**Cervical Spine Deformity Surgery**

**TITLE**

Cervical Spine Deformity Surgery

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**MEDIA CONTENT**

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Neurosurgery, Orthopaedics

**LEVEL**

Neurosurgeons; Orthopaedic surgeons; Spine surgeons

**EDITORS**

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**DESCRIPTION**

The first comprehensive book dedicated solely to the evaluation and treatment of cervical spine deformity!

The number of cervical fusion procedures has increased in the U.S. and globally during the last decade, in part due to an aging population and higher incidence of complex cervical problems. Despite advances in the surgical treatment of cervical deformities, few resources detail modern clinical assessment, radiographic evaluation, and surgical approaches. Cervical Spine Deformity Surgery by world-renowned spine surgeons Christopher Ames, K. Daniel Riew, Justin Smith, and Kuniyoshi Abumi fills a void in the literature. It provides a concise, state-of-the-art resource on current cervical deformity knowledge compiled from the literature and recognized masters in the field.

The generously illustrated text begins with a background on the marked health impact of cervical deformity. Opening chapters provide primers on the clinical and radiographic assessment of patients, malalignment and disability scores, and the physical exam. Subsequent chapters detail surgical planning and approaches for a full spectrum of cervical spine conditions, such as semi-rigid and rigid deformities, sagittal deformities, distal junctional kyphosis, congenital cervical deformity, and hemivertebra.

**Key Features**

- Insightful technical nuances and pearls on managing surgical, neurological, and medical complications associated with cervical procedures, as well as risk stratification and patient frailty
- Diverse osteotomies including low grade, uncovertebral joint (anterior view), cervical pedicle subtraction, cervical opening wedge, upper thoracic, C1-2 joint, and cervical pedicle screw fixation
Focused discussion on continuing efforts to create a clinically meaningful comprehensive cervical osteotomy classification system

Neurosurgical and orthopaedic residents and practicing spine surgeons who treat patients with cervical deformities will greatly benefit from consulting this comprehensive and unique resource.


COMPETITION  There is no direct competition on the market.

CONTENTS

Chapter 01: Adult Cervical Spinal Deformity and Comparative Impact on Health
Chapter 02: Global Sagittal Alignment
Chapter 03: Cervical Spine Alignment
Chapter 04: Radiographic Measurement
Chapter 05: Cervical Disability Assessment
Chapter 06: Cervical Malalignment and Disability Scores
Chapter 07: Physical Examination of Cervical Deformity
Chapter 08: Cervical Osteotomy Types
Chapter 09: Technique of Low-Grade Osteotomies for Semi-Rigid Deformities
Chapter 10: Uncovertebral Joint Osteotomy (Anterior Riew Osteotomy) for Correction of Rigid Cervical Spine Deformity
Chapter 11: Cervical Pedicle Subtraction Osteotomy for Correction of Sagittal Deformities
Chapter 12: Cervical Opening Wedge Osteotomy
Chapter 13: Cervical Pedicle Screw Fixation
Chapter 14: Upper Thoracic Osteotomy for Cervical Deformity
Chapter 15: Osteotomy in the Thoracolumbar Spine for Cervical Deformity
Chapter 16: Congenital Cervical Deformity and Hemivertebra
Chapter 17: Risk Stratification and Frailty in Complex Cervical Surgery
Chapter 18: Surgical and Neurological Complications
Chapter 19: Medical Complications
Chapter 20: Relationship of Cervical Spondylotic Myelopathy to Cervical Deformity
Chapter 21: C1-2 Joint Osteotomy and Reduction of Vertical Deformity
Chapter 22: Cervical Deformity Classification
Chapter 23: Distal Junctional Kyphosis and Fusion Level Selection
Chapter 24: Fusion Level Selection in Cervical Deformity