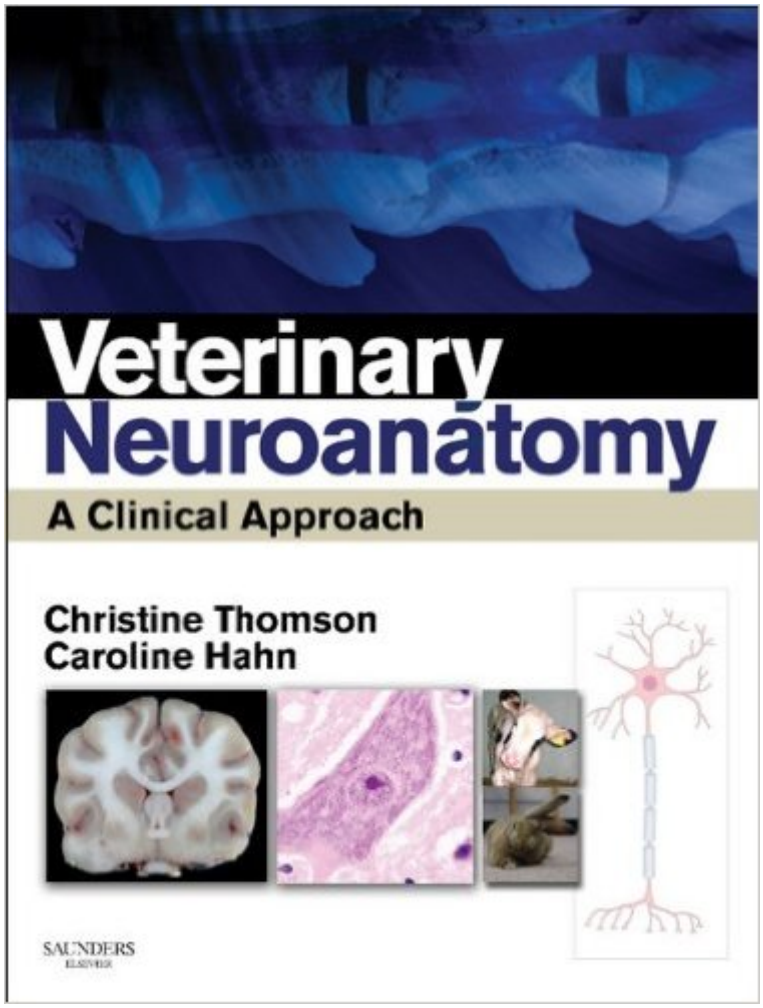
Veterinary Neuroanatomy: A Clinical Approach



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 â ˆNeuroMapsâ ™ 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

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Customer Reviews

This Veterinary Neuroanatomy - A Clinical Approach is an excellent contribution to the veterinary neurological literature.The clinical anatomical correlations were well done.The two authors represent considerable expertise in basic neuroanatomy and neurophysiology combined with abundant clinical experience.This combination makes this a most worthwhile text for the veterinary student, veterinary practitioner as well as trainees in neurology.I highly recommend this text.A. de Lahunta

Review of Neuroanatomy book (indeed a best book!)Veterinary Neuroanatomy: A clinical Approach is another addition in the field of veterinary neurology. But this is very different from many other veterinary neurology textbooks available in market. It is not intimidating to students and veterinarians because of the presentation of subject matter and size of book (nearly 180 pages). I have gone through many neurology books during my study, clinical practice and registration examination preparation but I liked this book a lot in many aspects (before this I liked veterinary neuroanatomy and clinical neurology by de Lahunta a lot). Some of important features (that I liked and was helpful to me) are:Each chapter starts with MUST KNOW FUNDAMENTALS that leads to clinical pathway with less or very few roundabouts. When you finish the chapter you come with a CONCLUSION not CONFUSION (many neurology textbooks did second to me). For example, chapters on reflex and motor system and vestibular system leaves no doubt about WHAT NEXT. Many difficult concepts are explained in very lucid style, that tempt you read (sometimes you can not put down the book for hours).First three chapters starts like a ladder which decode the subject

matter gradually, hence it becomes easy to grapse the core concept. For many people studying neurology is very dry but I liked the language of this book and it is not arid. It gives you concepts(Chapter 9, 10 and 13 are excellent example for this).Another good quality of this book is its pictures. Most of them are original and great and some pages seem to be overwhlemed by pictures. Easy to remember.KEY POINTS in each chapter helped me a lot during revision. In 180 pages, you come to know what you must know in neurology as a student and as a general practitioner.Must for students and clinicians .After reading this book you agree that---Really, stydying neurology could be a fun.

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!

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!

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 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.

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