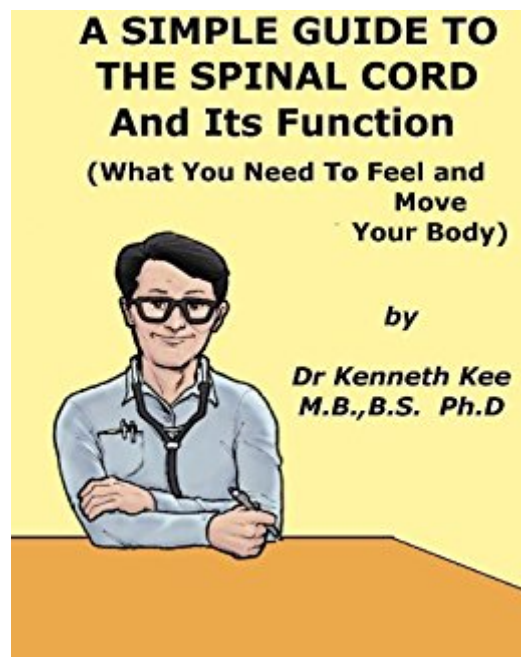




Ebook Directory
the best source of ebook

The book was found

A Simple Guide To The Spinal Cord And Its Function (What You Need To Feel And Move) (A Simple Guide To Medical Conditions)



Synopsis

And brain is controller of all other things, Like seeing greens, yellows, and pink
Involuntary functions, My body performs, Like breathing and beating my heart
And digesting my food, And blinking my eyes, It's really my critical part
To nerves and synapses, Is what it's attached, And then to my spine's, Spinal cord... Without my big brain, I couldn't feel things, At least I could never feel bored! My brain, my brain, I'll say it again, Controls all things I can do, Without my big brain, I wouldn't be me, And really, you couldn't be you
From Mr. R.'s Human Body Poems
"Your spinal cord, on the other hand, feels. The central nervous system pours out from the spinal cord, and with it one feels pain. Pain is the most trustworthy sensation a human being can know because it teaches us what hurts. With the spinal cord, one can hear what will hurt, smell the sting of suffering, taste it, feel it, and see the world with new eyes. I learned a long time ago not to follow my heart, the hunk of meat flexing in the chest. I trust the tube locked up in a column of bone, the tube that shows me what pain is."
• Joshua S. Porter
This was going to be a book on the anatomy and physiology of the Spinal Cord. It still is a book on the Brain and why a human needs a Spinal Cord For the body to Feel and Move. I will try to add some descriptions in simple vernacular words and make it more fun to read.
Interesting facts about the Spinal Cord
The spinal cord is the body's main nerve trunk. The spinal cord is the bundle of nerves running down the middle of the backbone. The spinal cord is the route for all nerve signals traveling between the brain and the body. The spinal cord can actually work independently of the brain, sending out responses to the muscles directly. The outside of the spinal cord is made of the long tails or axons of nerve cells and is called white matter; the inside is made of the main nerve bodies and is called grey matter. It is about as thick as a man's little finger. The spinal cord is about 43 cm long and 1 cm thick. It stops growing when a person is about five years old. It runs down the back from the medulla oblongata, at the base of the brain. It is enclosed in a set of 3 membranes, similar to those surrounding the brain. Between the layers of membranes, Cerebrospinal fluid acts as a cushion, to protect the cord from damage. The total volume of cerebrospinal fluid (CSF) is 125-150 ml. A total of 400-500 ml of cerebrospinal fluid (CSF) is produced every day. Cerebrospinal fluid is normally clear and colorless. Descending pathways are groups of nerves that carry nerve signals down the spinal cord
• typically signals from the brain for muscles to move. Ascending pathways are groups of nerves that carry nerve signals up the spinal cord
• typically signals from the skin and internal body sensors going to the brain. Damage to the spinal cord can cause paralysis. Injuries below the neck can cause paraplegia - paralysis below the waist. Injuries to the neck can cause quadriplegia - paralysis below the neck. Cranial Nerves: 1. Olfactory: - sense of smell 2. Optic: -

sense of sight balance3. Oculomotor: - Focusing, regulating the size of the pupil, balance4.
Trochlear: - movement of the eyeball.5. Trigeminal: - Chewing, sensation from the face6. Abducent:
- movement of eye, sense of taste7. Facial: - movements of facial expression8. Vestibulocochlear: -
maintenance of balance, sense of hearing9. Glossopharyngeal: - secretion of saliva, sense of taste,
movement of pharynx10. Vagus: - movement and secretion11. Accessory: - movement of the head,
shoulders, pharynx and larynx12. Hypoglossal: - movement of tongue.TABLE OF
CONTENTIntroductionChapter 1 The Spinal CordChapter 2 The Spinal Cord FunctionsChapter 3
The Spinal ColumnChapter 4 Protecting the Spinal CordChapter 5 Spinal Cord and Diseases

Book Information

File Size: 333 KB

Print Length: 64 pages

Publication Date: April 28, 2013

Sold by:Ã Â Digital Services LLC

Language: English

ASIN: B00CKUS8F2

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Enabled

Lending: Not Enabled

Screen Reader: Supported

Enhanced Typesetting: Enabled

Best Sellers Rank: #2,750,474 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #82

inÃ Â Books > Health, Fitness & Dieting > Diseases & Physical Ailments > Spinal Cord Injuries

#919 inÃ Â Kindle Store > Kindle eBooks > Health, Fitness & Dieting > Diseases & Physical

Ailments > Nervous System #2732 inÃ Â Books > Health, Fitness & Dieting > Diseases & Physical

Ailments > Nervous System

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

A Simple Guide to The Spinal Cord and Its Function (What You Need To Feel and Move) (A Simple
Guide to Medical Conditions) A Simple Guide to Zinc Deficiency, Its Function and Treatment and
Related Conditions (A Simple Guide to Medical Conditions) Managing Spinal Cord Injury A Guide to
Living Well with Spinal Cord Injury 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) 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) The Wonders of the Colorado Desert (Southern California), Vol. 1 of 2: Its Rivers and Its Mountains, Its Canyons and Its Springs, Its Life and Its ... Journey Made Down the Overflow of the Colo A Simple Guide to Cystic Fibrosis, Treatment and Related Conditions (A Simple Guide to Medical Conditions) A Simple Guide To Chronic Obstructive Lung Disease, Diagnosis, Treatment And Related Conditions (A Simple Guide to Medical Conditions) A Simple Guide To Non-Alcoholic Fatty Liver, Diagnosis, Treatment And Related Conditions (A Simple Guide to Medical Conditions) Logical Chess: Move By Move: Every Move Explained New Algebraic Edition The Spinal cord and its reaction to traumatic injury: Anatomy, physiology, pharmacology, therapeutics (Modern pharmacology-toxicology) 21st Century VA Independent Study Course: Medical Care of Persons with Spinal Cord Injury, Autonomic Nervous System, Symptoms, Treatment, Related Diseases, Motor Neuron Injury, Autonomic Dysreflexia Transplantation of Neural Tissue into the Spinal Cord (Medical Intelligence Unit) Medical Terminology: Medical Terminology Easy Guide for Beginners (Medical Terminology, Anatomy and Physiology, Nursing School, Medical Books, Medical School, Physiology, Physiology) Medical Terminology: Medical Terminology Made Easy: Breakdown the Language of Medicine and Quickly Build Your Medical Vocabulary (Medical Terminology, Nursing School, Medical Books) Beginner's Guide to Sciatica Pain Relief: A Concise Guide to Pain Relief & Spinal Cord Anatomy Spinal Cord Injury and the Family: A New Guide (The Harvard University Press Family Health Guides) Brain & Spinal Cord Injuries: A Guide for Coping with Injuries and Understanding the claiming process Spinal Cord Injury and the Family: A New Guide (Harvard University Press Family Health Guides) (The Harvard University Press Family Health Guides) Spinal Cord Injury and the Family: A New Guide (Harvard University Press Family Health Guides)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)