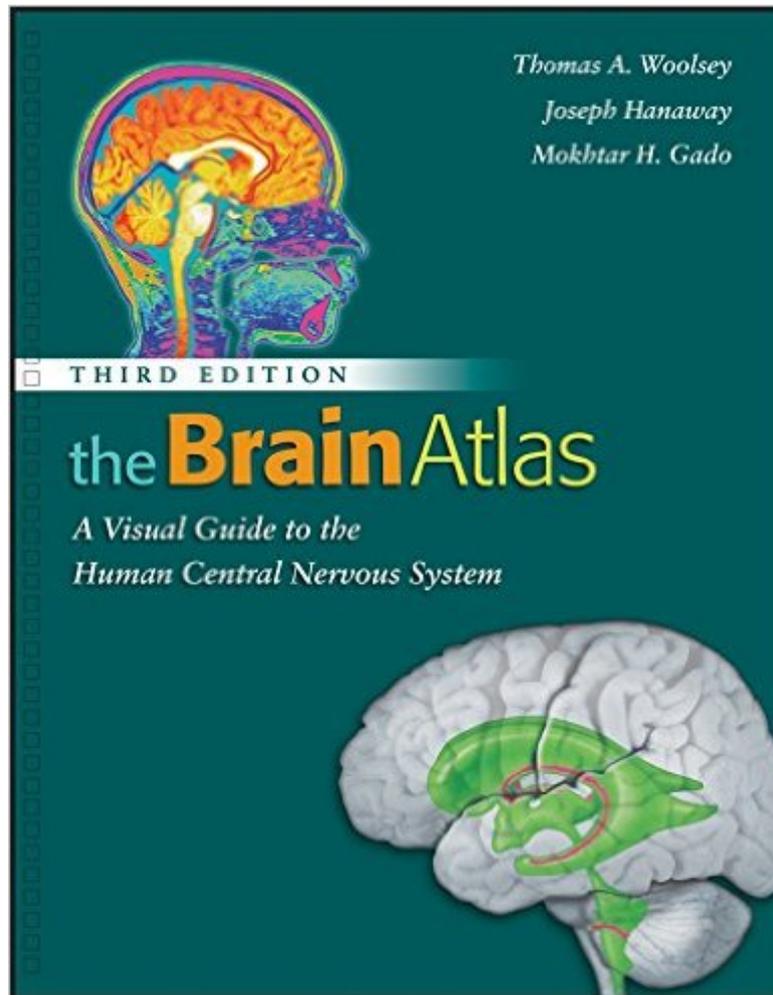


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# The Brain Atlas: A Visual Guide To The Human Central Nervous System



## Synopsis

The intricacies of the human nervous system are of great intellectual and practical interest and importance and are the subject of a large number of life sciences and medical school courses worldwide. The *Brain Atlas: A Visual Guide to the Human Central Nervous System* truly integrates modern neuroscience with clinical practice and is now completely revised and updated in its Third Edition. Now more than ever, it is the best available visual guide to human neuroanatomy for undergraduate and graduate medical students, clinicians and psychologists. It flows logically from surface anatomy to cross-sections, and then on to regional histology, ending with diagrams of the major neuronal systems responsible for the brain's magnificent array of functions. The book's five sections cover Background Information, The Brain and Its Blood, Brain Slices, Histological Sections, and Pathways. The *Brain Atlas: A Visual Guide to the Human Central Nervous System, Third Edition* features:

- A large number of new images reflecting the latest updates in imaging equipment and techniques
- Unrivalled treatment of brain pathways, including meticulous blood supply maps
- Systematic use of magnetic resonance images side-by-side with corresponding brain slices
- A direct labeling system, including an alphabetical list of terms for each image

From the reviews of the Second Edition: "an essential requirement for the library of any individual who works in the field... if you buy only one atlas, this is the one to buy." *JOURNAL OF NEUROSURGERY* | "an excellent tool for understanding the central nervous system." It is a good companion at every level of training and for health care professionals." *ARCHIVES OF NEUROLOGY*

## Book Information

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## Customer Reviews

"...an essential requirement for the library of any individual who works in the field...if you buy only one atlas, this is the one to by." (Journal of Neurosurgery, Vol. 98, June 2003)

Actually, I'm the parent of a child with intractable epilepsy. Like most parents of children with neurological conditions, I believe there is no such thing as too much information, and I hope that by educating myself I can be a better team player in this game of getting seizures under control. This book is for med students, I'm sure (I bought mine used from a student), but the illustrations are great and the text is quite easy to understand. Now, when we head off to the neurologist, I take this book with me, so that when I have a question that pertains to the brain, I can pull out my Brain Atlas (we go to a teaching hospital and our neuro is actually the director of the epilepsy program as well as being a professor of neurology and pediatrics, so he is very good about wanting to take the time to teach me more) and I can understand better. Then, I go home and read everything I can find from the internet (Journal of Neuroscience is a really good [sometimes challenging] read)that pertains to what I've learned. \*\*\*Parents of neurologically compromised kids, if you can get your hands on an affordable used version of this book, do it. You won't regret it.

I used this atlas extensively for neuroanatomy in med school. Pictures are phenomenal, and the pathways overlayed on anatomical structures are very helpful. I prefer this atlas over Haines.

I was looking for a text to help me out in a biopsych class, and this is more than I could have asked for. It's a great reference, loads of detailed "cuts" with lots of labeling. Most images are real brain pictures from MRIs and such and not alot of drawing. This is mostly a physical reference, so if you are looking for explanations on systems, etc, you may want to look elsewhere, but I love it, it is a fabulous reference and I use it often. If you are into neuroscience or biological psychology or anything along those lines, this is for you.

"I will certainly use [The Brain Atlas] to teach our residents in neuroanatomy and will encourage them to purchase the book as well." --Volker K.H. Sonntag, M.D., Barrow Neurosurgical Associates, Ltd.

I have a huge neuroanatomy library. I was not going to add to it until I saw a review of this book on . That review was spot on. This is now the best book on brain anatomy in my library. It covers all the relevant "angles" of display, from 3D, to MRI slices, to fMRI scans, to network images, beautifully illustrated, carefully annotated and labeled, and well presented. I can't put this thing down. Its the best of the lot. If you want a text book, this is not it. The best of that lot is Blumenfeld. If you want the best atlas supplement to a text book, this is it.

This is a great atlas with photographs of slices, MRI images and more, and FANTASTIC pathways illustrations.

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