

The book was found

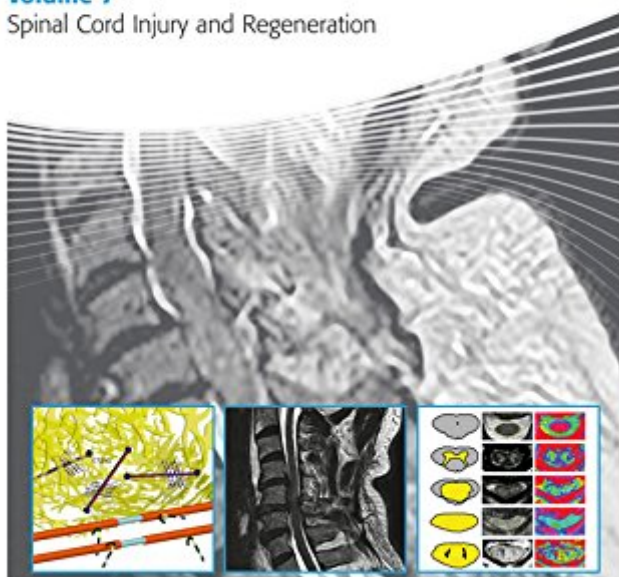
# AOSpine Masters Series, Volume 7: Spinal Cord Injury And Regeneration



Editor: Luiz Roberto Vialle  
Guest editors: Michael G. Fehlings | Norbert Weidner

## AOSpine Masters Series

**Volume 7**  
Spinal Cord Injury and Regeneration



 Thieme



## Synopsis

World-renowned experts share the latest updates in translational research as well as surgical and nonsurgical strategies for treating spinal cord injury. Spinal cord injury (SCI) is a devastating, clinically challenging injury, leading to varying degrees of neurological function impairment and paralysis. Underlying biological mechanisms either inhibit or promote new growth in the spinal cord. Researchers have been making important discoveries about how neurons and their axons grow in the central nervous system and why they fail to regenerate after SCI. Although progress has been steady, there remains an urgent need to address issues in acute management such as early decompression and the use of biologics, as well as potential solutions for regeneration. Written by renowned experts in the ever-evolving field of SCI research and clinical practice, the 7th volume in the AOSpine Masters series is a state-of-the-art compendium on the latest in SCI diagnosis, spine surgery interventions, and long-term management. Each chapter contains pearls from leading spine specialists gleaned from the research laboratory and years of hands-on experience treating SCI patients in the emergency setting and long term. Key Features: Pathobiology, assessment, and diagnostic considerations The use of biomarkers as predictors of functional recovery Surgical and nonsurgical interventions for traumatic SCI The role of neural stem cells and biologics in spinal cord repair Functional and epidural stimulation and brain-computer interfaces

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 essential textbook delivers invaluable insights to spine surgeons, spinal cord injury clinicians and researchers and trainees, from translational researchers to experienced researchers and clinicians experienced in the operative and non-operative management of spinal cord injury.

## Book Information

File Size: 17963 KB

Print Length: 225 pages

Publisher: Thieme; 1 edition (October 30, 2016)

Publication Date: October 30, 2016

Sold by:Â Digital Services LLC

Language: English

ASIN: B01JJ3BLHO

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #1,133,081 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #81

in Kindle Store > Kindle eBooks > Medical eBooks > Specialties > Surgery > Neurosurgery #195

in Kindle Store > Kindle eBooks > Medical eBooks > Specialties > Orthopedics #427 in Books >

Medical Books > Medicine > Surgery > Neurosurgery

[Download to continue reading...](#)

AOSpine Masters Series, Volume 7: Spinal Cord Injury and Regeneration AOSpine Masters Series  
Volume 1: Metastatic Spinal Tumors (Aospine Master Series) Anatomy and Physiology Study  
Guide: Key Review Questions and Answers with Explanations (Volume 3: Nerve Tissue, Spinal  
Nerves & Spinal Cord, Cranial Nerves & Brain, Neural Integrative, Motor & Sensory Systems,  
Autonomic Nervous System, Special Senses) Sensory Mechanisms of the Spinal Cord: Volume 1  
Primary Afferent Neurons and the Spinal Dorsal Horn Back And Neck Sourcebook: Basic Consumer  
Health Information About Spinal Pain, Spinal Cord Injuries, And Related Disorders, Such as  
Degenerative Disk ... Osteoarthritis, S (Health Reference Series) Management of Spinal Cord Injury  
(Jones & Bartlett Series in Nursing) Neurolaw: Brain and spinal cord injuries (Tort and personal  
injury/litigation library) How I Roll: Life, Love, and Work After a Spinal Cord Injury Spinal Cord Injury  
and the Family: A New Guide (Harvard University Press Family Health Guides) (The Harvard  
University Press Family Health Guides) Mayo Clinic Guide to Living with a Spinal Cord Injury Spinal  
Cord Injury Short Cut Instruction Toe Up to 10K: A Journey of Recovery from Spinal Cord Injury  
Perspectives on Long Term Rehabilitation: How I made a better recovery from spinal cord injury  
than anyone expected Lving with Spinal Cord Injury Spinal Cord Injury: A Guide for Living (A Johns  
Hopkins Press Health Book) The Spinal Cord Injury Pain Book Life care planning for spinal cord  
injury: A resource manual for case managers Genesis: A Portrait of Spinal Cord Injury Mayo Clinic's  
Guide to Living With A Spinal Cord Injury Spinal Cord Injury: Functional Rehabilitation

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)