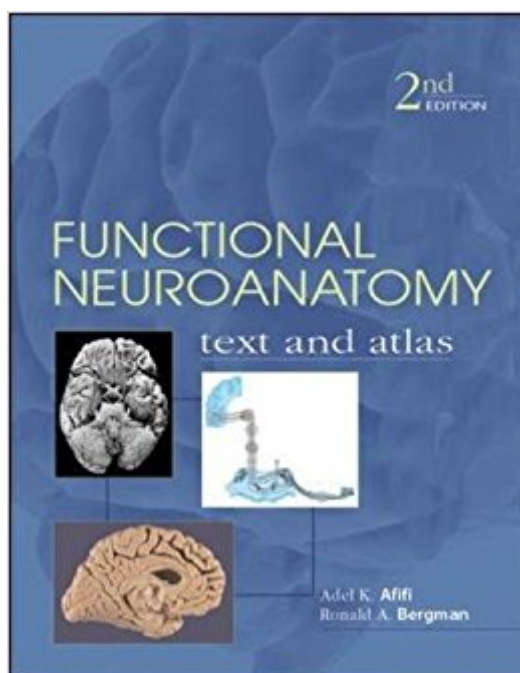


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# Functional Neuroanatomy: Text And Atlas, 2nd Edition (LANGE Basic Science)



## Synopsis

A Doody's Core Title Superbly illustrated, this core textbook reinforces an understanding of basic neuroanatomical structures by emphasizing their clinical significance in neurologic disease. Featuring a seamless integration of over 400 illustrations within the text, Functional Neuroanatomy includes cross-sectional atlas views of the brain and brain stem, MRI images in three planes, and key concepts identified within each chapter.

## Book Information

Series: LANGE Basic Science

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Average Customer Review: 4.0 out of 5 stars 6 customer reviews

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## Customer Reviews

Afifi (neurology, anatomy, University of Iowa) and Bergman (anatomy and cell biology, University of Iowa) provide clinical correlation chapters and simplified schematics to illustrate neural pathways, in this medical text emphasizing human neuroanatomy. For this second edition, new chapters have been added on reticular formation, control of posture and movement, and the patient with neurological disorder. An extensive atlas of spinal cord and brain sections, as well as magnetic resonance images in three planes, is included. Overall, the book includes some 400 images, including two-color line illustrations, radiographs in all modalities, and beautiful clinical photos.

Ronald A. Bergman, Ph.D. Professor of Anatomy and Cell Biology University of Iowa College of Medicine Iowa City, Iowa  
Adel K. Afifi, M.D., M.S. Professor of Pediatrics, Neurology, Anatomy, and

Cell Biology University of Iowa College of Medicine Iowa City, Iowa

If you want to learn neuroanatomy I suggest using a Lippincott or another book for the theoretical and this book for its clinical correlates. Would've rated it lower if not for the clinical correlate sections at the end of every chapter.

a bit on the dense side for me....

I have purchased three copies of this text for myself and several of my team members. This is a fabulous text and is well worth the price. Thank you/srp

I am not a bioscience or medical type, so this text is rather out of my field. However, with that said, I have an interest in nervous system functioning and have found Functional Neuroanatomy a very useful reference. It is slightly poorer as a textbook as it suffers from insufficient internal cross referencing (some exists, and a physiology book would no doubt have more). The index is reasonably complete in this regard, but relying on it can be awkward, particularly when it comes to looking up structures which have different names in different texts.

There's no way to learn everything about the Central Nervous System in an easier way than with this book. It's even got a separate Clinical section for every chapter!! I really enjoyed reading this book, along with Adam's Neurology (another great one). The only con is that it's got a couple of mistakes (maybe not serious) for example when you get to the part describing the Direct and Indirect Talamus-Striatal Pathways and a couple more.

I bought this book because it was dual-purpose. One, it has understandable text describing neurophysiological pathways. Two, it has a text which had cross sections of the CNS in magnetic resonance and cadaver sections. In addition, to many easy-to-follow, educational diagrams, it has brief one-line summaries of the breadth on each page. It is an excellent choice for a neurological reference text for a library.

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