

to researchers, animal care technicians, facilities managers, administrators at research institutions, policymakers involved in research issues, and animal welfare advocates.

First multi-year cumulation covers six years: 1965-70.

This textbook is primarily targeted towards students of veterinary-, animal- and agricultural sciences, but it is also well suited for university courses in general and mammalian physiology. The textbook emphasizes functional aspects of physiology. The book contains color illustrations, short, clarifying statements placed in the margin, questions, and clinical examples.

A world list of books in the English language.

July 02-03, 2018 Berlin, Germany Key Topics : Anatomy and Physiology of Domestic Animals, Animal Genetics and Breeding, Animal Reproduction, Applications of Animal Biotechnology, Cloned and transgenic animals and their regulation, Animal Growth and Development, Animal Products and Food Safety, Animal Health, Welfare and the Environment, Applied Animal Welfare science, Animal Behavior, Animal Testing, Animal Diseases, Large Animal diseases, Small and Companion animal Diseases, Problems of Animal Health in Tropics, Vector-borne animal diseases, Soil-borne animal diseases, Contact animal diseases, Animal Health Management, Wildlife Management, Animal Welfare in international trade, Dairy Farming, Regulatory aspects of Animal Science, Animal Health Industry, Hospital Design and Management, Veterinary Gastroenterology, Veterinary Endocrinology, Veterinary Cardiology, Veterinary Respiratory Medicine, Veterinary Critical care and emergency medicine, Veterinary Radiology and Diagnostic imaging, Veterinary Nephrology, Animal Health Management, Wildlife Management, Animal Welfare in international trade, Dairy Farming, Regulatory aspects of Animal Science, Regulatory aspects of Animal Science, Animal Health Industry, Hospital Design and Management, Veterinary Gastroenterology, Veterinary Endocrinology, Veterinary Cardiology, Veterinary Respiratory Medicine, Veterinary Critical care and emergency medicine, Veterinary Radiology and Diagnostic imaging, Veterinary Nephrology, Veterinary Orthopedics, Veterinary Pain management, Zoological Medicine, One Health, Responsible Use of Animal Medicines, Antimicrobial resistance (AMR), Nanotechnology in Veterinary, GMO,

Equine Behavior: A guide for Veterinarians and Equine Scientists is the quintessential reference for all who really want to know what makes horses tick. Research in horse behavior has made great strides in recent years. This book examines the truth behind modern trends and ancient traditions. Full of insight, it rounds up the latest findings of practitioners and researchers from all over the world, drawing on both cutting-edge research and best practice. With more than 1,000 references, the book explores equine behavior from first principles, by considering the behavior of free-ranging horses and focusing on ways in which management and training influence the responses of their domestic counterparts. Equine physicians, trainers, handlers and owners all need to be students of equine behavior, because the first sign of a problem is often a change in behavior. So, whether you own, ride, lead, groom, feed or heal horses, what you observe is vital to your understanding. Behavioral problems in the stable and under saddle are a grave concern for equine veterinarians worldwide, because they can lead to poor performance, welfare issues, abuse and, ultimately, wastage. Traditionally, veterinarians gave priority to the physical health of their equine patients. This book is a unique attempt to demonstrate the way science can throw light on how and why problems and unwelcome behaviors arise. It also offers ways to bring about change for the better. Beautifully illustrated with more than 500 photographs

Performing the Small Animal Physical Examination offers an easy-to-follow guide to successfully executing a thorough physical exam in cats and dogs, with nearly 1,000 clinical photographs depicting step-by-step details. Provides comprehensive, practical information on the physical examination in small animal patients, presents nearly 1,000 color photographs with step-by-step details of the procedures and principles, offers advice on preparing the examination room, useful tips, and concrete guidance for examining each body system, outlines a systematic, in-depth approach to the initial examination in dogs and cats, supports new and experienced veterinarians and veterinary technicians alike in performing a thorough basic exam.

This invaluable book is a comprehensive review of congenital heart defects in the major mammalian groups. It begins with a comparison of normal cardiac anatomy between these groups. The analysis of cardiac malformations is simplified and presented in a didactic manner. The anatomy of the common malformations is presented with examples. A comment on the common anomalies seen in each group, together with an extensive reference list, helps the reader to access the source of information easily. Contents: Introduction: Normal Hearts — A Comparison Sequential Segmental Analysis Definition, Causes, Frequency of Occurrence and Prevalence of Congenital Cardiovascular Defects Horses Cattle Pigs Sheep and Goats Dogs Cats Mice, Rates and Rabbits Other Animals Comparative Aspects Readership: Zoologists and veterinary scientists. Keywords: Congenital Heart Defects; Congenital Heart Disease; Veterinary Science; Atrial Septal Effect; Ventricular Septal Effect; Mammalian Heart Disease; Cardiac Malformations; Hole in the Heart; Arrhythmia in Mammals; Review of Cardiac Malformations Reviews: "... the book represents a remarkable achievement and a valuable contribution to the literature on this topic." The Veterinary Record "... this is a well-written, very readable, interesting text on congenital malformations in mammals ... this is a unique and interesting book that will be of great value to many individuals with an interest in cardiac pathology." Veterinary Pathology "... the book presents congenital malformations in a large number of mammalian species in a thorough and informative manner. It is well researched and extensively referenced. The text is written in the first person and is generally very readable ... It will contribute significantly as a research and teaching resource ..." Australian Veterinary Journal

Anatomy and Physiology for Veterinary Technicians and Nurses: A Clinical Approach is a comprehensive resource on the anatomy and physiology of dogs and cats, with comparisons to horses, birds, and ruminants. Organized by body system with a comparative approach, the book follows a unique format by addressing anatomy separately from physiology for clarity and improved comprehension. Each anatomy chapter has a corresponding physiology chapter, complete with illustrations, charts, and boxes to promote understanding. Written specifically for veterinary technicians and nurses, the book applies anatomy and physiology to clinical practice, with case examples demonstrating clinical relevance. The figures from the book, additional questions and answers, labeling quizzes, teaching PowerPoints, and a dissection video are available online at www.wiley.com/go/sturtz. This introduction to body system analysis of normal structure and function is a must-have resource for students of veterinary technology and nursing, as well as a useful quick review for the busy professional.

Preceded by Dukes' physiology of domestic animals. 12th ed. / edited by William O. Reece. Ithaca, N.Y.: Comstock Pub./Cornell

University Press, 2004.

A unique feature of this book is the focus on large, domestic animals. Previous editions were considered the "Bible" of reproductive physiology. It covers basic, large animal reproductive physiology, provides species-specific information and is suitable as a textbook for upper-division courses.

With 42 chapters authored by leading international experts, Swine Nutrition: Second Edition is a comprehensive reference that covers all aspects of the nutrition of pigs. It is equally suitable as an advanced undergraduate and graduate textbook as well as a reference for anyone working in any aspect of pig production. The book begins with a

This book is intended to give readers a "quick look" at metabolic and endocrine physiology. Emphasis is placed on instructional figures, flow diagrams and tables, while text material has been held to a minimum. In general, the endocrine system is first defined and described, and then each endocrine gland is discussed separately. Where appropriate, common endocrine disorders have also been included. This text concisely elucidates the endocrine mechanisms responsible for maintaining homeostatic control of important physiologic variables, and to assist the reader in understanding common pathophysiologic deviations from normal. Over 360 multiple-choice questions gauge the reader's capacity to effectively understand the subject material. This new edition contains six new chapters covering: hormone disposition, measurement and secretion; bovine, equine and rodent estrus cycles; primate menstrual cycle; male reproductive system; testosterone, estrogen and progesterone; comparative aspects of endocrinology. Learning objectives have been added at the beginning of each chapter and all of the questions are new.

Understanding the latest developments in equine science is essential for all veterinary and equine professionals and students, researchers, owners, and those caring for equids. This book reflects the diversity in research presently being carried out worldwide. From locomotion and the digestive system, through to the skin and reproduction. The chapter on medicine includes not only some of the latest advances in gene therapy but also reveals medieval treatments, providing a fascinating glimpse into the past whilst also looking at future technologies. The book also highlights some contemporary insights into diet and behavior. From DNA and individual cells through to the entire animal, this research uses different scientific methods to understand horses and donkeys in greater detail.

This anatomy and physiology textbook for veterinary technicians features vocabulary fundamentals, hundreds of full-color illustrations, clinical application boxes, and test yourself questions.

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.

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