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LANE OBRIEN

Ross & Wilson Anatomy and Physiology in Health and Illness E-Book Elsevier Health Sciences

The lack of a modern and well-illustrated book on the structure of the principal domestic animals has been acutely felt for a long time by teachers, students, and practitioners of veterinary medicine. The work here offered is the expression of a desire to close this gap in our literature. The study of frozen sections and of material which has been hardened by intravascular injection of formalin has profoundly modified our views concerning the natural shape of many of the viscera and has rendered possible much greater precision in topographic statements. The experience of the author during the last ten years, in which almost all of the material used for dissection and for frozen sections in the anatomical laboratory- of this University has been hardened with formalin, has demonstrated that many of the current descriptions of the organs in animals contain the same sort of errors as those which prevailed in regard to similar structures in man previous to the adoption of modern methods of preparation. While the method of treatment of the subject is essentially systematic, topography is not by any means neglected either in text or illustrations; it is hoped that this will render the book of value to the student in his clinical courses and to the practitioner. Embryological and histological data have been almost entirely excluded, since it was desired to offer a text-book of convenient size for the student and a work of ready reference for the practitioner. It is believed that the use of black type for the names of important structures and of small print for certain details or matter of secondary importance will prove useful in this respect. Veterinary anatomical nomenclature is at present quite chaotic in English-speaking countries. In this work an attempt is made to eliminate some terms which do not appear to the author to fulfil any useful purpose, and others which are clearly erroneous or otherwise undesirable. In many cases the terms agreed upon by the Congresses at Baden and Stuttgart are adopted either in the original Latin or in anglicized form; otherwise these terms are added in parenthesis. The author favors the substantial adoption of this terminology, but considered it desirable to offer a sort of transitional stage at present. The original illustrations are chiefly reproductions of photographs, many of which were taken by Mr. F. H. Haskett. The preparation of the pictures for reproduction was carried out by Messrs. J. V. Alteneder and W. J. Norris. The author takes pleasure in expressing his appreciation of the care and skill exercised by these gentlemen in this often difficult task. The author is under great obligation to Professors Ellenberger and Baum in Dresden, to Professor Schmaltz in Berlin, and to their publishers for permission to use or to copy figures from their most excellent works. Their generosity in this matter has made it possible to supply this text with a larger number of high-class illustrations than is to be found in any other. A few figures have been taken from other sources, and proper credit has been given in each case. For checking over certain data and for assistance in the correction of the proofs the author is much indebted to his associate. Dr. F. B. Hadley. The author desires to express his high appreciation of the determination and constant effort of the publishers to do all in their power to render the book worthy of favorable reception by the profession for whom it is intended. Ohio State University, Columbus, Ohio. Septimus Sisson.

Veterinary Anatomy of Domestic Mammals Springer

The new edition of the hugely successful Ross and Wilson Anatomy & Physiology in Health and Illness continues to bring its readers the core essentials of human biology presented in a clear and straightforward manner. Fully updated throughout, the book now comes with enhanced learning features including helpful revision questions and an all new art programme to help make learning even easier. The 13th edition retains its popular website, which contains a wide range of 'critical thinking' exercises as well as new animations, an audio-glossary, the unique Body Spectrum© online colouring and self-test program, and helpful weblinks. Ross and Wilson Anatomy & Physiology in Health and Illness will be of particular help to readers new to the subject area, those returning to study after a period of absence, and for anyone whose first language isn't English. Latest edition of the world's most popular textbook on basic human anatomy and physiology with over 1.5 million copies sold worldwide Clear, no nonsense writing style helps make learning easy Accompanying website contains animations, audio-glossary, case studies and other self-assessment material, the unique Body Spectrum© online colouring and self-test software, and helpful weblinks Includes basic pathology and pathophysiology of important diseases and disorders Contains helpful learning features such as Learning Outcomes boxes, colour coding and design icons together with a stunning illustration and photography collection Contains clear explanations of common prefixes, suffixes and roots, with helpful examples from the text, plus a glossary and an appendix of normal biological values. Particularly valuable for students who are completely new to the subject, or returning to study after a period of absence, and for anyone whose first language is not English All new illustration programme brings the book right up-to-date for today's student Helpful 'Spot Check' questions at the end of each topic to monitor progress Fully updated throughout with the latest information on common and/or life threatening diseases and disorders Review and Revise end-of-chapter exercises assist with reader understanding and recall Over 150 animations - many of them newly created - help clarify underlying scientific and physiological principles and make learning fun **Atlas of Animal Anatomy and Histology** Wiley-Blackwell

Anatomy and Physiology are complementary fields of study especially for disciplines associated with biology. This book exclusively covers the topics related to anatomy and physiology of animals. It aims to shed light on the multidisciplinary facets of zoology by focusing on the structural, physiological and evolutionary advancements in animals which have been extensively covered in this book. Students, researchers, experts and all associated with zoology, veterinary sciences and related fields will benefit alike from this book.

Anatomy and Physiology of Farm Animals John Wiley & Sons

Physiology.

Functional Anatomy and Physiology of Domestic Animals Andesite Press

A revised third edition of this bestselling textbook. It contains a unique blend of text, colour photographs, imaging and diagrams describing the gross systematic and topographical anatomy of domestic mammals. Throughout the book the authors focus on anatomical relationships to clinical conditions and where appropriate, to microscopic anatomy, histology, embryology and physiology. Greatest emphasis is given to dog and cat and horse, with relevant information on ox/cow, pig, sheep, goat and rabbit. The book combines meticulous science and superb illustrations, and will be a life-long source of reference for veterinary students, practitioners, educators and researchers.

Veterinary Anatomy of Domestic Animals John Wiley & Sons

A sound knowledge of anatomy and physiology is an essential basis for the effective clinical treatment of companion animals and farm animals alike. The fourth edition of this bestselling book continues to provide a comprehensive description of the anatomy and physiology of dogs and cats. The book builds on these foundations with detailed descriptions of exotic small species including birds, and domestic farm animals, including cows, sheep and pigs, as well as the horse.

Introduction to Animal and Veterinary Anatomy and Physiology, 4th Edition Elsevier

This 5th edition offers concise information on general anatomic and physiologic principles applicable to all farm animals. All topics have been updated, supported by the latest research discoveries and factual information. Anglicized technical terms are used throughout the book, but most terms not found in an ordinary dictionary are defined within the text. Important differences from the gradually accepted view of controversial subjects are mentioned or discussed.

Atlas of Feline Anatomy For Veterinarians Elsevier Health Sciences

Treat the diseases affecting large animals! *Veterinary Medicine, 11th Edition* provides up-to-date information on the diseases of horses, cattle, sheep, goats, and pigs. Comprehensive coverage includes the principles of clinical examination and making a diagnosis, along with specific therapy recommendations. For easier use, this edition has been divided into two volumes and restructured into a logical, anatomically based approach to disease. From internationally known veterinary experts Peter Constable, Kenneth Hinchcliff, Stanley Done, and Walter Grünberg, this book is the definitive, one-stop reference for farm animal and equine care. Comprehensive coverage includes information essential to any large-animal veterinarian, especially those working with horses, cattle, sheep, goats, or pigs. Coverage of diseases addresses major large-animal diseases of all countries, including foreign animal and emerging diseases. User-friendly format makes it easier to quickly absorb key information. Quick review/synopsis sections make important information on complex diseases easy to find. NEW! Convenient, easy-access format is organized by organ systems, and divides the content into two compact volumes with the same authoritative coverage. Nearly 200 new color photographs and line drawings are included in this edition. NEW full-color design improves navigation, clarifies subject headings, and includes more boxes, tables, and charts for faster reference. New Diseases Primarily Affecting the Reproductive System chapter is added. Updated and expanded chapter on pharmacotherapy lists therapeutic interventions and offers treatment boxes and principles of antibiotic use. Expanded sections on herd health include biosecurity and infection control, and valuable Strength of Evidence boxes. NEW or extensively revised sections include topics such as the Schmallenberg and Bluetongue viral epidemics of ruminants in Europe, Wesselbron disease in cattle, hypokalemia in adult cattle, equine multinodular pulmonary fibrosis, Hendra virus infection, porcine reproductive and respiratory syndrome, torque teno virus, and numerous recently identified congenital and inherited disorders of large animals. Additional content is provided on lameness in cattle and the diseases of cervids.

Comparative Veterinary Anatomy CABI

The standard atlas and textbook combination for students and practitioners alike! Veterinary medicine is subject to constant change: The focus in veterinary schools is shifting more and more to real-life situations. In addition to basic anatomical knowledge and standard techniques, veterinary practitioners and surgeons need to keep abreast by obtaining specialized knowledge, including new imaging techniques. This updated and expanded 6th edition of »Veterinary Anatomy of Domestic Mammals« will get you ready for both veterinary exams and clinical practice and will keep you at the cutting edge. Excellent didactic graphs and clear structure make both studying and referencing fun! Numerous new, brilliant figures, especially on imaging techniques, bring anatomy to life and help you get a comprehensible grasp of clinical examination techniques. Unique text-atlas combination: anatomical basics and clinical specials in catchy combination with outstanding photographs and detailed graphics Approx. 1,100 figures: macroanatomical and histologic preparations, sliced plastinations, modern imaging techniques and additional coloured schemas New in the 6th edition: Additional chapter: »Sectional anatomy and imaging processes« with an introduction to plastination, CT, MRT, ultrasound and endoscopy, with a total of 51 new figures Added clinical examination techniques: rectal examination, equine endoscopy, palpation of bony structures Keywords: systematische Anatomie, klinisch-topografische Anatomie, bildgebende Verfahren, Groß- und Nutztiere, Klein- und Heimtiere, Haussäugetiere **Sisson and Grossman's the anatomy of the domestic animals** Elsevier España

Put yourself in the box seat at exam time ... The days of cramming dry anatomical facts are over. It's time to look at anatomy as an opportunity to appreciate a fascinating world of relationships and interconnections. Featuring : the complete spectrum of systematic and topographic anatomy :

clearly structured and vividly presented, featuring superb high-quality images ; a combined text and atlas : takes into account a variety of species, an ideal resource for developing a comprehensive understanding of anatomical structures and relationships ; integrated sectional anatomy and contemporary diagnostic imaging : a window into the application of anatomy in diagnostics. Highlights you won't want to miss : a new chapter on avian anatomy : the fundamental structural features of birds, at a glance ; over 1100 exceptional images : anatomical specimens and histological images, thin slice plastinations, colour schematics, diagnostic imaging, sectional anatomy ; numerous references to clinical and applied anatomy : including equine endoscopy, arthrocentesis, examination of the udder, rectal examination and laparotomy ; a unique bonus : CT, MRI and ultrasonographic images. Bringing anatomy to life!

Textbook of Special Pathological Anatomy of Domestic Animals Lippincott Williams & Wilkins

Comparative Veterinary Anatomy: A Clinical Approach describes the comprehensive, clinical application of anatomy for veterinarians, veterinary students, allied health professionals and undergraduate students majoring in biology and zoology. The book covers the applied anatomy of dogs, cats, horses, cows and other farm animals, with a short section on avian/exotics, with a focus on specific clinical anatomical topics. The work improves the understanding of basic veterinary anatomy by making it relevant in the context of common clinical problems. This book will serve as a single-source reference on the application of important anatomical structures in a clinical setting. Students, practitioners and specialists will find this information easy-to-use and well-illustrated, thus presenting an accurate representation of essential anatomical structures that relates to real-life clinical situations in veterinary medicine. Presents multiple species, garnering a broad audience of interest for veterinarians, specialists, professional students, and undergraduate students majoring in the biological sciences Contains detailed layered color figures at the beginning of each different species section in addition to numerous figures throughout Focuses on clinically oriented anatomy Correlates gross anatomy, radiology, ultrasound, CT, MRI and nuclear medicine in clinical case presentations

Veterinary Anatomy and Physiology John Wiley & Sons

Textbook of Special Pathological Anatomy of Domestic Animals should not be regarded merely as a textbook for students, but rather as one which will also be of assistance to them in their later work, as well as to veterinarians generally working in the various branches of the profession, in the assessment of pathological changes. As many new diseases have become known and much new information relating to pathogenesis and aetiology has been gained since the appearance of the last edition, radical revision of the book has become imperative. The discussions in this book cover the circulatory system, blood-forming organs, reticulo-endothelial system, respiratory system, digestive organs, peritoneum, nervous system, urinary organs, genital organs, organs of locomotion, endocrine glands, and skin.

Functional Anatomy and Physiology of Domestic Animals CRC Press

This new resource provides a basic foundation in small animal anatomy for students of veterinary medicine, animal science, and veterinary technology. Extraordinary accuracy and beautiful original artwork make this a truly unique learning tool that includes the anatomy of all organ systems in the dog, cat, rabbit, rat, and guinea pig - all described in a consistent manner. Learning features include: carefully selected labeling helps students learn and remember structures and relationships; male and female of species are depicted on facing pages so topographic anatomy can be compared; structures common to various animals are labeled several times, whereas unique structures are labeled on one or two species so students can make rapid distinctions of the structures peculiar to certain animals; and an introduction that provides readers with a background in nomenclature and anatomic orientation so they can benefit from the atlas even if they lack training in anatomy. The Atlas depicts topographic relationships of major organs in a simple, yet technically accurate presentation that's free from extraneous material so that those using the atlas can concentrate on the essential aspects of anatomy. It will be an invaluable resource for veterinary students, teachers and practitioners alike.

Veterinary Medicine - E-BOOK BoD – Books on Demand

This atlas presents the basic concepts and principles of functional animal anatomy and histology thereby furthering our understanding of evolutionary concepts and adaptation to the environment. It provides a step-by-step dissection guide with numerous colour photographs of the animals featured. It also presents images of the major organs along with histological sections of those organs. A wide range of interactive tutorials gives readers the opportunity to evaluate their understanding of the basic anatomy and histology of the organs of the animals presented.

Reproduction in Farm Animals Schattauer Verlag

Location: Aggie West Library!

The Anatomy of the Domestic Animals Harpercollins College Division

Now in its Fifth Edition, *Functional Anatomy and Physiology of Domestic Animals* provides a basic understanding of domestic animal anatomy and physiology, taking an interconnected approach to structure and function of the horse, dog, cat, cow, sheep, goat, pig, and chicken. Offers a readable introduction to basic knowledge in domestic animal anatomy and physiology Covers equine, canine, feline, bovine, ovine, ruminant, swine, and poultry anatomy and physiology Considers structure and function in relation to each other for a full understanding of the relationship between the two Provides pedagogical tools to promote learning, including chapter outlines, study questions, self-evaluation exercises, clinical correlates, key terms, suggested readings, and a robust art program Includes access to a companion website with video clips, review questions, and the figures from the book in PowerPoint

The Anatomy of the Domestic Animals Elsevier Health Sciences

Knowledge of veterinary anatomy and physiology is essential for veterinary professionals and researchers. The chapters reflect the diverse and dynamic research being undertaken in a variety of different species throughout the world. Whether the animals have roles in food security, agriculture, or as companion, wild, or working animals, the lessons we learn impact on many areas of the profession. This book highlights research ranging from the cardiovascular and musculoskeletal systems, prostate and hoof, through to histopathology, imaging, and molecular techniques. It investigates both healthy and pathological conditions at differing stages of life. The importance of each cell and tissue through to the whole organism is explored alongside the methodologies used to understand these vital structures and functions.

Anatomy of Domestic Animals : Systemic & Regional Approach John Wiley & Sons

Put yourself in the box seat at exam time ... The days of cramming dry anatomical facts are over. It's time to look at anatomy as an opportunity to appreciate a fascinating world of relationships and interconnections. Featuring: The complete spectrum of systematic and topographic anatomy: clearly structured and vividly presented, featuring superb high-quality images A combined text and atlas: takes into account a variety of species, an ideal resource for developing a comprehensive understanding of anatomical structures and relationships Integrated sectional anatomy and contemporary diagnostic imaging: a window into the application of anatomy in diagnostics Highlights you won't want to miss: A new chapter on avian anatomy: the fundamental structural features of birds, at a glance Over 1100 exceptional images: anatomical specimens and histological images, thin slice plastinations, colour schematics, diagnostic imaging, sectional anatomy Numerous references to clinical and applied anatomy: including equine endoscopy, arthrocentesis, examination of the udder, rectal examination and laparotomy A unique bonus: CT, MRI and ultrasonographic images Bringing anatomy to life!

The Physiology of Domestic Animals John Wiley & Sons

Presenting more than 266 full color anatomic drawings arranged by organ system, this book is dedicated exclusively to feline anatomy with emphasis on those areas of anatomy that are frequently encountered in clinical practice. It includes a highly detailed chapter on special senses which collects and organizes difficult to find information for quick access. Nomenclature is from *Nomina Anatomica Veterinaria* so that the feline anatomy is in line with that used in other textbooks of veterinary anatomy of the domestic animals. The book accurately captures the anatomy pertinent to clinical veterinary medicine.

Domestic Animal Behavior for Veterinarians and Animal Scientists Thieme

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