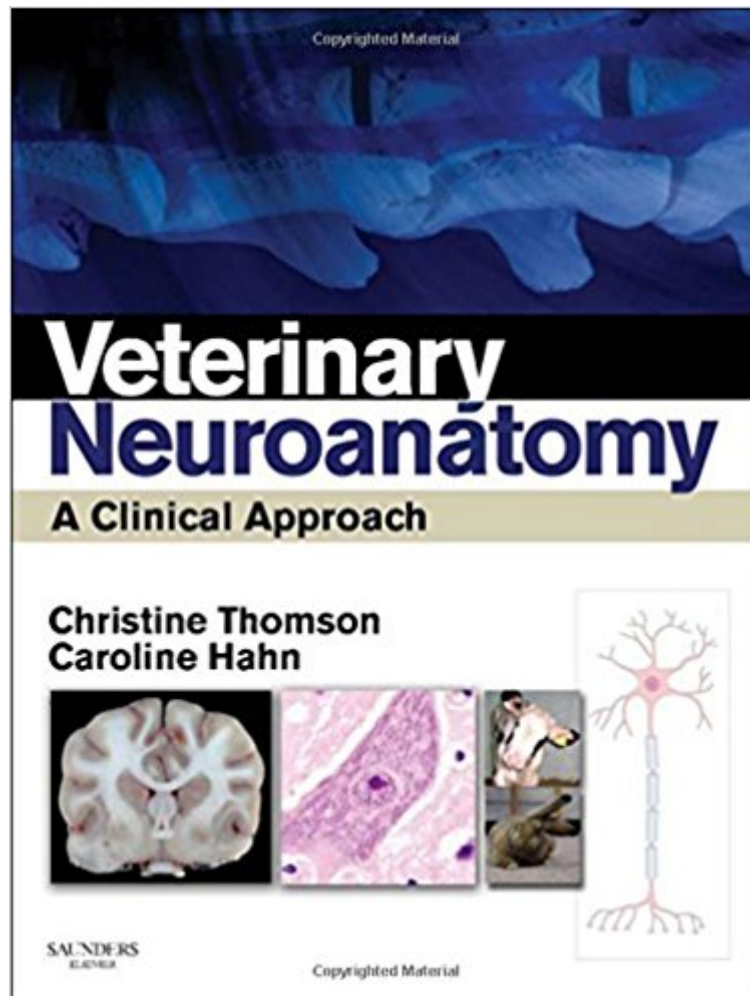




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Veterinary Neuroanatomy: A Clinical Approach, 1e



Synopsis

Veterinary Neuroanatomy: A Clinical Approach is written by veterinary neurologists for anyone with an interest in the functional, applied anatomy and clinical dysfunction of the nervous system in animals, especially when of veterinary significance. It offers a user-friendly approach, providing the principal elements that students and clinicians need to understand and interpret the results of the neurological examination. Clinical cases are used to illustrate key concepts throughout. The book begins with an overview of the anatomical arrangement of the nervous system, basic embryological development, microscopic anatomy and physiology. These introductory chapters are followed by an innovative, hierarchical approach to understanding the overall function of the nervous system. The applied anatomy of posture and movement, including the vestibular system and cerebellum, is comprehensively described and illustrated by examples of both function and dysfunction. The cranial nerves and elimination systems as well as behaviour, arousal and emotion are discussed. The final chapter addresses how to perform and interpret the neurological examination. **Veterinary Neuroanatomy: A Clinical Approach** has been prepared by experienced educators with 35 years of combined teaching experience in neuroanatomy. Throughout the book great care is taken to explain key concepts in the most transparent and memorable way whilst minimising jargon. Detailed information for those readers with specific interests in clinical neuroanatomy is included in the text and appendix. As such, it is suitable for veterinary students, practitioners and also readers with a special interest in clinical neuroanatomy. Contains nearly 200 clear, conceptual and anatomically precise drawings, photographs of clinical cases and gross anatomical specimens. Keeps to simple language and focuses on the key concepts. Unique **NeuroMaps™** outline the location of the functional systems within the nervous system and provide simple, visual aids to understanding and interpreting the results of the clinical neurological examination. The anatomical appendix provides 33 high-resolution gross images of the intact and sliced dog brain and detailed histological images of the sectioned sheep brainstem. An extensive glossary explains more than 200 neuroanatomical structures and their function.

Book Information

Paperback: 178 pages

Publisher: Saunders Ltd.; 1 edition (July 9, 2012)

Language: English

ISBN-10: 0702034827

ISBN-13: 978-0702034824

Product Dimensions: 11.6 x 8.2 x 0.4 inches

Shipping Weight: 1.3 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 14 customer reviews

Best Sellers Rank: #317,997 in Books (See Top 100 in Books) #7 in Books > Medical Books > Basic Sciences > Neuroanatomy #189 in Books > Textbooks > Medicine & Health Sciences > Veterinary Medicine > General #385 in Books > Medical Books > Veterinary Medicine

Customer Reviews

"Recently several good books on veterinary neurology have been published. However, these are essentially clinical accounts with just a brief description of comparative neuroanatomy. This book helps to fill some of the gaps with a good attempt to show the important relationship between neuroanatomy and clinical neurology...Each chapter is illustrated by very helpful coloured line drawings and photographs. Each section is summarised by a table of Key Points which give a helpful summary of the text...This book is reasonably priced and certainly worth purchasing by any veterinarian with a substantial caseload of neurological patients." December 2013, EJCAP This is an enjoyable and informative book...I enjoyed reading this book and found it very illuminating on a subject I already feel I know reasonably well... each section contained a fresh perspective or new information that enhanced my understanding of functional neuroanatomy. This combined with the novel approach to the subject, means that I would strongly recommend it to anyone with an interest in the subject, but particularly those who have found the existing teaching or publications difficult to understand." April 2014, Veterinary Record

Fantastic book to best understand how the nervous system communicates with itself and to understand the functional role of each aspect. I highly recommend this book because as a DVM student it has really helped me better connect physiology to neuroanatomy and localization of neurologic lesions. That being said, I would not recommend this book as your only source of study. Some of my classmates attempted to use this book as their only study reference and have not built a solid enough understanding of what is going on and thus I would recommend supplementing with a great physiology book like Duke's Veterinary Physiology.

This is an awesome neuro book. Dr. Christine Thomson was my first year vet school professor. She knows her... stuff.... There are real case examples/pictures. The information is straight-forward and easy to comprehend but is still at the graduate level. I will reference this book throughout my career

and feel confident that the information is correct and as well as useful. Seriously, no need to spend beaucoup bucks for any other intro to neuro book, this one is amazing!

I purchased this book for my second year of vet school and I LOVE it. This book helped get me through Neuro. It is very user friendly and easy to read. If you are planning on being a neurologist then you will definitely need a more in-depth book, but this was an EXCELLENT starting point. It is a definite must have for all vet students.

Reading this book was just like sitting in one of her lectures. She has a way with explaining things so that they just click and finally make sense. It is written in an easily accessible fashion while still being perfectly scientific. The gift of teaching that Christine Thomson possesses is extended into the written form. I can't recommend it highly enough for any first or second year vet students.

This book is well-written, concise and full of color diagrams and photos that all add to the learning experience. Where other books (such as de Lahunta) may be more detailed, they can be harder to read and sometimes you don't see the wood for the trees (though I'm still learning from de Lahunta on the 3rd or 4th read and it makes an excellent reference text). Thomson and Hahn have distilled out the essentials of veterinary neuroanatomy and provide it in a clear and concise manner - this lays an excellent foundation for further reading if needed or desired. Concepts are used to explain certain points or simplify an anatomical or physiological system, and these are, for the most part, a useful way of thinking about things. I only wish this book had been written several years ago at the start of my career!

This book provides a concise, comprehensive, and complete clinically oriented introduction to veterinary neuroanatomy and neurophysiology. I found it helpful to any veterinary student, veterinary neurologist, as well as residents preparing for board examinations. Chris and Caroline congratulations!!! This book deserves a place on the bookshelves of all interested in veterinary neurology and neuroscience!

This was/is a great resource that helped clarify multiple concepts I had difficulty grasping in class (ex. alpha vs. gamma motor neurons). The textbook explained things in a clear and concise manner so I not only understood but also wasn't bored.

Nice

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