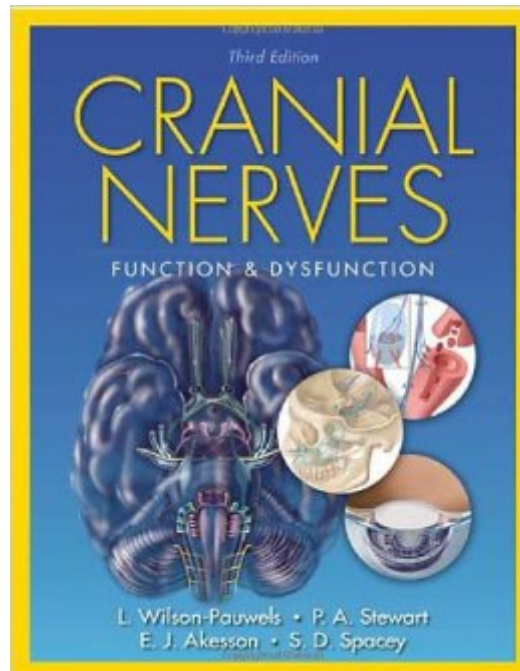


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# Cranial Nerves: Function And Dysfunction, 3e



## Synopsis

Cranial Nerves: Function & Dysfunction 3e presents problem-based learning cases and clinical testing in a visual format. Cranial Nerves 3e targets students studying neuroanatomy and gross anatomy for the first time across the health sciences. The text guides users through pertinent information and color-coded functional drawings of the pathways/modalities from the periphery of the body to the brain (sensory input) and from the brain to the periphery (motor output). Each pathway is described according to the direction of the nerve impulse, not according to the embryologic outgrowth of the nerve. Cranial Nerves: Function & Dysfunction 3e separates the nerve fiber modalities, thereby highlighting important clinical aspects of each nerve.

## Book Information

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## Customer Reviews

I own at least six books dedicated to cranial nerves (including Thieme and some that are out of print) and dozens of clinical neuroscience titles (such as Blumenfeld, which does a very good job on this topic). This one by Wilson-Pauwels is the best of them all for integrating the anatomy and function of the cranial nerves. The illustrations, and there are several for each nerve, combine the best advantages of schematic and topographic anatomy. Important synapses are shown within the context of surrounding structures of the skull base. There are no radiographic images, but MRI would add little to understanding the functional anatomy of the nerves at either the medical student or resident level. This book does the best job of clarifying the topographic relationships of brainstem nuclei -- among the most difficult areas to visualize -- and this provides an excellent foundation for

anyone pursuing fellowship-level clinical training. There are also interesting comparisons made to non-human primates. The illustrations are all original and beautiful, with consistent use of color coding for the six functional divisions and much more important detail than I've seen in other books. For example, the olfactory nerve has five anatomical illustrations and the facial nerve has over a dozen illustrating the divisions of the nerve, afferent and efferent axons, peripheral ganglia, functional areas of the cerebral cortex, brainstem nuclei and decussations. Each chapter also includes reflex pathways (involving other cranial nerves) and a clinical case raising all the important teaching points for that nerve. The cases provide an anatomical approach to differential diagnosis and incorporate lots of other neurology topics (e.g. cavernous sinus thrombosis, circle of willis aneurysms, meningiomas, trauma, skull base tumors, etc.) Each case is discussed in a Q&A format, followed by details of the clinical evaluation for that cranial nerve (supported by videos on the companion website). Primary source citations for each chapter include clinical and basic science research. There is also a separate chapter dedicated to the coordination of eye movements. In summary, "Cranial Nerves: Function and Dysfunction" is the most clear and complete learning resource for understanding all the important clinical issues related to the cranial nerves.

Great colors, photos, and diagrams. This takes a very confusing subject and makes it delightful to look at. May not be appropriate for every level of study, but if you are pursuing a medical field this is a solid performer. Ultimately, a supplemental text to a more detailed review of the cranial nerves. This is a refreshing alternative to googling images to understand human anatomy.

Cranial Nerves. Function and dysfunction - third edition. The structure and complexity of the central nervous system remains a major obstacle in the way of learners. There is an important difference between learning by heart and learning through logical and explanatory schemes. This book is a must for those interested in easing both the comprehension of the inner nervous mechanisms and their dysfunctions. Having also a cd included, the book is designed to be a deep tour guide into the most intertwined structures of the Cranial Nerves. I use it with Cranial Nerves in health and disease - second edition.

I purchased this book hoping to find some answers to my problems but unfortunately I made a mistake. it is not really in laymans terms, don't get me wrong it is a beautiful book, great detail, well written but it is definitely a book for the student, a book for medical schooling, my mistake. So I had to return it. I would recommend it for the student not for someone trying to find out information for

their self.

Great book with detailed images (which you can also obtain online) But the written material is well worth the price!

Nice clear diagrams, well layed out. Excellent book

I've been looking for this version

For somebody learning the basics in Neurology is a good book because of clinical cases and the way they explain Neurology, however it is not very profound

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