

## Bsava Manual Of Canine And Feline Radiography And Radiology A Foundation Manual

New case studies Advice to give to pet owners What to test for (which test for which disease) and the techniques Increased focus on principles Updated figures and images More detail on sampling, genetic testing Diagnosis on genetic and inherited diseases Principles of testing and interpreting results This new edition of a must-have manual, edited by Elizabeth Villiers, Jelena Ristic and Laura Blackwood, features new case studies and updated images. There is an increased focus on principles, testing and interpreting results as well as sampling, genetic testing and diagnosing genetic and inherited diseases. Fully revised and expanded, this manual contains not just advice for the busy practitioner, but also for the concerned owner and how they can play a part in the treatment of their pet.

This best selling manual has been fully revised and updated with the latest information. New chapters include neurological genetic disease testing and counselling; adjunctive therapies; and nutrition. This edition will also feature a DVD-ROM with video clips.

This unique book, written by specialists from the UK, the USA, Canada, Australia and South Africa, bridges the disciplines of clinical pathology, internal medicine and critical care in a single volume. The Manual is divided into three sections: haematology, haemostasis and transfusion medicine. Within each section, review chapters are augmented by contributions on selected topics of interest to the practitioner. Methods of sample collection and interpretation for routine haematology, haemostatic function and bone marrow analysis are reviewed and new developments, such as flow cytometry for typing leukaemias, outlined. The diagnosis and management of a range of major infectious, immune-mediated and neoplastic diseases of the haematopoietic system are discussed. A chapter on canine babesiosis is timely, given the recent reports of cases in the UK, and a chapter is also included on the feline pathogen *Haemobartonella felis*. A wealth of excellent colour photographs throughout the book illustrates cell types and abnormalities, plus techniques such as blood transfusion. The range of coverage and the practical information in this Manual will render it of great value in the practice setting. BSAVA, BVNA and FECAVA members can claim their member discount by ordering direct from: British Small Animal Veterinary Association Woodrow House, 1 Telford Way, Waterwells Business Park, Quedgeley, Gloucester, GL2 4AB, Tel: 01452 726709, Fax: 01452 726701, E-mail: publications@bsava.com

Building on the success of the BSAVA Manual of Small Animal Arthrology, this new Manual has broadened its remit to cover conditions of bone, tendon and muscle, to provide a ready reference for the small animal practitioner faced with a dog or cat showing lameness, stiffness or joint pain. The early parts of the Manual deal with generic issues related to the biology, diseases and treatment of bones, joints, muscles and tendons. Arthritis is addressed in detail, with notes on the modern approach to management. Chapters on surgical principles and instrumentation, biomaterials, arthroscopy and postoperative management address the general issues encountered in joint surgery. Chapters focussed on each of the major synovial joints, including the temporomandibular joint, then follow. Each of these joint-specific chapters deals with basic anatomy and surgical approaches, before describing the conditions that affect the particular joint. Common surgical procedures on joints are described with the use of Operative Techniques. Possible pitfalls and key points are highlighted, so as to make maximum use of the experience of the international panel of authors. The Operative Techniques are illustrated with the specially commissioned colour drawings that are so much a hallmark of BSAVA Manuals.

Under the guidance of the new editorial team, this new edition has been completely revised and updated. The book has been refocused solely to cats and dogs and reorganized, while retaining the practical approach. The first section covers anatomy and physiology of the oral cavity, diagnostic techniques, anaesthesia and analgesia, and dental instrumentation and equipment. There is also a separate chapter dedicated to operator health and safety considerations. The remainder of the manual focuses on conditions encountered in small animal practice, including developmental abnormalities, fractures and attrition. Inflammatory and infectious disease - stomatitis and periodontitis - are discussed in detail for both cats and dogs. A chapter on surgery details extraction procedures. The manual is illustrated throughout with full-colour photographs as well as retaining the clear procedural diagrams drawn by editor David Crossley.

The second edition of this best selling Manual has been thoroughly revised and updated under the direction of the new editorial team of John Williams and Alison Moores. Topics covered include wound healing, decision-making in closure, axial pattern flaps and pedicled muscle flaps. In addition, the Manual features case studies and step-by-step operative techniques. Specially commissioned illustrations accompany the chapters.

Building on the success of the previous edition, the BSAVA Manual of Canine and Feline Gastroenterology, 2nd edition incorporates not only the new information available since the original publication but also additional chapters on diagnostic techniques and presenting complaints. Part 1 considers diagnostic techniques, with chapters on the approach to a gastrointestinal case, laboratory evaluation, imaging, endoscopy, immunology and biopsy. The completely new chapter on imaging of the gastrointestinal tract, liver and pancreas covers in detail the modalities most frequently employed in small animal practice, namely radiography and ultrasonography, whilst also briefly discussing more advanced techniques of Doppler and harmonic ultrasonography, scintigraphy, CR and MRI. The short chapters in Part 2 provide a practical approach to investigating presenting complaints: dysphagia and regurgitation; vomiting; acute and chronic diarrhoea; malabsorption; GI haemorrhage; dyschezia and tenesmus; jaundice; hepatic encephalopathy and infectious diseases. All follow the same basic format: outlining the clinical features, ranking the differential diagnoses in order of importance, and providing step-by-step algorithms for diagnosis. The more traditional organ-based systems approach in Part 3 has been expanded from the previous edition to include chapters on disorders of the oral cavity, perineum and anus, and biliary system. Each chapter is presented in a similar style, starting with a brief description of relevant anatomy and physiology, then detailing diagnostic tests, and concluding with a discussion of the disorders that can be encountered, including their treatment. The completely new final part contains chapters devoted to critical care, assisted feeding techniques, and an overview of therapeutics. The chapters, written by a host of international authors, all experts in their field, are accompanied throughout by full colour illustrations.

Companion animals are undergoing previously un contemplated treatments and surviving what would once have been rapidly fatal conditions. This NEW Manual is aimed at the whole veterinary team, drawing on all their skills to help patients achieve as full a function and quality of life as possible after surgery, trauma or disease, and to manage chronic conditions effectively for the benefit of animal, owner and the practice team. Part One discusses the principles of rehabilitation, supportive and palliative care. The science behind pain and its management, clinical nutrition and physical therapies is explored, and clinical applications reviewed with reference to published evidence of efficacy and/or effectiveness. In Part Two, this truly innovative Manual presents a collection of Case Studies across a range of canine and feline patients - from discospondylitis to glaucoma in dogs and from triaditis to leg amputation in cats. The following are considered for every case, with expert assessment from the contributors to Part One of the book: • Acute and chronic pain management • Fear, stress and conflict concerns • Nutritional requirements • Physiotherapy • Hydrotherapy • Acupuncture • Nursing and supportive care • Owner advice and homecare recommendations.

BSAVA Manual of Canine and Feline Behavioural MedicineBSAVA

This new edition presents a logically arranged and readily accessible source of practical information for general practitioners, veterinary surgeons studying for certificate level qualifications in

surgery, veterinary students, nurses and technicians. The manual covers investigation of lameness, and other musculoskeletal disorders, principles of orthopaedic surgery and the management of disorders affecting specific joints. Imaging and operative technique sections provide a ready practical reference.

Includes new information on the behavioural problems of some dogs and what to do about those problems.

The past 20 years has seen a remarkable growth in the knowledge base and skill set available in small animal practice the range of specialist information now available may appear daunting to the relatively inexperienced vet looking for a concise answer to one of the many common problems presented in the consulting room. Authored by vets with many years of experience in general practice, this new Foundation Manual aims to provide the first port of call for the busy practitioner faced with uncertainty over a new case. Common sense, first line approaches are given in a problem oriented setting stemming from the nose to tail examination. The Manual is broadly divided into three sections: The Art of Canine Practice Common Consultations Common Clinical Presentations.

This brand new Manual focuses on soft tissue surgery of the head, neck and thorax. Together with its companion volume, the BSAVA Manual of Canine and Feline Abdominal Surgery, it highlights for the veterinary surgeon in general practice the most commonly performed techniques. Procedures that are undertaken by those surgeons with more experience are also discussed so that practitioners can better inform their clients as to clinical options. The Manual begins with a consideration of general patient assessment and stabilization, anaesthesia and analgesia, and postoperative care for surgical conditions of the head, neck and thorax. An illustrated description of surgical instruments and materials follows. Chapters on different organs/systems consider relevant anatomy, clinical signs and diagnostics, and medical treatment in addition to surgical techniques. Emergency management of respiratory distress is described, including instructions on how to perform an emergency tracheostomy. Surgical approaches to the thoracic wall and drainage of the thoracic cavity are described in detail and illustrated. Step-by-step Operative Techniques detail the common procedures in an easy-to-follow practical way, with notes on patient positioning and preparation, instrumentation and postoperative care. Full-colour photographs and specially commissioned drawings illustrate both the Operative Techniques and the accompanying text. Surgical diseases of the head, neck and thorax are considered a challenge by many surgeons. This Manual, written by an international panel of authors, serves to demystify common techniques and provide a firm foundation for further development of surgical skills.

Confident radiographic interpretation presents a considerable challenge and the BSAVA Manual of Canine and Feline Radiography and Radiology provides a comprehensive review of the approach to radiological interpretation, the range of variants and the key fundamental principles and their application to common diseases. This Foundation Manual replaces the classic BSAVA Manual of Small Animal Diagnostic Imaging as an introduction for veterinary students, nurses and new graduates. The Manual features high quality radiographic reproductions demonstrating normal anatomy and key aspects of interpretation, as well as illustrations showing patient positioning and the practical approach that is the hallmark of the BSAVA Manuals. The latest edition of the critically acclaimed Small Animal Endoscopy presents informative, practical, and up-to-date guidance on endoscopic indications, instrumentation, patient preparation, and techniques. Todd R. Tams and Clarence A. Rawlings, the foremost experts in veterinary endoscopy, provide the novice as well as the advanced practitioner with the information needed to deliver the safest, high-quality endoscopic services for small animals, including avian and exotics. Chapters are organized consistently and lavishly illustrated to help you easily find and understand key concepts and procedures. This edition includes a companion website with expert demonstrations of techniques. Enables you to deliver the safest, high quality care and a wider range of services to the pets of increasingly concerned and savvy owners. Features cutting-edge information on minimally invasive procedures to improve diagnostic accuracy, reduce operating time, improve success, minimize post-operative stress and pain, and promote faster healing. Helps you recognize the many indications for endoscopy in everyday practice. Covers a vast range of topics in a clear, concise and readable style. Describes instrumentation, examination, and sample procurement techniques in detail. Shows both normal and abnormal findings you may encounter during a procedure in an atlas of images in relevant chapters. Provides minimally invasive examination and surgical options for veterinarians treating uniquely sensitive avian and exotic patients. Provides step-by-step instructions on specific techniques. Helps beginners master endoscopic diagnosis and treatment and more experienced endoscopists utilize their endoscopic equipment to its fullest capacity.

The BSAVA Manual of Canine and Feline Endoscopy and Endosurgery provides a comprehensive and practical guide for practitioners who wish to practice minimally invasive techniques. Routine procedures are described in detail and more advanced techniques suitable for advanced practitioners are also included. • All the chapters have been thoroughly revised and updated • Chapters on oesophagoscopy, interventional endoscopy and future developments are new to this edition • More detailed information on minimally invasive techniques in cats included throughout • The chapter on laparoscopy has been significantly expanded and covers techniques ranging from liver biopsy and ovariectomy to cholecystectomy and adrenalectomy Exclusive video content New to this edition are a series of videos that accompany the chapters. These videos are available from the BSAVA Library.

This, the second edition of the BSAVA Manual of Canine and Feline Musculoskeletal Imaging, has been extensively updated reflecting the dramatic changes that have taken place in radiography over the past 10 years. With the increasing availability of digital radiography in general veterinary practice and a greater accessibility to cross-sectional imaging techniques the editors have included five new chapters covering the basics of the different imaging modalities with particular reference to their use in musculoskeletal imaging. Comparisons are drawn between the different techniques and a generous use of illustrations and images bring an example driven clarity and understanding to the written word. As in the previous edition, the manual is structured along anatomical lines and the updated chapters have all been expanded to include more ultrasound as well as CT, MRI and scintigraphy. The practical nature of the manual makes it ideal for use in general practice as well as being a rich source of information for students and newly qualified veterinary surgeons. However, the depth of information supplied by an international panel of authors makes the BSAVA Manual of Canine and Feline Musculoskeletal Imaging second edition a useful reference for orthopaedic surgeons and specialist radiologists. Additionally, there is an accompanying CD featuring video clips as well as all the images used throughout the manual. This new edition reflects the huge advances in the field of cardiothoracic medicine that have taken place over the past ten years. Illustrated throughout, it features contributions from leaders in the fields of cardiology and respiratory disorders from the United Kingdom, Europe and the United States. The approach of the Manual has been remodeled to enhance the practitioner's access to information. The Manual begins with a look at the clinical approach to a range of common presenting signs. This is followed by details of diagnostic tests and techniques, including imaging and blood pressure measurement.

Therapeutic strategies for these are discussed, and detailed discussions of specific conditions are presented. Useful appendices include a drug formulary and ECG reference ranges

This brand new manual provides a practical guide on how to deal with various clinical situations that arise when working with cats and dogs in a shelter environment. The first part of the manual describes the principles of shelter medicine and population health. The second part covers the prevention, management and control of disease in a shelter environment. The final part provides information on working with people in the shelter environment.

Edited by John M. Williams and Jacqui D. Niles From routine ovariohysterectomies to emergency abdominal drainage for acute peritonitis, abdominal surgery is an essential topic in general small animal practise. Extensively revised and updated, with new chapters on laparoscopic surgery and urinary incontinence, the new edition of the BSAVA Manual of Canine and Feline Abdominal Surgery provides a ready source of practical information for veterinary surgeons, students, nurses and technicians. The Manual includes detailed surgical procedures, laid out in step-by-step Operative Techniques in an easy to follow and practical way, with notes on patient positioning and preparation, instrumentation and postoperative management. Specially commissioned drawings and full-colour photographs illustrate both the Operative Techniques and the accompanying text.

The third in the series, the BSAVA Manual of Advanced Veterinary Nursing, was written to provide a deeper level of information for qualified veterinary nurses, especially those undertaking Medical or Surgical Diplomas. The new edition has been completely revised and updated under the direction of the new editorial team of Alasdair Hotston Moore and Suzanne Rudd. Reflecting recent advances in nursing skills and training, the content has been upgraded to include more advanced procedures. Full colour photos and specially commissioned illustrations, together with text boxes and tinted tables ensure the easy-to-use format that is the trademark of the BSAVA Manuals.

The BSAVA Manual of Canine and Feline Abdominal Imaging is the third Manual in the diagnostic imaging series. The first section of the Manual outlines the approach to abdominal imaging, with chapters dedicated to radiography and ultrasonography. The remainder of the Manual is devoted to the individual body systems, including the liver and gallbladder, the kidneys and ureters, and the small intestine. Extensively illustrated throughout.

In the latest addition to the BSAVA imaging Manuals series, this book provides an overview of the physical principles of ultrasonography and discusses the equipment required as well as the general principles of the ultrasound examination. It then moves on to discuss body systems in individual chapters, with each chapter following a similar format: • Indications • Comparison of ultrasonography with radiography and CT • Imaging technique • Normal ultrasonographic appearance • Interpretation of disease. The Manual is extensively illustrated with images of both normal anatomy and the abnormalities associated with disease. In addition, as the moving image is such a vital part of interpreting ultrasound studies, a DVD-ROM featuring video clips relevant to the individual chapters accompanies this Manual. Emergency care is one of the most important areas of veterinary medicine. Building on the success of the previous editions, the international team of editors and authors have reviewed and updated the manual so that it reflects the continued growth in knowledge and understanding in this crucial area while remaining a highly practical resource. The introductory chapters, covering areas such as triage, catheterization and the assessment of shock and dyspnoea, sit alongside chapters that cover system specific emergencies, ranging from cardiac arrhythmias to uterine prolapse, and from corneal ulceration to fractures and luxations. The text is fully illustrated throughout. • Highly practical • Updated to reflect current knowledge in this crucial area • Illustrated throughout

Dermatology constitutes a large percentage of the daily caseload in small animal practice and can represent a challenge for the busy practitioner, as many different diseases have similar presenting signs. For this reason, a structured understanding of how to approach a dermatological case is essential for a successful outcome. The 4th edition of the BSAVA Manual of Canine and Feline Dermatology has been completely updated, chapters have been expanded and structurally divided to include the management of specific diseases and common dermatological cases, such as ectoparasite infestation and its treatment and prophylaxis, atopic dermatitis and its management, superficial and deep pyoderma and their treatment, feline-specific conditions and their management, autoimmune and immune-mediated diseases and a targeted management, etc. New chapters have also been added to this new edition, such topical treatments, nutrients of the skin and regional dermatoses. The manual begins by providing the reader with a grounding in examination and investigative techniques, including a new chapter on cytology. The second section focuses on a problem-oriented approach to common dermatological conditions and their management. The final part of the manual covers the major skin diseases of dogs and cats.

Building on the success of previous editions, the Editors have sought to marry the best of the old with the new. All chapters have been updated, or rewritten, by international experts to encompass the important advances made over the last several years, while keeping the text practical and user-friendly. The principles of diagnostics and clinical staging and of the main therapeutic modalities are outlined. Individual tumour types in the body systems of dogs and cats are then described, using a common approach to aid information retrieval on aetiology and pathogenesis, presentation and clinical signs (including staging/grading of tumours), management, and prognosis. A wealth of new photographs has been included to illustrate the clinical, diagnostic and therapeutic aspects of a range of tumours. The growing importance of ethical considerations and palliative care are also recognized, and exciting developments and treatment possibilities explored.

This new edition of the popular manual expands on the conditions covered in the second edition; common problems are assessed and the various treatment options considered. Guidance on long-term management of chronic conditions has also been expanded and extensively revised. Increased focus on diagnostic techniques for chronic kidney disease and incontinence Chapters covering the management of urinary incontinence and glomerulopathies Features a new chapter on kidney injury

The manual has been written with the veterinary surgeon in general practice in mind and it aims to offer both sound scientific information and practical easy-to-follow advice. Following a consideration of the role of behavioural medicine within the veterinary practice, the normal behaviours of cats and dogs are described. Some more theoretical chapters are included, to give a background understanding of learning theory, the physiology of fear, and types of aggression. But the major focus of the Manual is on the practical approach to history taking, diagnosis, treatment and prognosis, and follow-up of the range of behavioural problems encountered in dogs and cats. Colour photographs and specially commissioned drawings illustrate important features such as body postures, and tables throughout help the reader to access important information quickly.

This is a foundation level manual in the popular series from the BSAVA. It presents the basic principles upon which the practice of modern veterinary surgery is based. The principles of surgery will often dictate the outcome of a surgical procedure, more so than the use of the most up-to-date technique, and the surgeon ignores them at their peril. The BSAVA Manual of

Surgical Principles presents a solid grounding in the basic principles, with practical examples of why they are important, creating a manual that is very readable and relevant for the veterinary surgeon in practice.

This manual provides a practical, up-to-date approach to head, neck and thoracic surgery in dogs and cats. The chapters flow logically from the required surgical instrumentation and then into surgery, starting at the oral cavity and nose and working caudally. Each chapter describes diagnosis and treatment, with step-by-step operative techniques for selected procedures.

Since publication of the third edition in 2004 there have been important advances. Several endocrine disorders, such as feline acromegaly and hyperaldosteronism, have risen in importance. The use of diet and novel insulins in diabetic cats, and new drugs such as trilostane and methimazole, which were briefly mentioned in previous editions are now considered routine. In addition, the genetic risks associated with many disorders have been elucidated. • A new chapter presents the principles of interpreting endocrine test results and discusses how test performance is assessed in relation to diagnostic confidence. • The central section on glands and their diseases is presented in a standard format -- detailing physiology, aetiology, clinical features, diagnosis and treatment - to aid information retrieval. • The final section has been rewritten to focus on solving clinical and clinicopathological abnormalities with an endocrine dimension.

This new edition of one of the BSAVA's most popular Manuals has been extensively revised, drawing on the expertise of a predominantly new roster of authors. The Manual focuses on common ophthalmic conditions in dogs and cats, structured into examination and clinical techniques; diagnosis and treatment of common ocular diseases, and a problem-oriented approach to common clinical presentations. The Manual provides an accessible source of practical information for general practitioners, veterinary students, nurses and technicians, and will also be a useful resource for those working toward specialist qualifications.

New edition of a popular guide for small animal veterinary practitioners covering anaesthesia and its administration. This new edition covers not only the medical aspects, but also the legal, ethical and practical consequences before, during and after surgery. The use of anaesthetics and analgesics is broken down into their use in dental, ophthalmic and thoracic surgery among others, and the impact of various diseases and disorders on their efficacy. Provides advice on how to deal with complications and emergencies and techniques for managing pain.

The ability to repair and manage fractures is an everyday necessity in practice, and this new edition builds on the foundation laid by its predecessor, with an increased focus on implants, grafts and surgery. Previous sections have been expanded and updated: the manual gives a detailed overview of specific fractures and how to approach them; principles of fracture surgery and the necessary techniques and complications such as disease or implant failure and how to deal with them. The text is accompanied by full-colour illustrations and step-by-step guides, ensuring that information is both easy to follow and comprehensive.

Following the success of the first edition, this Manual has been completely updated and reorganized to be even more practical and user-friendly. It follows reproductive medicine from mating, through conception and birth, looking at problems such as infertility and dystocia along the way. Care of the neonate plus conditions that may affect new puppies and kittens are also included. New developments in drugs and in biotechnology are discussed. Full colour photographs and illustrations support the text, which has been prepared by international contributors.

Blackwell's Five-Minute Veterinary Consult Clinical Companion: Canine and Feline Behavior, Second Edition offers fast access to reliable, practical information on managing common behavior disorders in dogs and cats. Takes a new section approach to allow for easier browsing. Adds 19 new topics or algorithms covering separation anxiety, thunderstorm sensitivity, introducing pets to the family and each other, enrichment, geriatric behavior problems, handling techniques, urine marking, leash reactivity, pediatric behavior problems and best practices, and rescue pets. Offers a comprehensive guide to diagnosing and managing behavior problems in dogs and cats. Designed for fast access to information, with identically formatted topics for ease of use. Includes access to a companion website providing 43 client education handouts for download and use, including 25 brand-new handouts.

Following the success of previous editions, the BSAVA Manual of Canine and Feline Dentistry and Oral Surgery 4th edition is a timely publication in what is an internationally growing specialist field. It is an accessible source of core information for general small animal veterinary surgeons, students and nurses/technicians interested in developing their knowledge and practical skills in dentistry and oral surgery. New for this edition are the inclusion of step-by-step operative techniques with detailed full-colour photographs and new illustrations, including the process for taking dental radiographs, and techniques for the management of periodontal disease, dental and oral trauma, developmental disorders and neoplasia, and closed and open tooth extractions.

This manual is the second in the diagnostic imaging series. It begins by providing the reader with a grounding in the various imaging modalities: radiography, ultrasonography, computed tomography, magnetic resonance imaging, nuclear medicine and interventional radiological procedures. The second section is devoted to the individual body systems and includes chapters dedicated to the heart and major vessels, the lungs, the mediastinum, the pleural space and the thoracic boundaries. To aid the reader with information retrieval, each anatomical region is approached in the following way: radiographic anatomy and variations; interpretive principles; and diseases. Information on diseases is further subdivided into sections covering radiographic findings and the results and interpretation of other imaging studies. Each of the chapters is accompanied by a wealth of images, demonstrating both the normal radiographic appearance of structures and the abnormalities associated with disease. Specially commissioned illustrations provide an extra dimension.

[Copyright: 7d5fb8d84714e8c50fa577019c96024e](https://www.bsaava.com/bsava-manual-of-canine-and-feline-radiography-and-radiology-a-foundation-manual/)