

Equine Pathology And Laboratory Diagnostics An Issue Of Veterinary Clinics Of North America Equine Practice 1e The Clinics Veterinary Medicine

Clinical Pathology for the Veterinary Team is a concise, reliable resource for technical team members performing clinical diagnostic evaluation. Focusing on sample handling, machinery calibration, normal physiology and anatomy, clinical diagnostics, and disease processes, the book helps technical team members to consistently achieve high-quality results in small animal lab work. An essential bench-side reference for in-house laboratories, the book includes a DVD with interactive cases to build skills in reading and interpreting digital slides. With chapters on blood counts, chemistry, urinalysis and electrolytes, advanced diagnostics, and cytology, Clinical Pathology for the Veterinary Team offers key technical information for consistently obtaining and evaluating samples. The book is a practical resource for anyone performing lab work, including veterinary technicians, technician and veterinary students, and veterinarians.

Interpretation of Equine Laboratory Diagnostics offers a comprehensive approach to equine

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laboratory diagnostics, including hematology, clinical chemistry, serology, body fluid analysis, microbiology, clinical parasitology, endocrinology, immunology, and molecular diagnostics. Offers a practical resource for the accurate interpretation of laboratory results, with examples showing real-world applications Covers hematology, clinical chemistry, serology, body fluid analysis, microbiology, clinical parasitology, endocrinology, immunology, and molecular diagnostics Introduces the underlying principles of laboratory diagnostics Provides clinically oriented guidance on performing and interpreting laboratory tests Presents a complete reference to establish and new diagnostic procedures Offers a practical resource for the accurate interpretation of laboratory results, with examples showing real-world applications Covers hematology, clinical chemistry, serology, body fluid analysis, microbiology, clinical parasitology, endocrinology, immunology, and molecular diagnostics Introduces the underlying principles of laboratory diagnostics Provides clinically oriented guidance on performing and interpreting laboratory tests Presents a complete reference to established and new diagnostic procedures

Clinical Pathology and Laboratory Techniques for Veterinary Technicians provides a comprehensive reference of laboratory procedures featuring 'how-to' information as it pertains to small animals,

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horses, and cattle. An inclusive reference on laboratory procedures pertaining to small animals, horses and cattle Provides information on hematology, hemostasis, clinical chemistry, urinalysis, parasitology, and fecal testing Features high-quality photographs labelled with magnification and stain information, which clearly depict cellular morphology, inclusions and infectious organisms Offers key objectives, technician tip boxes, case examples and a glossary of key terms A companion website provides images from the book for download, instructor questions and answer key to multiple choice questions in the book

This reference on veterinary haematology and clinical chemistry is designed to be both comprehensive and practical. From basic principles and laboratory techniques to diagnostic evaluation, readers will find equally concise and clear coverage of both haematology and clinical chemistry for many domestic and exotic species. It also features numerous four-colour and black-and-white illustrations, coverage of avian and exotic haematology and an extensive use of case studies. This issue will explore the latest research and clinical information concerning pathology of exotic pet species. The majority of the issue will cover the use of clinical pathology in pet birds, reptiles, rabbits, amphibians, fish, and small mammals. Other articles will cover diagnosis of renal disease in rabbits,

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diagnosis of liver disease of ferrets, thyroid and sexual hormone fluctuation in chinchillas.

The all-new Equine Hematology, Cytology, and Clinical Chemistry draws on hematology and clinical chemistry information featured in the first edition of Equine Clinical Pathology and adds valuable cytopathology material from Diagnostic Cytology and Hematology of the Horse, making it a truly definitive reference to clinical pathology in equids. Thoroughly updated and expanded throughout, this Second Edition offers more images, more information, and new knowledge for previous chapters and entirely new chapters on bone marrow evaluation and cytopathology. Designed to present clear, concise, and clinically relevant information, the book is logically organized for easy reference. Numerous figures, tables and images support the text, together with summarized information for ease of use. Offers a focus on clinical pathology in the horse, with in-depth information on hematology, clinical chemistry, and cytopathology in equids Presents equine disease from a systems-based, clinicopathological perspective Features hundreds of high-quality images Includes contributions from veterinary specialists with expert knowledge of clinical pathology A must-have purchase for anyone using hematology, clinical chemistry, and cytology in equine patients, Equine Hematology, Cytology, and Clinical Chemistry, 2nd Edition is a valuable

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resource for equine practitioners, clinical pathologists and residents, and veterinary students. Now in full color throughout, Duncan and Prasse's Veterinary Laboratory Medicine: Clinical Pathology, Fifth Edition offers a comprehensive overview of hematology, hemostasis, clinical chemistry, urinalysis, cytology, and reference intervals in a highly accessible outline format. With information on all major domestic species, the text is designed for the reader to quickly find answers to clinical questions. Taking a problem-solving approach to the interpretation of laboratory data, this book includes clinical cases to illustrate the concepts of laboratory data interpretation, with tables and key words to aid readers in locating and applying information. The fifth edition has been fully revised to reflect the latest knowledge, diagnostic methods, and practices in veterinary laboratory medicine. A companion website provides the images in PowerPoint and references linked to PubMed at www.wiley.com/go/latimer. Duncan and Prasse's Veterinary Laboratory Medicine is an excellent quick reference for practicing veterinarians, veterinary students, clinical interns and residents, and pathology residents. This two volume book set provides a comprehensive and practical overview of the state-of-the-art molecular biological diagnostic strategies that are currently used in a wide variety of disciplines. The volumes cover: Clinical microbiology and virology

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Clinical chemistry Pathology Veterinary medicine Plant Pathology Food safety The two volumes are written by experts in their respective fields, who have, together with the editors, combined years of experience in the development, application and quality control of molecular diagnostic methods. The first book is devoted to the theory and backgrounds of molecular techniques, amplification technology, next generation sequencing and bioinformatics for molecular laboratory diagnostics. As a fundament of reliable molecular diagnostic assays, the quality control required for validation, implementation and performance of molecular diagnostic assays is extensively discussed. The second book highlights the applications of these methods in the various diagnostic laboratories. These two full-colour well-illustrated volumes are particularly valuable for students, clinicians, scientists and other professionals who are interested in (designing) molecular diagnostic tests and for those who wish to expand their knowledge on the current molecular biological revolution. The extensive information in both books highlights the current trend of the integration of multiple (clinical) disciplines into one universal molecular laboratory.

This book offers a state-of-the-art, evidence-based reference to all aspects of veterinary cytology. Truly multidisciplinary in its approach, chapters are written by experts in fields ranging from clinical pathology to internal medicine, surgery,

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ophthalmology, and dermatology, drawing the various specialties together to create a comprehensive picture of cytology's role in diagnosis and treatment of animal disease. Firmly grounded in the primary literature, the book focuses on companion animals, with special chapters for species with fewer publications. Chapters are logically organized by body system, with additional chapters on tumors of particular import and diagnostic decision making. The first two sections of Veterinary Cytology focus on cytology techniques, quality control, and special laboratory techniques. Subsequent sections are organ/tissue-based and reflect what is known about the canine, feline, and equine species. This is followed by chapters on non-traditional species, including exotic companion mammals, rabbits, cattle, camelids, non-human primates, reptiles and birds, amphibians, fish, invertebrates, and sheep and goats. The last section highlights some unique features of the applications of cytology in industry settings. Provides a gold-standard reference to data-driven information about cytologic analysis in companion animal species Brings together authors from a wide range of specialties to present a thorough survey of cytology's use in veterinary medicine Offers broader species coverage and greater depth than any cytology reference currently available Veterinary Cytology is an essential resource for clinical and anatomic pathologists and any specialist in areas using cytology, including veterinary oncologists, criticalists, surgeons, ophthalmologists, dermatologists, and internists. Combining essential hematology content with the diagnostic features of an atlas, Veterinary Hematology: A Diagnostic Guide and Color Atlas delivers all the information you need to accurately assess and diagnose the blood diseases of common domestic animals — including dogs, cats, horses, cattle, sheep, goats, pigs, and llamas. This all-in-one resource utilizes a clinically-oriented and user-friendly

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approach to guide you through the processes of selecting relevant diagnostic tests, collecting and preparing samples, interpreting sample results, and determining their clinical significance. High-resolution photomicrographs, full-color illustrations, and excellent schematic drawings, tables, and quick-reference algorithms help you clearly visualize these concepts and procedures. Two books in one gives you the information of a user-friendly, clinical textbook and the diagnostic features of a color atlas in a single reference. Practical, clinically-relevant text is comprehensive and yet concise in its delivery of vital information such as: Principles and procedures that are employed in recognizing normal, abnormal, and artifactual features of blood and bone marrow samples and developing accurate diagnoses Common cytochemical stains and summary charts for interpretation Sample collection, staining procedures, and diagnostic techniques Differentiating features of malignant and benign hematologic disorders Miscellaneous cells and blood parasites and their significance in the evaluation of blood smears Hematopoietic and non-hematopoietic neoplasms High- resolution photomicrographs and excellent schematic drawings, tables, boxes and quick-reference algorithms aid your understanding of basic clinical concepts and differential diagnostic considerations. Over 800 full-color illustrations help you clearly visualize the concepts and clinical features of the blood and bone marrow — from normal cell maturation to the development of various pathologies.

Guest Edited by Drs. Colleen Duncan and Bruce Wobeser, this issue focuses on Equine Pathology and Laboratory Diagnostics. Articles include: Field Necropsy of the horse, Skin disease, Enteric diseases, Neurologic diseases, Musculoskeletal diseases, Reproductive disorders, Toxicology, Diseases of the urinary system, and more! Concise discussions address laboratory approaches to

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various disorders, possible conclusions from various test results, artifacts and errors in diagnoses, and interpretations leading to various diagnoses. Hundreds of tables, boxes, algorithms, and key points offer at-a-glance information including cautions, common pitfalls, and helpful "pearls," and lead to proper differential and clinical diagnostic decision making. Note boxes identify key considerations in correlating clinical signs with test data for accurate diagnoses, highlight safety precautions, and offer helpful tips for sample preparation and interpretation. Chapters on laboratory diagnostic toxicology and therapeutic drug monitoring help in handling potentially fatal poisonings and other special situations. Expert editors and contributors provide clinical knowledge and successful diagnostic problem-solving solutions.-

Veterinary Clinical Pathology: A Case-Based Approach presents 200 cases with questions for those interested in improving their skills in veterinary clinical pathology. It emphasises an understanding of basic pathophysiologic mechanisms of disease, differential diagnoses and recognition of patterns associated with various diseases or conditions. Top

A clinician and a pathologist have collaborated to produce this thorough and balanced account of infectious diseases affecting horses. The book evaluates the latest diagnostic aids, including rapid developments in molecular biology, while emphasising that they are no substitute for clinical observation and skills. The majority of equine infectious diseases are covered. This issue on Equine Neonatology is guest edited by Pam Wilkins and covers topics such as: Imaging the Equine Neonatal Respiratory Tract: CT and Radiographs; Defining the Systemic Inflammatory Response Syndrome in the Equine Neonate; Ultrasonographic Examination of the Equine Neonate: Thorax and Abdomen; The Equine Neonatal

Download Ebook Equine Pathology And Laboratory Diagnostics An Issue Of Veterinary Clinics Of North America Equine Practice 1e The Cardiovascular System in Health and Disease;The Transition From Fetus to Neonate. The Renal System;Sepsis and Septic Shock in the Equine Neonate;The Equine Neonatal Acute Abdomen;Anesthesia of the Equine Neonate in Health and Disease;The Normal and Abnormal Equine Neonatal Musculoskeletal System, and more!

Diagnostic Cytology and Hematology of the Horse is a practical reference that presents common clinical findings in an easy-to-use text/atlas format. A general chapter discusses sample collections and techniques, followed by a 'systems' approach and chapters on specific types of fluid. Within systems chapters, normal findings are established and then abnormal findings are presented by class of problems, such as bacterial lesions, fungal lesions, parasitic lesions, etc. in the case of the eye. Algorithms on sample evaluations enhance text discussions by guiding readers to the most likely cytologic diagnosis. In addition, a color plate section features 64 illustrations for convenient comparison of cell types and infectious agents. A detailed index makes this edition even more useful as a quick clinical reference, ideal for helping readers understand correct collection and handling procedures, avoid costly errors, and make accurate diagnoses.

This book provides in-depth information about common clinical laboratory assays that are used to evaluate domestic mammals, including what assays measure, sample or assay conditions that affect results, and what results indicate about the physiologic or pathologic state of a patient. Whenever possible, diseases and conditions are grouped by common mechanisms or processes to promote a conceptual understanding of laboratory data that can be generally applied across many species. New to the second edition are additional disorders, diagnostic

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tests, illustrations, images, references, and pathophysiologic explanations. This text has proven valuable to students and veterinarians wanting a fundamental understanding of veterinary clinical pathology.

Veterinary Laboratory Medicine covers all aspects of basic clinical biochemistry and haematology, and includes test-by-test interpretation of laboratory results. Information is provided on sampling techniques, the selection and use of an external laboratory, as well as near-patient testing and the practice laboratory. Also included are step-by-step instructions for most commonly used point-of-care tests, a guide to the evaluation of instruments for in-practice use, and a detailed explanation of the principles of impedance counting and photometric analysis. The book will be ideal for practitioners who require a guide to laboratory work, and for veterinary students studying laboratory medicine and clinical pathology. The second edition has been fully updated to reflect advances in diagnostic techniques, and includes new chapters on diagnostic endocrinology and feline virus testing as well as a much expanded chapter on diagnostic profiling and pattern recognition. This issue of Veterinary Clinics: Equine Practice, guest edited by Dr. Sally DeNotta and Dr. Tracy Stokol, focuses on Clinical Pathology for the Equine Practitioner. This is one of three issues each year selected by the series consulting editor, Dr. Thomas J. Divers. Articles in this issue include, but are not limited to: practical tips on sample handling for hematology, biochemistry and cytology, what a hemogram can tell you, bone marrow,

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update on coagulation, inflammatory markers, point-of-care diagnostics, clinical pathology in the foal, synovial, CSF, peritoneal, and pericardial fluids, airway diagnostics, liver and GI clinical pathology in sick adult horses, renal clinical pathology and urinalysis in sick adult horses, and clinical pathology in the performance horse.

Pathology of Small Mammal Pets presents a ready reference for veterinarians, veterinary pathologists, and technicians who work with small mammal companion animals. Provides up-to-date, practical information on common disease conditions in small mammal companion animals Offers chapters logically organized by species, with comprehensive information on diagnosing diseases in each species Takes a practical, system-based approach to individual disease conditions Covers clinical signs, laboratory diagnostics, gross pathology, histopathology, and differential diagnoses in detail Includes relevant information for conventional breeding operations and breeding facilities, with strategies for disease management in herds and colonies Features information on normal anatomy in included species to assist in recognizing pathology

The newly revised Third Edition of Veterinary Hematology, Clinical Chemistry, and Cytology delivers a thorough and focused exploration of the basic principles of veterinary lab testing and diagnosis, as well as the cytology, hematology, and chemistry of common domestic and non-domestic species. The book offers readers an expanded wealth of clinical case presentations, providing case data and narrative

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discussions designed to promote skill development. The book is packed with information useful to veterinary students, technicians, pathologists, and researchers, and includes access to a companion website that offers clinical cases and the figures from the book in PowerPoint. Heavily and clearly illustrated, with a strong practical emphasis, this latest edition includes a brand-new section on veterinary cytology and a chapter on laboratory diagnosis of infectious diseases as well as updated information throughout that keeps pace with the rapidly developing field of clinical pathology. The book includes: A comprehensive overview of laboratory testing and diagnosis principles, with unique emphases on interpretive perspectives and slide preparation techniques. A complete treatment of hematopathology of domestic animal species, organized by erythrocytes, leukocytes, platelets, bone marrow, hemostasis, and transfusion medicine. A comprehensive treatment of clinical biochemistry in domestic animals organized by organ system, including electrochemical evaluation of electrolyte and acid-base pathology. A complete treatment of domestic animal cytology organized by both common collection sites and principles of inflammation, infectious agents, and neoplasia. Complete sections covering practical treatment of hematology and clinical biochemistry of non-domestic mammals, birds, reptiles, fish, and amphibians. Veterinary Hematology, Clinical Chemistry, and Cytology is a one-stop reference on veterinary laboratory diagnostic techniques and interpretation ideally suited for veterinary students, veterinary technicians, general practitioners, and

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This book offers a sampling of cytological features and patterns as an aid to study, revision and continuing education for veterinarians in practice and training, for veterinary students, nurses, and technicians. The cases are presented randomly, are illustrated by 267 photomicrographs in full color, and appear as self-assessment questions and detailed explanatory answers. Species covered include the dog, the cat, and the horse, with additional material on the cow.

Exotic Animal Laboratory Diagnosis is a practical, user-friendly guide to diagnostic testing in a wide range of exotic species. Offers complete information on obtaining samples, performing tests, and interpreting laboratory results in exotic animals Presents information on each species using a similar format for easy access

Emphasizes details on clinical biochemistries, urinalysis, and common laboratory diagnostic tests not found in other resources Draws together information on selecting, performing, and using diagnostic tests into a single easy-to-use resource Covers a wide range of species, including small mammals, primates, reptiles, aquatic animals, and wild, laboratory, and pet birds

Every day, you are faced with a deluge of common and not-so-common problems. The 5-Minute Veterinary Consult: Canine and Feline offers authoritative coverage and timely answers to all your questions. It is a clinical reference loaded with practical information from leading experts in small animal practice. This text is an important resource you can use every day. A quick reference resource of internal medicine in canine and feline health,

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the book includes: over 700 specific disorders...contributions from nearly 300 leading authorities in the field...and 17 section editors covering every specialty of small animal practice. The 5-Minute Veterinary Consult: Canine and Feline is broken into three major sections. The Problems is a concise, targeted focus on primary signs and symptoms for fast and accurate recognition. The Laboratory offers profiles that give easy access to indications, interpretations, and pitfalls of each study to help you make better decisions and save time and money. The Diseases alphabetically lists every common condition you manage in the dog and cat, as well as less common ones, so you, ll be prepared no matter what shows up in your waiting room. All the major topics are listed alphabetically in a consistent one- or two-page format. Excellent appendices provide a convenient one-stop location for conversion tables, lab values, and drug information.

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!

The completely revised 2nd Edition shows how to interpret results from abnormal clinical pathology findings

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for dogs, cats, horses, and ruminants. It conveniently provides differential diagnostic considerations in tables and algorithms*to help readers find specific information at a glance. This handy guide also describes the pathophysiology responsible for abnormal clinicopathologic findings.

Illustrated with over 1000 color images of the highest quality, Bovine Pathology: A Text and Color Atlas is a comprehensive single resource to identifying diseases in dairy cattle, feedlot cattle, and their calves. With summary text describing key features, the book correlates clinical information with pathology and differential diagnoses. The text covers naked-eye macroscopic appearance, through to microscopic pathology, and the immunohistochemistry of infectious agents and tumor markers. Structured by major organ system, the disease entries follow a consistent format and clarity of display. Serving as an essential reference work for veterinary pathologists who perform bovine necropsies, veterinary residents and students, the book is also practical enough for bovine practitioners who need to investigate sudden death losses of cattle on the farm.

Hematopoietic neoplasms are the most common animal tumors for which chemo- or radiation therapy are now given. New research, information, and images unavailable in any previous publication now make it possible to examine these diseases, categorize for treatment, and in some cases ascertain the impact on survival. A ground-breaking book in veterinary medicine, Veterinary Comparative Hematopathology is a heavily

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illustrated comprehensive reference on hematopoietic neoplasms in domestic and laboratory animals. The book enables veterinary pathologists and oncologists to provide more specificity in both diagnosis and therapy, and will serve as a seminal reference for future work in the field. The book offers a unique comparative approach based on the WHO classification of these tumors in humans. Known animal tumors are described and compared to their counterparts in humans. Those tumors now defined in humans but without a recognized animal counterpart are described in the human context, thus better facilitating future identification in animals. Ground-breaking book in veterinary medicine Over 1400 color images Comprehensive reference for veterinary pathologists and oncologists Unique comparative approach makes this a seminal text on animal tumors A comprehensive reference standard for the discipline, Canine and Feline Gastroenterology covers the biology, pathobiology, and diagnosis and treatment of diseases of the gastrointestinal, pancreatic, and hepatobiliary systems. An international team of experts, including 85 authors from 17 different countries, led by Robert Washabau and Michael Day, covers everything from minor problems such as adverse food reactions to debilitating inflammatory, infectious, metabolic, and neoplastic diseases of the digestive system. This authoritative text utilizes an evidence-based approach to reflect the latest science and research, complemented by principles of problem solving, algorithms to improve clinical diagnoses, and extensive full-color illustrations. For generalists and specialists alike, this

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gastroenterology reference should be part of every serious practitioner's professional library. A comprehensive, 928-page reference standard covers the discipline of canine and feline gastroenterology. An international focus is provided by 85 authors from 17 different countries, including renowned experts in veterinary gastroenterology, internal medicine, pathology, clinical pathology, radiology, and infectious disease. Coverage of the entire breadth and depth of gastroenterology ranges from biology to pathobiology, as well as diagnosis and treatment of diseases of the gastrointestinal, pancreatic, and hepatobiliary systems. Current information on GI microflora, immunology, cellular growth, and systems integration provides a foundation for treating clinical problems. Coverage of diseases in dogs and cats includes the oral cavity, esophagus, stomach, small intestine, large intestine, colon, anorectum, liver and biliary tract, exocrine pancreas, peritoneum, and associated vasculature. A focus on patient management examines the full range of procedures and techniques essential to diagnosis and treatment from clinical signs and diagnosis to nutritional support and pharmacologic management of disease. Clear explanations of current diagnostic modalities include laboratory tests, molecular methods, diagnostic imaging, endoscopy, and histopathology, also showing how to interpret and utilize results. A strong clinical approach emphasizes need-to-know information for managing the common and not-so-common G.I. clinical problems of everyday practice. Full-color photographs and illustrations depict concepts, conditions, and

procedures. An evidence-based medicine perspective reflects the latest research as well as the modern practice of veterinary medicine. Logical, coherent, and consistent internal organization makes this a reader-friendly edition. Problem-based algorithms help in diagnosing every G.I. clinical problem from A to Z. A stand-alone section on the pharmacologic approach to G.I. disease offers quick and easy drug reference. Pathology of Wildlife and Zoo Animals is a comprehensive resource that covers the pathology of wildlife and zoo species, including a wide scope of animals, disease types and geographic regions. It is the definitive book for students, biologists, scientists, physicians, veterinary clinicians and pathologists working with non-domestic species in a variety of settings. General chapters include information on performing necropsies, proper techniques to meet the specialized needs of forensic cases, laboratory diagnostics, and an introduction into basic principles of comparative clinical pathology. The taxon-based chapters provide information about disease in related groups of animals and include descriptions of gross and histologic lesions, pathogenesis and diagnostics. For each group of animals, notable, unique gross and microscopic anatomical features are provided to further assist the reader in deciding whether differences from the domestic animal paradigm are "normal." Additional online content, which includes text, images, and whole scanned glass slides of selected conditions, expands the published material resulting in a comprehensive approach to the topic. Presents a single resource for performing

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necropsies on a variety of taxa, including terrestrial and aquatic vertebrates and invertebrates Describes notable, unique gross and microscopic anatomical variations among species/taxa to assist in understanding normal features, in particular those that can be mistaken as being abnormal Provides consistent organization of chapters with descriptions of unique anatomic features, common non-infectious and infectious diseases following brief overviews of the taxonomic group Contains full-color, high quality illustrations of diseases Links to a large online library of scanned slides related to topics in the book that illustrate important histologic findings Guest edited by Drs Megan Shepherd and Patricia Harris, this issue of Veterinary Clinics: Equine Practice will cover several key areas of interest related to Equine Nutrition. This issue is one of three selected each year by our series Consulting Editor, Dr. Thomas Divers. Articles in this issue include but are not limited to: What all Veterinarians need to know about equine nutrition, How to avoid getting on the wrong side of the regulatory authorities, How to approach a nutritional investigation/assessment, Forage based nutrient deficiencies and toxicities, How can nutrition help with GIT based issues, Nutritional considerations when dealing with an underweight adult or senior horse, Nutritional considerations when dealing with an obese adult or senior horse, Nutrition and muscle, Nutrition and the broodmare, How safe and efficacious are certain nutraceuticals really, and more. A comprehensive volume on clinical pathology and diagnostic techniques for the small animal practitioner!

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Topics will include pancreatic testing, renal function testing, diagnosis of small intestinal disorders, hypocalcemia of critical illness, lactate in clinical practice, cardiac biomarkers, disorders of iron metabolism, lymphoma diagnostics, coagulation disorders, molecular approaches to the diagnosis of infectious diseases, hepatobiliary disease, and much more!

Now available in easy-to-use PDA format, The 5-Minute Veterinary Consult: Equine provides concise, practical, up-to-date information on almost all diseases and clinical problems in equine medicine. Emphasis is placed on definition, pathophysiology, diagnosis/treatment of problems, and diseases likely to be encountered by equine practitioners. This PDA reference covers three major areas: Problems & Physical Findings, Diagnostic & Laboratory Findings, and Diseases & Clinical Syndromes. Features include: coverage of more than 500 diseases and conditions; organization by body system; information on clinical pathology and laboratory medicine for each disease; and complex diseases covered in a quick-reference format.

Dean H. Percy's name appears first on previous editions. Equine Pathology and Laboratory Diagnostics, An Issue of Veterinary Clinics of North America: Equine Practice, Elsevier Health Sciences

Veterinary Hematology and Clinical Chemistry Veterinary Hematology and Clinical Chemistry Veterinary Hematology and Clinical Chemistry, Second Edition is a well-illustrated, user-friendly reference on veterinary laboratory diagnostic techniques and interpretation. Covering both hematology and chemistry for a wide range of species, including birds, reptiles, amphibians, and fish, the book provides an overview of these critical veterinary skills. This second edition includes many revisions and additions, including new chapters on

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molecular diagnostics of hematologic malignancies and lipid pathology, updates to reflect advances in diagnostic instrumentation and capabilities, significant revisions to the data interpretation chapter to provide introductory guidance, and current information on immunodiagnostics and laboratory diagnostics of renal, endocrine, and calcium metabolic pathologies. Beginning with the basic principles of laboratory testing and diagnosis, the book moves into in-depth information on hematology and chemistry of common domestic and non-domestic species. Clinical case presentations, supplying case data and offering narrative discussions to promote skills, have been expanded and incorporated into the body of the book. Packed with useful information for veterinary students, technicians, pathologists, and researchers, *Veterinary Hematology and Clinical Chemistry* is an essential addition to any veterinary library.

KEY FEATURES Clear, concise guide to veterinary laboratory diagnostic techniques and interpretation Covers hematology and chemistry for a wide range of species, including valuable information on birds, reptiles, amphibians, and fish Encompasses both basic principles and more in-depth explanations of laboratory testing and diagnosis Adds new chapters on molecular diagnostics of hematologic malignancies and lipid pathology, as well as revised information throughout to reflect advances in the field Offers 74 case studies to promote skills in laboratory data interpretation and diagnosis Includes access to a companion website offering review questions in PowerPoint at www.wiley.com/go/thrall

RELATED TITLES *Veterinary Hematology: Atlas of Common Domestic and Non-domestic Species, Second Edition* By William J. Reagan, Armando R. Irizarry Rovira, and Dennis B. DeNicola 9780813828091 *Schalm's Veterinary Hematology, Sixth Edition* Edited by Douglas J. Weiss and K. Jane Wardrop 9780813817989

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Duncan and Prasse's Veterinary Laboratory Medicine: Clinical Pathology, Fifth Edition Edited by Kenneth S. Latimer 9780813820149

Equine Clinical Pathology is the first complete resource for hematology and clinical chemistry in horses. Encompassing the basic principles and advanced interpretation, the book's single-species approach to pathology allows for focused coverage of the unique disease characteristics of equids. Equine Clinical Pathology is equally useful for anyone using clinical pathology as a diagnostic tool, from beginning student to experienced specialist. The heart of the book is organized by body system, making it easy to find and apply information. Chapters cover general laboratory medicine, including instruments and techniques, hematology, and proteins as well as specific organs such as the kidney and liver. Equine Clinical Pathology is a useful bench-side reference for anyone involved in laboratory medicine for the horse. Key features

- Presents a comprehensive reference for clinical pathology in horses
- Offers an equal emphasis on hematology and clinical chemistry
- Encompasses basic instrumentation and techniques to advanced interpretation
- Provides thorough coverage of the unique disease characteristics in the horse
- Uses a logical body system organization for ease of access

Color Atlas of Equine Pathology offers a practical guide to identifying equine diseases, presenting a single resource with more than 1000 images showing predominantly gross pathology. Organized by body systems, the book allows for picture matching during or after an equine necropsy. In this user-friendly atlas, each chapter takes a common format, presenting the disease process as well as congenital, degenerative, inflammatory, and neoplastic sequences, with text boxes offering quick reference to key information. The book begins with an introductory chapter summarizing the principles of the equine field necropsy, and subsequent

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organ-based chapters depict gross features of disease, focusing on macroscopic digital images supplemented by histology and immunohistochemistry when necessary. Some clinical information for correlation with pathology is included. Color Atlas of Equine Pathology is an essential resource for diagnostic veterinary pathologists and pathology residents, as well as for equine practitioners performing necropsies in the field. Key features

- Presents more than 1,000 high-quality color images showing primarily gross pathology and significant histopathology and indirect immunohistochemistry
- Aids identification of equine disease, with a user-friendly format to show the correlations between clinical signs and gross and microscopic lesions
- Provides a comparison guide for clinical presentations during or after an equine necropsy
- Offers a synopsis of the principles of the equine field necropsy
- Covers diseases found in the neonate, juvenile, and adult horse
- Focuses on diseases usually found in North America

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