



Spinal Deformity

A Guide to Surgical Planning and Management

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Description

The challenge of treating complex spinal deformity often demands innovative solutions and greater skill than the initial surgical intervention; strategic planning is the critical element in successful surgical execution and outcome.

SPINAL DEFORMITY: A GUIDE TO SURGICAL PLANNING AND MANAGEMENT

, edited and written by the leading experts, is a landmark publication that provides critical information needed to safely plan, stage, and execute operations for the full range of complex spinal deformities.

A VIRTUAL GOLD MINE OF INFORMATION

This book is an invaluable and practical tool for managing spinal deformities in your practice. Organized into four parts, it begins with a focus on recent advances in spine technology, starting with biomechanics, deformity classification, conservative management, and surgical indications. Subsequent chapters discuss technologic innovations, including spinal biologics, image guidance, and minimally invasive approaches for anterior and posterior spinal fusion. This introductory section is essential reading for the surgeon learning basic technique as well as for the experienced surgeon seeking to refine and enhance skills.

The remaining parts focus on state-of-the-art surgical techniques for treating spinal deformity in the cervical spine, the thoracic spine, and the lumbosacral spine. Specific chapters have also been included on managing deformities at the cervicothoracic, thoracolumbar, and lumbosacropelvic junctions. In addition, both open and minimally invasive techniques are described. Organized with a consistent format, each technique chapter includes information on indications, planning and assessment,

clinical problem solving, surgical technique, and postoperative care.

A WHO'S WHO OF SPINE SURGERY

The editors, Drs. Mummaneni, Lenke, and Haid; the part editors, Drs. Benzel, Kuklo, Resnick, and Shaffrey; and the contributors are world-renowned both neurosurgeons and orthopedic surgeons who have extensive experience in treating spinal deformity.

ALGORITHMS, SURGICAL PLANS, AND TIPS AND TRICKS AID IN THE DECISION-MAKING PROCESS

Beautifully illustrated with step-by-step surgical technique, this book provides the practical advice, clinical nuances, and learning aids to assist you in the diagnosis and treatment of complex surgical deformities. Numerous imaging modalities are used to demonstrate the preoperative presentation as well as postoperative results. In addition, clinical problem-solving sections with treatment algorithms guide you in selecting the best surgical approach for each patient. Hundreds of case examples demonstrate the excellent results that can be achieved. To enhance the learning experience, an accompanying DVD with operative video is included.

