Textbook Of Veterinary Anatomy 3rd Edition

When considering the physiological systems of the body, the degree of species variation within the reproductive system compared to other systems is remarkable. Furthermore, it is essential that researchers, educators, and students alike remain aware of the fundamental comparative differences in the reproductive biology of domestic species. Written by renowned scientists in their respective fields, Comparative Reproductive Biology is a comprehensive reference on the reproductive systems of domestic species. The book offers both broad and specific knowledge in areas that have advanced the field in recent years, including advances in cell and molecular biology applied to reproduction, transgenic animal production, gender selection, artificial insemination, embryo transfer, cryobiology, animal cloning and many others. This seminal text includes topics in animal reproduction that are usually only found as part of other books in animal science such as anatomy, histology, physiology, radiology, ultrasonography, and others. Comparative reference of the reproductive systems of domestic species Written by a team of top researchers Richly illustrated throughout, including 12 pages of color images

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!

An essential resource for both students and practitioners, this comprehensive text provides practical, up-to-date information about normal reproduction and reproductive disorders in horses, cattle, small ruminants, swine, llamas, and other livestock. Featuring contributions from experts in the field, each section is devoted to a different large animal species and begins with a review of the clinically relevant aspects of the reproductive anatomy and physiology of both males and females. Key topics include the evaluation of breeding soundness, pregnancy diagnosis, diagnosis and treatment of infertility, abortion, obstetrics, surgery of the reproductive tract, care of neonates, and the latest reproductive technology. Includes coverage of all large animal species. All sections provide a review of clinically pertinent reproductive physiology and anatomy of males and females of each species. Complete coverage of the most current reproductive technology, including embryo transfer, estrous synchronization, and artificial insemination. A new section on alternative farming that addresses reproduction in bison, elk, and deer. New to the equine section: stallion management, infertility, and breeding soundness evaluation. New to the bovine section: estrous cycle synchronization, reproductive biotechnology, ultrasonographic determination of fetal gender, heifer development, and diagnosis of abortion. New to the porcine section: artificial insemination, boar/stud management, diseases of postpartum period, and infectious disease control. New to the llama section: infectious disease and nutrition.

Guide to Ruminant Anatomy: Dissection and Clinical Aspectspresents a concise, clinically relevant reference to goat and cattle anatomy, with color schematic illustrations and embalmed arterially injected prosection images for comparison. Offers 244 color images depicting goat and cattle anatomy Provides selected line drawings correlated to dissection images of embalmed arterially injected specimens Takes a practical approach, with material organized by body system within each region Demonstrates the clinical relevance of basic anatomy Poses review questions in each chapter, with answers and videos provided on a companion website

A Practical Guide to Canine and Feline Neurology provides students and clinicians with the tools necessary to understand and be clinically proficient with neurology cases faced in small animal practice. Highlights of the Second Edition include new coverage of breed predisposition, signalment and history, spinal disorders, and expanded coverage of pain management and diagnostic imaging. Designed as a user-friendly guide, practitioners, specialists, and students alike will enjoy the book's practical and clinically relevant approach.

This full color atlas of veterinary histology images with accompanying text covers domestic mammals and birds. It provides a peerless collection of diagrams, schematics, color micrographs, and electron microscope images, plus online access to a further 900 color images. The author presents information from both a structural and functional perspective. This applied approach highlights the importance of understanding histology as a basis for identifying disease. Translated from the German edition, Veterinary Histology of Domestic Mammals and Birds, 5th Edition is an excellent atlas for veterinary students and veterinary school libraries.

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.

There are many orthopedic differences between cats and dogs, yet most books on the market tend to concentrate on dogs rather than cats. As cats are not referred to specialists
as frequently as dogs, the general practitioner has routinely to treat cats that have been involved in road traffic accidents and other musculoskeletal trauma. This book, the first of its kind, aims to provide a practical and user friendly guide to feline orthopedics. The book includes highly structured fully referenced text that provides a concise, straightforward guide to the recognition and management of specific diseases and conditions. The text is supported by high quality radiographs, color photographs and color line drawings to illustrate principles, techniques and procedures. Combining their experience in practice and education, the authors have produced a book that appeals to veterinarians in general and specialist feline practice, and to students.

A thoroughly updated edition of this essential reference guide for physiotherapists and physical therapists, looking to apply the proven benefits of physiotherapy to the treatment of companion and performance animals. Seven new chapters provide greatly expanded coverage of practical treatment and rehabilitation Includes reviews of different physiotherapy techniques, drawing on both human and animal literature Discusses approaches in small animal medicine as well as for elite equine athletes Provides applied evidence-based clinical reasoning model, with case examples Now in full colour with many more illustrations

This clinically-oriented text covers the anatomy of all major species of domestic animals. It provides the general knowledge of mammalian structure that is crucial to the understanding of the other basic sciences, as well as the more detailed information that is directly applicable to the practice of veterinary medicine. Discussing the various body systems, it then offers a working knowledge of them by addressing the regional anatomy of a particular species or group of species. Content is divided into two main sections - body systems and specific species or group of species - for a thorough and more logical study of anatomy. All chapters feature a consistent format, offering a simple and even flow of information. Color inserts enhance the overall quality of the book and better illustrate various anatomical areas of concern. Both small and large animals are covered - including the horse, pig, cow, dog, and cat - to emphasize features and topics that have direct relevance to clinical work. Also included is a chapter on Avian Anatomy.

Textbook of Veterinary AnatomyW B Saunders Company

Elisabeth Jauze, 62 jaar oud, besluit om thuis een feest te organiseren. Ze nodigt ook haar bovenburen uit, Jean-Lino en zijn excentrieke vrouw Lydie. De avond is een succes, maar midden in de nacht belt Jean-Lino in paniek aan en zegt dat hij zijn vrouw heeft gewurgd. Elisabeth weet niet wat haar bezielt als ze besluit Jean-Lino te helpen het lijk in een koffer te stoppen om zo de moord te camoufleren. Met bijtende humor en intelligentie fileert Yasmina Reza het moelle vacuüm van de moderne tijd, en onze kwetsbaarheid ondanks alle overvloed en rijkdom in de wereld.

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.

Offering comprehensive coverage of core anatomic concepts, this respected, clinically oriented text is the definitive source for a complete understanding of veterinary anatomy. Gain the working anatomic knowledge that is crucial to your understanding of the veterinary basic sciences, as well as detailed information directly applicable to the care of specific animal species, including dogs, cats, horses, cows, pigs, sheep, goats, and birds. Each chapter includes a conceptual overview that describes the structure and function of an anatomic region, accompanied by new full-color dissection photographs that illustrate the relevance of anatomy to successful veterinary practice. Content is logically organized into two main sections – a general introduction to mammalian anatomy and a region-specific breakdown – to make studying more efficient and ensure greater understanding. Comprehensive, all-in-one coverage of all major species presents everything you need to master anatomic concepts in one text. Focus on essential anatomy of each species delivers just the right level of detail to help you establish a solid foundation for success. For the first time all images in the text appear in full color! This lifelike presentation clarifies anatomic concepts and structures in vibrant detail. Vivid full-color dissection photographs help you translate anatomic knowledge to clinical practice and confidently perform dissection procedures. A companion Evolve Resources website reinforces your understanding and helps you prepare for the NAVLEÒ board exam with 300 exam-style practice questions, a full-color electronic image collection, and more.

If you are looking for a book that presents a unique photographic record of dissections showing the topographical anatomy of the dog and cat: this is the atlas for you! Part of a comprehensive 3-volume set that also covers Ruminants (Volume 1) and The Horse (Volume 2), the Color Atlas of the Dog and Cat takes a complete look at virtually every aspect of veterinary anatomy. With this book you will be able to see the position and relationships of bones, muscles, nerves, blood vessels and viscera that go to make up each region of the body and each organ system. Rich with full-color photographs and drawings of dissections prepared specifically for these texts, each book in the series illustrates regional surface features photographed before dissection, then gives high-quality complementary photographs of articulated skeletons. Accessibly and systematically structured with each chapter is devoted to a specific body region Important features of regional and topographical anatomy presented in full color photos of detailed dissections Detailed color line drawings clarify the relationships of relevant structures Website offers drag and drop quizzes and the chance to test yourself with mcqs Informative captions give additional information necessary for proper interpretation of the images Presents anatomy in a clinical context

The leading veterinary histology text returns with a fully updated sixth edition. Written in a concise, easy-to-understand that's a pleasure to read, this new edition continues the student-friendly tradition originated by Dr. Dellman, presenting the basics of histology including cytology and microscopic anatomy. The Sixth Edition focuses on the most current knowledge of cell, tissue and organ structure and function. All information has been fully revised and updated by the authors, both experts in their fields. Written with first year veterinary students in mind, it is also an important resource for veterinarians, graduate students, and others who require information on animal tissue structure and function. Highlights of the Sixth Edition include: New images and line drawings have been added to enhance the student's understanding of concepts. Two-page insert contains full-color histology images. Comprehensive listings of suggested readings at the end of each chapter encourage further study. The text is organized by body region, allowing the presentation to emphasize comparative species information so students can better appreciate how species differ in regard to key structures. Whether you're a veterinary student or practicing professional, you should have this classic histology reference as part of your working library.
Lusi and Davies have provided an excellent reference resource for students and graduates alike. The number of well-defined, relevant and clear images allow quick understanding for anyone interested in the fascial anatomy of the horse. This small book is perfect to have in your bag, allowing the student or clinician to find all the information they need on-site. - Sophie Neasham, final year veterinary student, University of Veterinary Medicine in Kosice, Slovakia Key features: The first book in equine anatomy to illustrate the fascial (soft connective tissue) connections of the equine forelimb. Clear, high-quality images (with reference images included on each page) help readers identify aspects of the limb photographed. A brief introduction to the forelimb musculoskeletal anatomy (with images) helps readers familiarize themselves with muscles and bones portrayed in photographs. Focused discussions highlight the practical applicability of the fascial connections illustrated. Accompanying video clips demonstrate connectivity of the fascial system particular lines of tension. The first of its kind in equine anatomy, this clear, concise anatomical guide illustrates the fascial (soft connective tissue) connections of the equine forelimb. Based on dissections of fresh equine cadaver limbs, it provides a visual map for equine physical therapists, veterinarians and horse riders, helping them to understand how pathologies, injuries, or movement abnormalities of the equine forelimb arise and/or progress from one area of the limb to another. The fascial system is one of the primary systems acted upon by equine physiotherapists and is of increasing interest to horse riders looking to achieve structural integration and balanced movement in their horse. With this in mind, key points in each chapter highlight everyday situations in which knowledge of the fascial system may assist in understanding horse movement and injury. This practically applicable anatomical atlas is the ideal reference for horse owners, body workers and veterinarians alike. Goat Science and Production is the first text in several decades to present comprehensive, state of the art information on goat science and production practices from an international perspective. Including information on meat, dairy, and fiber goats, chapters are organized logically to facilitate fundamental understanding of goat anatomy and physiology as well as practical production applications. Goat Science and Production begins with an overview of current global production, giving the reader necessary context to enhance subsequent chapters on breed variety, genetics, animal evaluation, and functional anatomy and physiology. Later chapters expand on these concepts highlighting practical application affecting feeding practices, health and disease management, and housing requirements. Information on milk, meat, and fiber production is also addressed, along with a key chapter on formulating a business plan and marketing strategy. The book concludes with a thorough discussion on further needs in research and education providing direction for future progress. Goat Science and Production is globally contributed and provides an essential introduction and reference for students, researchers, outreach personnel, and producers world-wide. Key Features: Provides current information on science and production of meat, dairy, and fiber goats Reviews domestic and international production systems Discusses environmental impacts of goat production Includes coverage of economics and marketing of goat production The Seventh Edition of Anatomy and Physiology of Farm Animals is a thoroughly updated and revised version of this classic text. Drawing on current science and terminology with a number of new illustrations throughout and a new chapter on poultry, the book maintains its reputation for clarity, balanced scope, and breadth of content. The Seventh Edition provides veterinary, animal science, agriculture, and veterinary technician students with a comprehensive yet clear reference to understanding the fundamentals of anatomy and physiology. 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. Textbook of Small Animal Emergency Medicine offers an in-depth understanding of emergency disease processes and the underlying rationale for the diagnosis, treatment, monitoring, and prognosis for these conditions in small animals. A comprehensive reference on a major topic in veterinary medicine The only book in this discipline to cover the pathophysiology of disease in depth Edited by four respected experts in veterinary emergency medicine A core text for those studying for specialty examinations Includes access to a website with video clips, additional figures, and the figures from the book in PowerPoint Textbook of Small Animal Emergency Medicine offers an in-depth understanding of emergency disease processes and the underlying rationale for the diagnosis, treatment, monitoring, and prognosis for these conditions in small animals. A comprehensive update on ear disease for the small animal practitioner! Topics will include updates on otic anatomy and physiology, preparation and histologic examination of the inner ear, neurologic manifestations of ear disease, canine hearing loss management, feline deafness, electrodiagnostic evaluation of auditory function, hearing aids in dogs, primary secretary otitis media of cavalier King Charles spaniels, ear masses, ototoxicity in dogs and cats, and much more! If you are looking for a book that presents a unique photographic record of dissections showing the topographical anatomy of the dog and cat: this is the atlas for you! Part of a comprehensive 3-volume set that also covers Ruminants (vol 1) and The Horse (vol 2), the Color Atlas of the Dog and Cat takes a complete look at virtually every aspect of veterinary anatomy. With this book you will be able to see the position and relationships of bones, muscles, nerves, blood vessels and viscera that go to make up each region of the body and each organ system. Rich with full-color photographs and drawings of dissections prepared specifically for these texts, each book in the series illustrates regional surface features photographed before dissection, then gives high-quality complementary photographs of articulated skeletons. Accessibly and systematically structured with each chapter is devoted to a specific body region Important features of regional and topographical anatomy presented in full color photos of detailed dissections Detailed color line drawings clarify the relationships of relevant structures Website offers drag and drop quizzes and the chance to test yourself with mcqs Informative captions give additional information necessary for proper interpretation of the images Presents anatomy in a clinical context This anatomy and physiology textbook for veterinary technicians features vocabulary fundamentals, hundreds of full-color illustrations, clinical application boxes, and test yourself questions. Solidify your understanding of the most common diseases you'll encounter as a veterinary technician! Common Diseases of Companion Animals, 4th Edition is an easy-to-use reference that's divided into sections by species, with chapters in each section organized by body system. Each disease is presented in monograph form, with clinical signs, diagnostic laboratory work-up, treatment options, and client information to ensure the information you need is always available. New to this edition is coverage of backyard
chickens and potbellied pigs. This succinct text provides invaluable coverage for veterinary technology students and also serves as a handy reference for working practitioners. Coverage of the common diseases veterinary technicians are likely to encounter in practice keeps students up-to-date with the diseases and disorders they are most likely to assist in diagnosing and managing. Diseases organized by body system enables students to quickly refer to the most accurate information. Consistent, monograph format includes a description, clinical signs, laboratory work-up, treatment, medications, after care, client information, and prevention for each disease. Clearly defined role of technician helps students understand what is expected of them as a working professional. Tech Alerts emphasize key information on the process of caring for pets. Introductory chapter on pathophysiology provides information on the foundations of disease and the body’s response to disease before proceeding to the specific diseases of each system. Full-color design and illustration program reinforces what diseases look like — such as signs exhibited in the animal, in lab specimens, and in surgical corrections — and demonstrates techniques, such as urethral catheter placement in a female cat. Nursing care sections include descriptions of changes in clinical signs with improvement or decline that will affect treatment, as well as more Tech Alerts to highlight the veterinary technician’s responsibilities. A variety of review questions, including open-ended critical thinking questions. Vet Tech Threads direct learning by outlining key terms, learning objectives, and the glossary. NEW! Chapters on backyard chickens and potbellied pigs. NEW! EXPANDED content includes the latest information on disease prevention. NEW! Coverage of new veterinary diseases ensures that you have the most up-to-date information available.

Revised and updated, the eighth edition of Anatomy and Physiology of Farm Animals remains the essential resource for detailed information on farm animal anatomy and physiology. Offers a revised edition to this comprehensive guide to the anatomy and physiology of farm animals. Presents learning objectives in each chapter for the first time. Adds new material on endocrine and metabolic regulation of growth and body composition. Features additional illustrations to enhance comprehension. Includes a companion website that offers supplemental content, including word roots, clinical cases, study and practice questions, the images from the book and additional images, diagrams, and videos to enhance learning.

Get an up-close look at canine anatomy with the only complete guide to the dissection of the dog. Utilizing detailed descriptions and more than 300 high-quality color anatomic drawings, Guide to the Dissection of the Dog, 8th Edition walks you through how to perform precise canine dissections while developing your understanding of basic mammalian structure and specific canine features. Each chapter offers self-contained guidance on the dissection of a specific body part, allowing you to perform dissections in whatever sequence you choose. Other helpful features include: an emphasis on the anatomical knowledge and terminology from the Nomina Anatomica Veterinaria; a comprehensive list of all figures and tables; and an extensive list of references for further research. In all, this one-of-a-kind canine dissection manual is the resource you need to better understand and review what you are learning in your first-year dissection course. The only hands-on canine dissection guide available reinforces the information that you learn in your mandatory first-year dissection course. Body part organization follows the order of dissection commonly taught in veterinary schools and enables you to perform dissections in any sequence. More than 300 high-quality color anatomic drawings guide each step-by-step dissection procedure. Radiographs, CAT scans and MR images appear throughout the text where relevant to help you visualize internal anatomic features that can only be revealed through these diagnostic methods. Comprehensive list of tables and figures makes it easy to find key images and information at a glance. Detailed descriptions of anatomical structures ensure the most thorough, precise canine dissections. Clear and easy-to-follow instructions guide you in properly performing dissection techniques. Option of a digital book on Pageburst offers high-resolution illustrations that are directly linked to the text — letting you search for any text work or anatomic clue and discover any instance of what you want to read more about. NEW! High-resolution digital images have been added throughout the book to provide a clinical context for the drawings and to highlight internal anatomic structures with excellent contrast resolution. NEW! Additional transverse sections of the brain give you the anatomical knowledge you need to accurately interpret MR images. NEW! Updated figure labels and text adhere to the latest Nomina Anatomica Veterinaria. A sound knowledge of anatomy and physiology is an essential basis for the effective clinical treatment of companion animals. The new Introduction to Veterinary Anatomy and Physiology Textbook builds on the success of the first edition in its thorough coverage of the common companion animal species. Updated throughout, the new edition features online learning resources, providing students with the opportunity to test their knowledge with questions and visual exercises, while instructors can download questions, figures and exercises to use as teaching aids. An essential first purchase for all those embarking upon a veterinary career. Now with on-line resources including self-assessment tools and teaching aids. Comprehensive coverage of all major companion animal species. New equine chapter ‘Applied Anatomy’ tips relate theory to clinical practice, showing the relationship between anatomy and physiology and the disease process.

A sound knowledge of anatomy and physiology is an essential basis for the effective clinical treatment of companion animals. The new third edition Introduction to Veterinary Anatomy and Physiology Textbook offers clear and comprehensive of the common companion animal species. Updated throughout with a new section added on large companion animals, the new edition features augmented online learning resources with new questions and quizzes. Students can test their knowledge with multi-choice questions, drag and drop exercises and an image bank, while instructors can download questions, figures and exercises to use as teaching aids. An essential first purchase for all those embarking upon a veterinary career. Includes augmented on-line resources with self-assessment tools and teaching aids. Comprehensive coverage of all major companion animal species. New large animal section added covering the cow, sheep and pig. ‘Applied Anatomy’ tips relate theory to clinical practice, showing the relationship between anatomy and...
The Veterinary Consult® version of this title provides electronic access to the complete content of this book. "Veterinary Consult” allows you to electronically search your entire book, make notes, add highlights, and study more efficiently. Purchasing additional "Veterinary Consult” titles makes your learning experience even more powerful. All of the "Veterinary Consult” books will work together on your electronic 'bookshelf', so that you can search across your entire library of veterinary books. "Veterinary Consult”: It's the best way to learn!

Understanding companion animal anatomy and physiology is the foundation to providing good veterinary care, but the underlying concepts covered in the classroom are not always easy to relate to everyday clinical practice. The new edition of Introduction to Veterinary Anatomy and Physiology Workbook continues to provide a fun and interactive means to test the student's knowledge, using crosswords, word searches, mnemonics, quizzes, labelling diagrams, and more. A unique way to revise a complex subject. Includes hints and tips for effective study. Interactive quizzes and practical tasks facilitate group study. New chapters on birds, mammals, reptiles, fish, and horses cover all major companion animal species.

The latest information on diagnostic pathology for the food animal practitioner! Topics include respiratory diagnostics and pathology, diagnostics of dairy and beef calf diarrhea, gastrointestinal diagnostics and pathology in feedlot cattle, neuropathology and diagnostics in food animals, musculoskeletal and integument pathology in food animals, mastitis diagnostics, ruminant toxicology diagnostics, camelid pathology and diagnostics, abortion diagnostics, field necropsy and diagnostic sample submission, population approaches to diagnostics and epidemiology, and more!

Develop a working knowledge of radiologic science as it applies to producing diagnostic-quality images — and prepare for the Veterinary Technology National Exam (VTNE) — with Lavin's Radiography for Veterinary Technicians, 7th Edition! Written in a way that is easy to follow and understand, all aspects of imaging, including production, positioning, and evaluation of radiographs, are covered in this comprehensive text. All chapters have been thoroughly reviewed, revised, and updated with vivid color equipment photos, positioning drawings, and detailed anatomy drawings. From foundational concepts to the latest in diagnostic imaging, this text is a valuable resource for students, technicians, and veterinarians alike! Comprehensive content explores the physics of radiography, the equipment, the origin of film artifacts, and positioning and restraint of small, large, avian, and exotic animals. More than 1,000 full-color photos and updated radiographic images visually demonstrate the relationship between anatomy and positioning.

UNIQUE! Coverage of non-manual restraint techniques, including sandbags, tape, rope, sponges, sedation, and combinations, improve safety and enhance radiation protection. Emphasis on digital imaging, including quality factors and post-processing, keeps you up to date on the most recent developments in digital technology. UNIQUE! Dental radiography chapter covers equipment types (film, digital, and computed radiography), safety, positioning, and reading the image for the dog and cat to address the needs of both general and specialty veterinary technicians. Broad coverage of radiologic science, physics, imaging, and protection provides you with the foundation needed to develop good imaging practices and techniques. NEW! Coverage of the latest protocols ensures all-inclusive coverage. 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.

A unique reference dedicated to the diagnosis and treatment of problems of the equine neck and back. Building on the strength of the first edition, Equine Neck and Back Pathology: Diagnosis and Treatment, Second Edition explores conditions and problems of the horse’s back and pelvis, and has been expanded to include coverage of the neck as well. This book is a vital tool for all those engaged in improving the diagnosis and management of horses with neck or back problems. The only book devoted to the conditions and problems of the equine neck, back, and pelvis, it provides comprehensive coverage by international specialists on how to diagnose and treat problems in these areas. This updated and revised edition covers normal anatomy and kinematics, neck and back pathology, diagnosis and treatment of specific conditions, and complementary therapy and rehabilitation. Equine Neck and Back Pathology: Diagnosis and Treatment, Second Edition is a valuable working resource for equine practitioners, specialists in equine surgery, veterinary nurses and allied professionals involved in treating horses. It is also an excellent supplementary text for veterinary students and keen interest in horses.

The equine dentition (hypsodont) develops differently from that of humans and small animals (brachydont) yet many of the principles of general dentistry are applicable to the equine species. Some are not. Dr. Klugh and his contributing authors identify, apply and evaluate the principles of equine dentistry in relation to the horse—their similarities and differences. Such a system is of value in terms of vocabulary, biology and disease process. The book's coverage ranges from anatomy, biomechanics and examination to radiology, anesthesia, trauma, disease and restoration. Top quality color photographs and diagrams illustrate the text throughout. Principles of Equine Dentistry is of value to equine dentists, equine practitioners, instructors and trainees, and to veterinary students.

As a Follow-up to their Arrival Cattle Management issue, Drs. Brad White and Daniel Thomson explore Feedlot Production Medicine in this issue. Articles feature an expert panel of authors on topics such as: Epidemiology for feedlots, Outbreak investigation, Sick animal identification, Necropsy & Euthanasia, BVD management in feedlot, Reference Intervals in Avian and Exotic Hematology, and more!