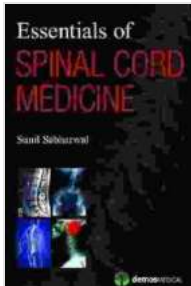


Essentials of Spinal Cord Medicine: An In-Depth Guide to Comprehensive Patient Care



Essentials of Spinal Cord Medicine by Kathrine Switzer

★★★★☆ 4.5 out of 5

Language : English

File size : 16328 KB

Text-to-Speech : Enabled

Screen Reader : Supported

Enhanced typesetting : Enabled

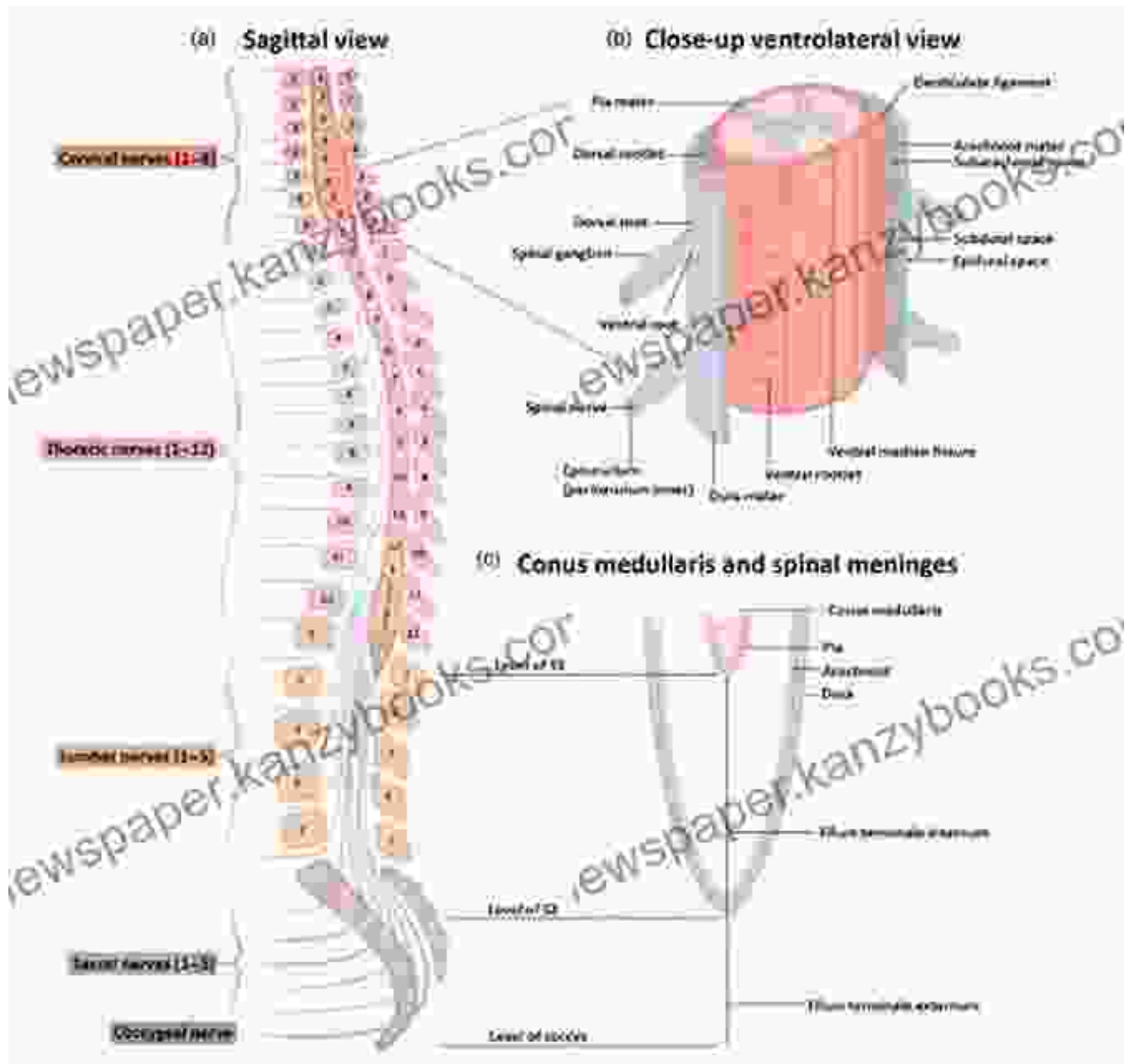
Print length : 737 pages



Spinal cord medicine is a specialized field of medicine that focuses on the diagnosis, treatment, rehabilitation, and management of spinal cord injuries and diseases. This book, "Essentials of Spinal Cord Medicine," provides a comprehensive guide to all aspects of spinal cord medicine, making it an invaluable resource for healthcare professionals, researchers, and patients alike.

Chapter 1: Anatomy and Physiology of the Spinal Cord

The book begins with a thorough overview of the anatomy and physiology of the spinal cord. This chapter discusses the structure, function, and organization of the various components of the spinal cord, as well as the different neural pathways involved in motor, sensory, and autonomic functions.




Chapter 2: Assessment and Diagnosis of Spinal Cord Injuries and Diseases

Chapter 2 covers the assessment and diagnosis of spinal cord injuries and diseases. It provides detailed guidance on conducting a comprehensive neurological examination, interpreting imaging studies, and performing electrodiagnostic tests. The chapter also discusses the different types of

spinal cord injuries and diseases, their causes, and their clinical manifestations.

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Types of Spinal Cord Injuries



Cervical Spine

An injury to this portion of the spine may result in the same complications as damage to the thoracic, lumbar, and sacral, in addition to:

- Loss of function in the arms, wrists, and hands
- Difficulties speaking
- Quadriplegia

Thoracic Spine

Damage to this area may result in all of the complications that accompany lumbar and sacral injuries along with:

- Loss of function in the hips and legs
- Loss of bladder and bowel control
- Loss of sexual function

Lumbar & Sacral Spine

Damage to this area may result in:

- Loss of function in the hips and legs
- Loss of bladder and bowel control
- Loss of sexual function

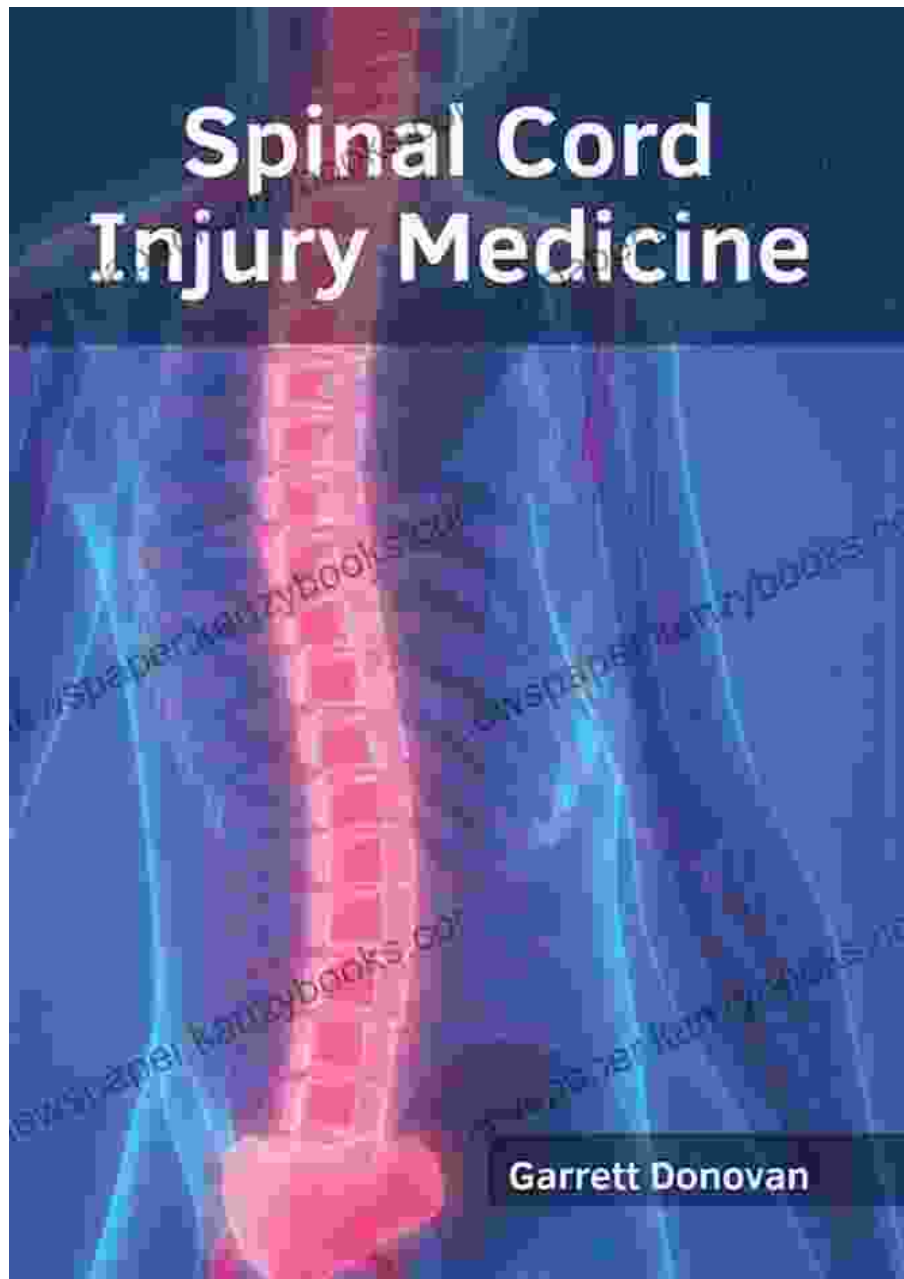
Chapter 3: Emergency Management of Spinal Cord Injuries

Chapter 3 focuses on the emergency management of spinal cord injuries. It provides step-by-step instructions on stabilizing and protecting the spinal cord at the scene of the injury, as well as guidelines for administering

appropriate medications and transporting the patient to a specialized care facility.

Chapter 4: Surgical and Non-Surgical Treatment of Spinal Cord Injuries and Diseases

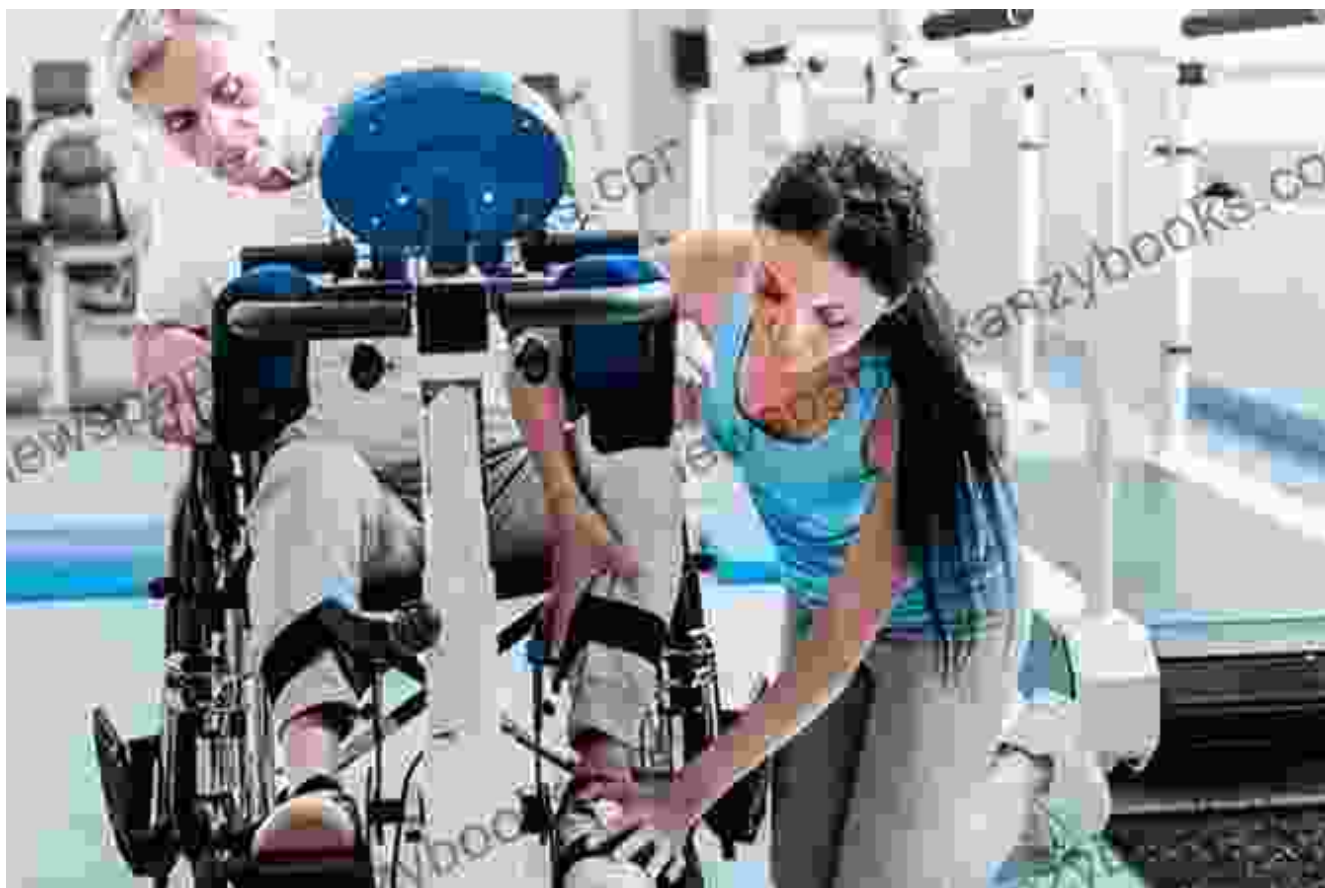
Chapter 4 discusses the different surgical and non-surgical treatment options available for spinal cord injuries and diseases. It provides detailed descriptions of surgical procedures, such as spinal fusion and decompression surgery, as well as non-surgical interventions, such as physical therapy, occupational therapy, and pharmacological management.



Chapter 5: Rehabilitation and Management of Spinal Cord Injuries and Diseases

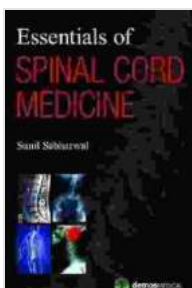
Chapter 5 covers the rehabilitation and management of spinal cord injuries and diseases. It discusses the different phases of rehabilitation, including early intervention, acute rehabilitation, and community reintegration. The chapter also provides guidance on managing complications, promoting

independence, and enhancing the quality of life for individuals with spinal cord injuries and diseases.



Chapter 6: Special Considerations in Spinal Cord Medicine

Chapter 6 addresses special



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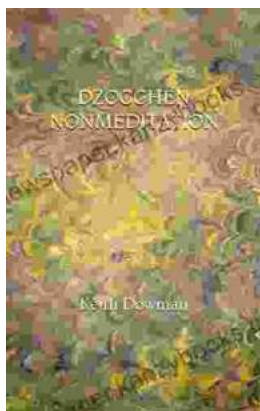
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