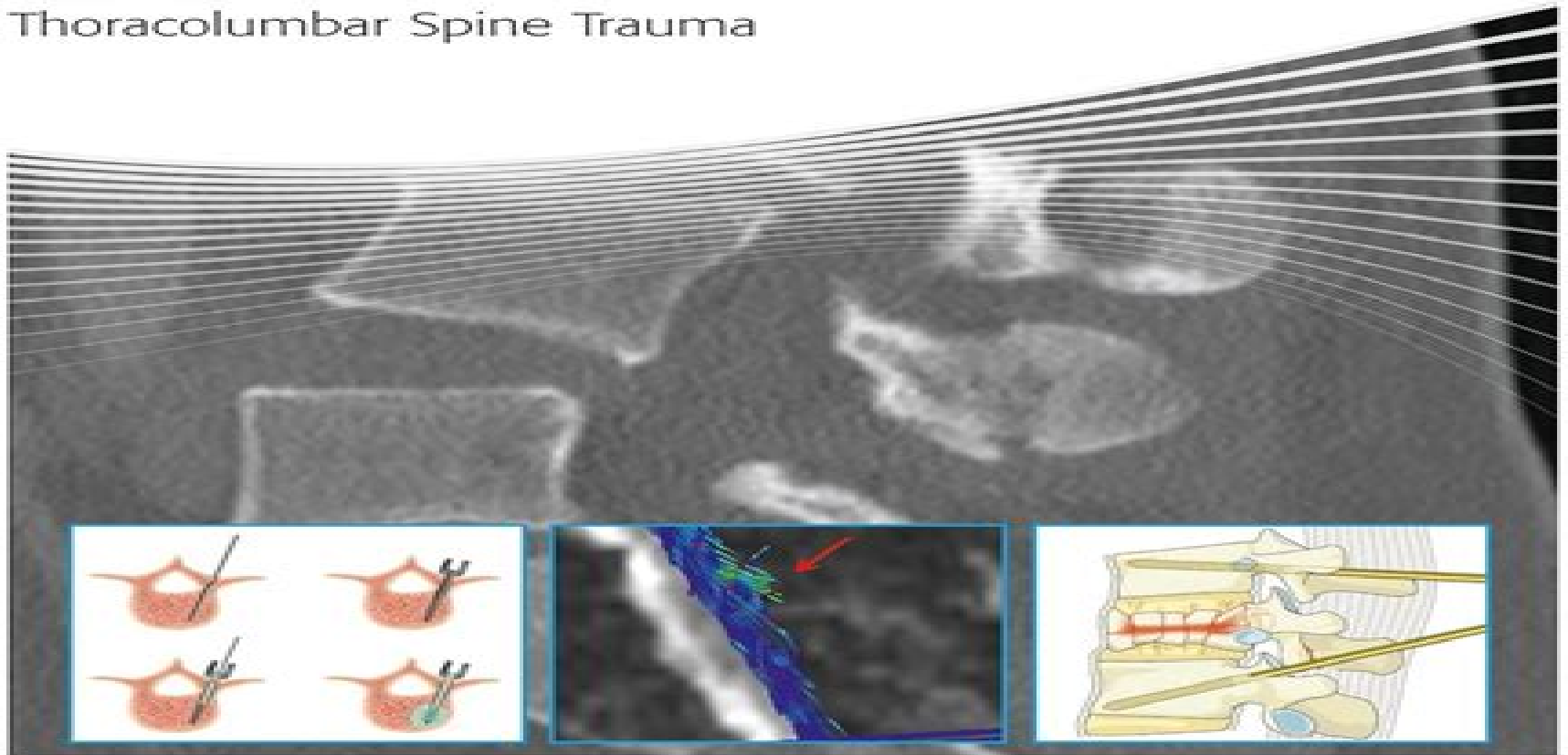
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AOSpine Masters Series

Volume 6

Thoracolumbar Spine Trauma



Aospine Masters Thoracolumbar Spine Trauma

Carlo Bellabarba, Frank Kandziora

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to older adulthood and contributing factors such as the sacroiliac joints genetics and spine infections Clinical evaluation treatment options recent research advances and future perspectives are systematically examined and presented in a clear format With commentary from leading authorities this compendium presents candid discussion of significant challenges faced by clinicians who treat back pain Among the issues addressed are managing patients who have undergone multiple operations chronic back pain failed spine surgery and what to do when all nonsurgical and surgical options have been exhausted Key Highlights Economic considerations risk factors and legal aspects Neurological causes including myopathies neuromuscular disease Parkinson disease and dystonia Conservative treatment options such as drugs physiotherapy and complementary medicine The role of minimally invasive surgery in treating degenerative lumbar spine disease Must read bibliographic references in every chapter Bullet lists of pearls and pitfalls summarize critical points and key concepts The AOSpine Masters series a copublication of Thieme and the AOSpine Foundation addresses current clinical issues featuring international masters sharing their expertise in the core areas in the field The goal of the series is to contribute to an evolving dynamic model of evidence based approach to spine care *AOSpine Masters Series, Volume 4: Adult Spinal Deformities* Lawrence G Lenke,Kenneth Cheung,2015-06-15 In this fourth volume of the AOSpine Masters Series experts from around the world share their strategies for managing the most common adult spinal deformities This book gives clinicians the guidance they need to make the right treatment decisions and provide the best care for their patients Chapter topics include osteotomies for rigid spinal deformities postoperative coronal decompensation in adult deformity and biomechanics and material science for deformity correction Key Features The issues of patient selection outcomes and complications along with all the essential preoperative and intraoperative factors are discussed in detail in every chapter Editors are internationally recognized authorities on the management of adult spinal deformities Each chapter includes expert tips and pearls The AOSpine Masters Series a copublication of Thieme and AOSpine a Clinical Division of the AO Foundation addresses current clinical issues whereby international masters of spine share their expertise and recommendations on a particular topic The goal of the series is to contribute to an evolving dynamic model of an evidence based medicine approach to spine care All spine surgeons orthopaedic surgeons and neurosurgeons along with residents and fellows in these areas will find this book to be an excellent reference that they will consult often in their treatment of patients with cervical spine injuries *AOSpine Masters Series, Volume 9: Pediatric Spinal Deformities* Sigurd H Berven,Marinus de Kleuver,2017-09-01 An estimated 9 million children every year are affected by pediatric spinal deformities encompassing a broad spectrum of pathologies New classification systems innovative imaging modalities and advances in surgical techniques have contributed to a continually evolving evidence based treatment paradigm Patient variables such as the age of onset severity course of deformity progression as well as the availability of technology pose individualized challenges AOSpine Masters Series Volume 9 Pediatric Spinal Deformity is a concise yet comprehensive review of fundamental surgical and

nonsurgical approaches contemporary issues and treatment obstacles Internationally renowned spine surgeons Luis Roberto Vialle Marinus de Kleuver and Sigurd Berven and a cadre of esteemed contributors deliver a state of the art reference on deformities of the pediatric spine From early childhood to adolescent spine disorders 17 richly illustrated chapters cover diagnosis preoperative evaluation imaging spine surgery interventions non fusion procedures and long term management Key Highlights Overviews on the classification and natural history of early onset scoliosis and adolescent idiopathic scoliosis with subsequent chapters covering non operative management and contemporary surgical techniques Evidence based discussion of long term surgical care outcomes indications for revision surgery and strategies for achieving optimal results Management of congenital and developmental kyphosis lordosis syndromic conditions and low and high grade spondylolisthesis Clinical pearls on spine surgery in the developing world safety issues and complications and the importance of developing outcome metrics The AOSpine Masters series a copublication of Thieme and the AOSpine Foundation addresses current clinical issues featuring international masters sharing their expertise in the core areas in the field The goal of the series is to contribute to an evolving dynamic model of evidence based approach to spine care This outstanding textbook is a must have for spine surgeons in particular those who specialize in treating childhood spine disorders Orthopaedic and neurosurgery residents as well as veteran surgeons with extensive knowledge will find this an indispensable tool for daily practice

AOSpine Masters Series, Volume 10: Spinal Infections S. Rajasekaran, Rishi M.

Kanna, Giuseppe Barbagallo, 2018-06-15 Renowned spine experts share recent advances on the management of spinal infections AOSpine Masters Series Volume 10 Spinal Infections is a concise state of the art review covering all aspects of spinal infections from basic science and epidemiology to fundamental surgical and nonsurgical approaches Internationally renowned spine surgeons Luis Roberto Vialle S Rajasekaran Rishi Kanna Giuseppe Barbagallo and many experts across the world provide clinical pearls and insights gleaned from years of hands on expertise This book provides discussion of underlying pathologies imaging and diagnosis and surgical techniques with a focus on issues specific to children co infection with HIV postoperative problems geriatric patients and pseudoarthrosis Key Highlights Overviews on the epidemiology microbiology and pathology of spinal infections Detailed review of imaging and other investigations Treatment planning and surgical techniques Risk stratification and prevention of post operative infection Pathogenesis clinical features diagnosis and treatment of pyogenic spondylodiscitis in various regions of the spine Clinical pearls on the management of spinal tuberculosis including drug therapy and surgery The AOSpine Masters series a co publication of Thieme and the AOSpine Foundation addresses current clinical issues featuring international masters sharing their expertise in the core areas in the field The goal of the series is to contribute to an evidence based approach to spine care This textbook is essential reading for all spine surgeons Orthopaedic and neurosurgery residents as well as veteran surgeons will find this a useful tool for daily practice

AOSpine Masters Series, Volume 2: Primary Spinal Tumors Ziya L. Gokaslan, Charles G Fisher, Stefano

Boriani,2014-11-22 An evidence based guide to managing primary tumors of the spine This second volume in the AOSpine Masters Series balances critical appraisal of current evidence in spine oncology with the opinions of experienced spine surgeons to create a unique clinical reference for spine oncology surgeons The book provides expert guidance to help clinicians make the right treatment decisions and provide the best care for their patients The chapters have been written and researched by key leaders in spine oncology and range from general evaluation staging and decision making principles to histology specific oncologic patient management Key Features Editors are internationally recognized authorities on the treatment of primary spine tumors Synthesizes the best available evidence and consensus expert advice on primary spine tumors leading to optimal clinical recommendations Each chapter includes clinical pearls tips on complication avoidance and top 5 must read references The AOSpine Masters Series a co publication of Thieme and the AOSpine Foundation addresses current clinical issues whereby international masters of spine share their expertise and recommendations on a particular topic The goal of the series is to contribute to an evolving dynamic model of an evidence based medicine approach to spine care All neurosurgeons orthopedic surgeons neuro oncologists and orthopedic oncologists specializing in spine along with residents and fellows in these areas will find this book to be an excellent resource that they will often refer to in their treatment of patients with primary tumors of the spine Master Techniques in Orthopaedic Surgery: The Spine Albert J. Todd,Thomas A. Zdeblick,2022-11-21 Part of the highly regarded Master Techniques in Orthopaedic Surgery series The Spine Fourth Edition is a concise lavishly illustrated reference covering the most advanced successful surgical techniques for the spine all in step by step detail Edited by Drs Todd J Albert and Thomas A Zdeblick this fully revised edition presents the preferred techniques of surgical masters illustrated with sequential surgeon s eye view intraoperative photographs as well as superb drawings by noted medical illustrators New contributing authors and new and rewritten chapters keep you fully up to date with recent changes in the field **Oxford Handbook of Orthopaedics & Trauma** ,2025-10-29 Up to date and practically focused the revised 2nd edition of the Oxford Handbook of Trauma and Orthopaedics has received a major refresh including new topics illustrations and references It provides clinical professionals and students key information for use with patients in the operating room and in tutorials Presenting both the fundamental science and practice alongside higher level discussion in a succinct and user friendly style It is a concise but definitive guide to the field Key illustrations and easy reference diagrams guide the reader and the appendices provide information on common drugs and fracture classifications Written by specialists and trainees the Handbook is an accessible and informative tool suitable for all levels of training

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