

Anatomy And Physiology For Radiographers

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It is your very own become old to do its stuff reviewing habit. accompanied by guides you could enjoy now is **Anatomy And Physiology For Radiographers** below.

Applied Radiological Anatomy

Paul Butler 2012-07-05 This expanded new, full colour edition of the classic Applied Radiological Anatomy is an exhaustive yet practical imaging resource of every organ system using all diagnostic modalities. Every illustration has been replaced, providing the most accurate and up-to-date radiographic scans available. Features of the second edition: • Completely

new radiographic images throughout, giving the best possible anatomic examples currently available • Both normal anatomy and normal variants shown • Numerous colour line illustrations of key anatomy to aid interpretation of scans • Concise text and numerous bullet-lists enhance the images and enable quick assimilation of key anatomic features • Every imaging modality included Edited and written by a team of

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radiologists with a wealth of diagnostic experience and teaching expertise, and lavishly illustrated with over 1,000 completely new, state-of-the-art images, *Applied Radiological Anatomy*, second edition, is an essential purchase for radiologists at any stage of their career.

Anatomy and Physiology for Radiographers Charles K. Warrick 1973

Anatomy and Physiology for Radiographers Charles Kay Warrick 1960

Anatomy and physiology for radiographers. 2nd ed John Earlston BLEWETT (and RACKOW (Aubrey Maurice)) 1966

Anatomy, Physiology and Pathology for Radiographers Andrew L. Brown 1987

Merrill's Pocket Guide to Radiography - E-Book Eugene D. Frank 2012-10-14 Designed for quick reference in the clinical environment, *Merrill's Pocket Guide to Radiography* is a pocket-sized companion to *Merrill's Atlas of Radiographic Positioning and Procedures*, 12th Edition. This handy

resource summarizes essential information for 170 of the most frequently requested projections you'll encounter.

Authors Eugene Frank, Barbara Smith, and Bruce Long concisely present just the information you'll need for quick reference -- keep it with you and keep *Merrill's* close at hand! Diagnostic-quality radiographs demonstrate desired imaging results. Key positioning information is formatted for quick and easy access. Each procedure is presented in a two-color, two-page spread with bulleted, step-by-step procedures and accompanying images on the top page; and a chart with spaces to fill in the specific techniques used for a particular projection on the bottom page. Section dividers with tabs offer quick access to each section. Computed radiography information allows you to make the subtle adjustments necessary to obtain optimal results with CR. Exposure technique chart for every projection helps reduce the number of repeat

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radiographs and improves overall image quality. Abbreviations and external landmark charts on the inside covers provide quick access to frequently needed information. kVp values are included for each projection. Compensating filter information included for those projections where filters are used. New exposure index column for use with digital imaging systems Specific collimation settings for all projections done using DR Systems

Anatomy & Physiology Lindsay Biga 2019-09-26 A version of the OpenStax text

Handbook of Anatomy and Physiology for Students of Medical Radiation Technology 1981

Practical Radiological Anatomy Sarah McWilliams 2011-01-28 Practical Radiological Anatomy is an illustrated and concise revision textbook for radiology trainees learning to interpret all modes of imaging. Features: Uses a convenient format arranged by body system Contains high-quality images demonstrating the key features

of basic anatomy Supplies both conventional imaging and cross-sectional CT and MRI anatomy to aid preparation for the FRCA 2A modules Presents guidelines on how to interpret images Includes case studies in each chapter to illustrate the application of anatomy Discusses commonly encountered pitfalls Matches the current curriculum of the FRCA Part 1 and Part 2A exams The essential revision book for doctors training in radiology and preparing for the First FRCA exam, Practical Radiological Anatomy is also of great value to advanced radiology practitioners, nurse practitioners, emergency medicine doctors, and radiographers.

An Introduction to Radiography E-Book Suzanne Easton 2009-03-23 This book provides an overview of all aspects of radiography for the practitioner. It is written to address the areas of practice of assistant practitioners and practitioners within the clinical environment. Areas covered range from ethics and

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communication, through to the physics of radiography and x-ray production, and specialist techniques. Anatomy, physiology and pathology are also covered, ensuring the text is a complete introduction to radiography. Each chapter covers key points and provides revision questions (with answers) and recommended reading for exploring the chapter topic in more depth. Very structured text with clear headings and relevance to practice indicated throughout. Chapter style will enable students to dip into text to find relevant information as an aid to revision. Set of revision questions at end of each chapter. All contributors currently teach Assistant Practitioners and student radiographers.

Ecological and Environmental Physiology of Insects Jon F. Harrison

2012-01-26 Insects are the most ecologically important multicellular heterotrophs in terrestrial systems. This book presents a current and comprehensive overview of

how the key physiological traits of insects respond to environmental variation.

Skeletal Radiography Sheila Bull 2005 This is the second edition of an old favourite written for all students of radiography at all levels of interest. The book includes descriptions of projection radiographic techniques combined with an outline of the more common or noteworthy associated trauma and pathology. Each projection is numbered and cross-referenced; a useful table of projections is included at the beginning of each chapter. Skeletal Radiography provides a good introduction to the medical terminology encountered in radiographic practice. Content has been expanded and updated to take into account the latest guidelines from the Royal College of Radiologists, changes in treatments and other medical knowledge. Some new projections have been added, others removed and a few (notably in the skull chapters) have been retained.

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for historical interest.

Anatomy and Physiology for Radiographers and Radiologic Technicians

Charles Kay Warrick 1976

Human Sectional Anatomy

Harold Ellis 2007-11-30 First

published in 1991, Human Sectional Anatomy set new standards for the quality of cadaver sections and accompanying radiological images. Now in its third edition, this unsurpassed quality remains and is further enhanced by some useful new material. As with the previous editions, the superb full-colour cadaver sections are compared with CT and MRI images, with accompanying, labelled line diagrams. Many of the radiological images have been replaced with new examples, taken on the most up-to date equipment to ensure excellent visualisation of the anatomy. Completely new page spreads have been added to improve the book's coverage, including images taken using multidetector CT technology, and some beautiful 3D volume rendered CT images. The

photographic material is enhanced by useful notes, extended for the third edition, with details of important anatomical and radiological features.

Ross and Wilson Pocket

Reference Guide to Anatomy and Physiology E-Book Anne

Muller 2018-10-25 The new

Ross & Wilson Pocket

Reference Guide to Anatomy and Physiology is a quick

reference and revision guide designed specifically for the

needs of nursing and allied health students, as well as

those of paramedical science, operating department practice,

and complementary therapy.

The volume provides over 250 topics, each one presenting a

key anatomical structure

together with notes covering its anatomy, physiology and

clinical relevance. Designed for portability, this helpful pocket

guide is intended to facilitate and reinforce learning and

comes with a helpful online self-assessment program

containing a range of MCQs and anatomical labelling

exercises. Summarizes

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essential facts from the world's favourite human biology textbook! Presents over 250 key anatomical structures together with 'quick reference' revision notes regarding their structure, function and clinical relevance Straightforward language and user-friendly approach provides a useful, up-to-date aide-memoire in a helpful, easy-to-carry format Helpful website provides a range of self-assessment exercises on anatomy and physiology to help consolidate learning

Atlas of Normal Radiographic Anatomy and Anatomic Variants in the Dog and Cat -

E-Book Donald E. Thrall
2015-09-14 Equip yourself to make accurate diagnoses and achieve successful treatment outcomes with this highly visual comprehensive atlas. Featuring a substantial number of new high contrast images, Atlas of Normal Radiographic Anatomy and Anatomic Variants in the Dog and Cat, 2nd Edition provides an in-depth look at both normal and non-standard subjects along

with demonstrations of proper technique and image interpretations. Expert authors Donald E. Thrall and Ian D. Robertson describe a wider range of "normal" as compared to competing books — not only showing standard dogs and cats, but also non-standard subjects such as overweight and underweight pets and animals with breed-specific variations. Every body part is put into context with a textual description to help explain why a structure appears as it does in radiographs, and enabling practitioners to appreciate variations of normal that are not included, based on an understanding of basic radiographic principles. Radiographic images of normal or standard prototypical animals are supplemented by images of non-standard subjects exhibiting breed-specific differences, physiologic variants, or common congenital malformations. Images that depict a wider range of "normal" — such as images that detail the natural growth

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and aging characteristics of normal pediatric and senior animals — prevents clinical under- and over-diagnosing. In-depth coverage of patient positioning and radiographic exposure guidelines assist clinicians in producing the very best results. Unlabeled radiographs along side labeled counterparts clarifies important anatomic structures of clinical interest. High-quality digital images provide excellent contrast resolution and better visibility of normal structures to assist clinicians in making accurate diagnoses. Brief descriptive text and explanatory legends accompany all images to help put concepts into the proper context. An overview of radiographic technique includes the effects of patient positioning, respiration, and exposure factors. NEW! Companion website features additional radiographic CT scans and more than 100 questions with answers and rationales. NEW! Additional CT and 3D images have been added to each chapter to help

clinicians better evaluate the detail of bony structures. NEW! Breed-specific images of dogs and cats are included throughout the atlas to help clinicians better understand the variances in different breeds. NEW! Updated material on oblique view radiography provides a better understanding of an alternative approach to radiography, particularly in fracture cases. NEW! 8.5" x 11" trim size makes the atlas easy to store. *Anatomy and Physiology for Midwives E-Book* Jane Coad 2011-06-10 *Anatomy & Physiology for Midwives* 3rd edition builds on the success of the first two editions with electronic ancillaries, more accessible, woman-centred language and strengthened links with good practice. The book provides a thorough review of anatomy and physiology applicable to midwifery, from first principles through to current research, utilizing case studies for reflection. A comprehensive and well-illustrated textbook that is an essential purchase

for all students of midwifery.

Basic Anatomy and

Physiology Helen Graham Quiller Rowett 1973-06-01
Skeletal system - Muscular system - Nervous system - Sense organs - Skin - Trunk - Digestive system - Respiratory system - Blood vascular system - Lymphatic system - Excretory system - Endocrine system - Reproductive system ductive system m_

Imaging Atlas of Human Anatomy E-Book Jonathan D. Spratt 2010-03-02
Imaging Atlas of Human Anatomy, 4th Edition provides a solid foundation for understanding human anatomy. Jamie Weir, Peter Abrahams, Jonathan D. Spratt, and Lonie Salkowski offer a complete and 3-dimensional view of the structures and relationships within the body through a variety of imaging modalities. Over 60% new images—showing cross-sectional views in CT and MRI, nuclear medicine imaging, and more—along with revised legends and labels ensure that you have the best and most up-

to-date visual resource. This atlas will widen your applied and clinical knowledge of human anatomy. Features orientation drawings that support your understanding of different views and orientations in images with tables of ossification dates for bone development. Presents the images with number labeling to keep them clean and help with self-testing. Features completely revised legends and labels and over 60% new images—cross-sectional views in CT and MRI, angiography, ultrasound, fetal anatomy, plain film anatomy, nuclear medicine imaging, and more—with better resolution for the most current anatomical views. Reflects current radiological and anatomical practice through reorganized chapters on the abdomen and pelvis, including a new chapter on cross-sectional imaging. Covers a variety of common and up-to-date modern imaging—including a completely new section on Nuclear Medicine—for a view

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of living anatomical structures that enhance your artwork and dissection-based comprehension. Includes stills of 3-D images to provide a visual understanding of moving images.

Radiographic Pathology for Technologists - E-Book

Nina Kowalczyk 2017-08-08 Using an essentials approach, Radiographic Pathology for Technologists, 7th Edition concisely covers the injuries and abnormalities most frequently encountered in practice. This new edition has been updated to reflect the latest ACR appropriateness criteria and ASRT curriculum guidelines. It also features background discussions of key anatomy and physiology principles, along with imaging considerations for each disease categorized by type followed by a description of its radiographic appearance, signs and symptoms, and treatment. Essential level of coverage presents approximately 150 injuries and abnormalities most frequently diagnosed using medical imaging. Summary

tables at the end of each chapter list pathologies covered and the preferred imaging modalities for diagnosis. Correlative and differential diagnosis discussions explain the diagnostic process and demonstrate the importance of high quality images. Chapter outlines and objectives, key terms, and multiple choice and discussion questions for each chapter with answers provided in the back of the text highlight the most important concepts within each chapter. NEW! Updated content reflects the latest ACR Appropriateness criteria and ASRT curriculum guidelines. NEW! Current digital radiography practices and images covered throughout text. NEW! Radiographic images illustrate gastrointestinal, hepatobiliary, and urinary pathologies NEW! Replacement images and illustrations reflect current practice for general radiography and alternative modalities, such as CT, MR, and fusion imaging to help you understand how pathologies

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are demonstrated.

Essential Radiology Richard B. Gunderman 2011-01-01 This comprehensive introduction to the essentials of radiology is designed to enable readers to excel at ordering the appropriate examination and reliably interpreting basic imaging findings. Organized around the major organ systems, it situates imaging within the larger context of the patient's clinical presentation, the pathophysiology of the disease or injury, the analysis and differential diagnosis of imaging findings, and the integration of each into patient management. Special features include: Concise reviews of key anatomic and physiologic principles Full integration of pathophysiology and imaging findings More than 600 exquisite illustrations demonstrating important concepts Mini-atlas of essential cross-sectional anatomy of the brain, chest, and abdomen **Essential Radiology** is an invaluable reference for learning how to make full use of radiology's extraordinary

promise in diagnosing disease and enhancing patient care. Instructors will find this an ideal book for course adoption.

Anatomy and Physiology for Radiographers and Radiographic Technicians C. K. Warrick 1976

Mader's Reptile and Amphibian Medicine and Surgery- E-Book Stephen J. Divers 2018-11-30 Known as "the bible" of herpetological medicine and surgery, Mader's Reptile and Amphibian Medicine and Surgery, 3rd Edition edited by Stephen Divers and Scott Stahl provides a complete veterinary reference for reptiles and amphibians, including specific sections on practice management and development; taxonomy, anatomy, physiology, behavior, stress and welfare; captive husbandry and management including nutrition, heating and lighting; infectious diseases and laboratory sciences; clinical techniques and procedures; sedation, anesthesia and analgesia; diagnostic imaging; endoscopy; medicine; surgery;

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therapy; differential diagnoses by clinical signs; specific disease/condition summaries; population health and public health; and legal topics. Well-organized and concise, this new edition covers just about everything related to reptiles and amphibians by utilizing an international array of contributing authors that were selected based on their recognized specialization and expertise, bringing a truly global perspective to this essential text!

Basic Anatomy and Physiology for

Radiographers M. R. E. Dean
1987

Anatomy and Physiology for Radiographers J. E. Blewett
1966

Pocket Atlas of Radiographic Anatomy

Torsten B. Möller 2000
300 Questions and Answers in Anatomy and Physiology for Veterinary Nurses
College of Animal Welfare 2000

* The titles in this series provide the student with a collection of new questions and answers in individual subject

areas so that the student can concentrate on specific areas of weakness * This new Series of Multiple Choice Questions provides the veterinary nurse student with additional opportunities for both self-assessment and examination practice. * The selected subject areas have been grouped according to the requirements of S/NVQ levels 2 and 3 veterinary nursing examinations, enabling the student to purchase only those books relevant to their year of study. Compiled by a leading training centre, these questions are representative of the type of question likely to appear in the examination paper. By using these revision guides you will not only increase your understanding of the subject but also increase your chances of achieving success in the examination.

Jones's Animal Nursing D. R. Lane 2013-10-22 In the tradition of this well established text, the fifth edition is enlarged and updated to cover recent developments in the field of animal nursing.

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In the four years since the previous edition was published the position of the Veterinary Nurse has become professionally recognized and a new syllabus for the Royal College of Veterinary Surgeons nursing scheme has been established. This has helped define the depth of knowledge required of trainee nurses in their preparation for examinations. In the light of the new syllabus there is a new chapter on Radiography, the chapters on First Aid, Basic Nursing Care, The Practice of Nursing and Surgical Nursing have been extensively revised, and the chapter on Medical Nursing has been lengthened. The contributions, from 27 experts in the field, are highly illustrated and suggestions for further reading are provided at the end of each chapter.

Refresher Course in Anatomy and Physiology as Applied to Radiography

Charles A. Jacobi 1962

Anatomy for Diagnostic Imaging Stephanie Ryan 2011

This book covers the normal anatomy of the human body as

seen in the entire gamut of medical imaging. It does so by an initial traditional anatomical description of each organ or system followed by the radiological anatomy of that part of the body using all the relevant imaging modalities. The third edition addresses the anatomy of new imaging techniques including three-dimensional CT, cardiac CT, and CT and MR angiography as well as the anatomy of therapeutic interventional radiological techniques guided by fluoroscopy, ultrasound, CT and MR. The text has been completely revised and over 140 new images, including some in colour, have been added. A series of 'imaging pearls' have been included with most sections to emphasise clinically and radiologically important points. The book is primarily aimed at those training in radiology and preparing for the FRCR examinations, but will be of use to all radiologists and radiographers both in training and in practice, and to medical students, physicians and

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surgeons and all who use imaging as a vital part of patient care. The third edition brings the basics of radiological anatomy to a new generation of radiologists in an ever-changing world of imaging. This book covers the normal anatomy of the human body as seen in the entire gamut of medical imaging. It does so by an initial traditional anatomical description of each organ or system followed by the radiological anatomy of that part of the body using all the relevant imaging modalities. The third edition addresses the anatomy of new imaging techniques including three-dimensional CT, cardiac CT, and CT and MR angiography as well as the anatomy of therapeutic interventional radiological techniques guided by fluoroscopy, ultrasound, CT and MR. The text has been completely revised and over 140 new images, including some in colour, have been added. A series of 'imaging pearls' have been included with most sections to emphasise

clinically and radiologically important points. The book is primarily aimed at those training in radiology, but will be of use to all radiologists and radiographers both in training and in practice, and to medical students, physicians and surgeons and all who use imaging as a vital part of patient care. The third edition brings the basics of radiological anatomy to a new generation of radiologists in an ever-changing world of imaging. Anatomy of new radiological techniques and anatomy relevant to new staging or treatment regimens is emphasised. 'Imaging Pearls' that emphasise clinically and radiologically important points have been added throughout. The text has been revised to reflect advances in imaging since previous edition. Over 100 additional images have been added.

Ross & Wilson Anatomy and Physiology in Health and Illness E-Book Anne Waugh
2018-07-12 The new edition of the hugely successful Ross and Wilson Anatomy & Physiology

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in Health and Illness continues to bring its readers the core essentials of human biology presented in a clear and straightforward manner. Fully updated throughout, the book now comes with enhanced learning features including helpful revision questions and an all new art programme to help make learning even easier. The 13th edition retains its popular website, which contains a wide range of 'critical thinking' exercises as well as new animations, an audio-glossary, the unique Body Spectrum® online colouring and self-test program, and helpful weblinks. Ross and Wilson Anatomy & Physiology in Health and Illness will be of particular help to readers new to the subject area, those returning to study after a period of absence, and for anyone whose first language isn't English. Latest edition of the world's most popular textbook on basic human anatomy and physiology with over 1.5 million copies sold worldwide Clear, no nonsense writing style helps

make learning easy
Accompanying website contains animations, audio-glossary, case studies and other self-assessment material, the unique Body Spectrum® online colouring and self-test software, and helpful weblinks
Includes basic pathology and pathophysiology of important diseases and disorders
Contains helpful learning features such as Learning Outcomes boxes, colour coding and design icons together with a stunning illustration and photography collection
Contains clear explanations of common prefixes, suffixes and roots, with helpful examples from the text, plus a glossary and an appendix of normal biological values. Particularly valuable for students who are completely new to the subject, or returning to study after a period of absence, and for anyone whose first language is not English All new illustration programme brings the book right up-to-date for today's student Helpful 'Spot Check' questions at the end of each topic to monitor progress Fully

updated throughout with the latest information on common and/or life threatening diseases and disorders Review and Revise end-of-chapter exercises assist with reader understanding and recall Over 150 animations – many of them newly created – help clarify underlying scientific and physiological principles and make learning fun

Radiation Biology of Medical Imaging Charles A. Kelsey 2013-12-18 This book provides a thorough yet concise introduction to quantitative radiobiology and radiation physics, particularly the practical and medical application. Beginning with a discussion of the basic science of radiobiology, the book explains the fast processes that initiate damage in irradiated tissue and the kinetic patterns in which such damage is expressed at the cellular level. The final section is presented in a highly practical handbook style and offers application-based discussions in radiation oncology, fractionated radiotherapy, and protracted

radiation among others. The text is also supplemented by a Web site.

Electrodiagnosis in Diseases of Nerve and Muscle Jun

Kimura 2013-10 Intended for clinicians who perform electrodiagnostic procedures as an extension of their clinical examination, and for neurologists and physiatrists who are interested in neuromuscular disorders and noninvasive electrodiagnostic methods, particularly those practicing electromyography (EMG) this book provides a comprehensive review of most peripheral nerve and muscle diseases, including specific techniques and locations for performing each test.

CT Anatomy for Radiotherapy

Peter Bridge 2017-03-21

Anatomy and Physiology for Radiographers C. K. Warrick 1976

Handbook of Anatomy and Physiology for Students of Medical Radiation Technology M. Mallet 1995-12

X-Ray Anatomy George Simon 2013-10-22 X-Ray Anatomy describes as well as illustrates

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the elementary and advanced radiological anatomy. This book presents the radiograph of the various parts of the human body, including the head, neck, upper limb, lower limb, abdomen, thorax, and the vertebral column. Organized into eight chapters, this book begins with an overview of the four classical methods of inspection, percussion, palpation, and auscultation. This text then describes the structure of the human skeleton, including its physical properties and its appearance in the radiograph. Other chapters consider the surface contours and skeletal landmarks of the shoulder and arm. This book discusses as well the condition of spina bifida, which is accompanied by anomalies of the spinal cord. The final chapter deals with several diagrams showing the radiographs of the larynx, the skull, as well as the ventricular system of the brain. This book is a valuable resource for radiologists, physicians, surgeons, and internists.

Radiography of the Dog and

Cat M. C. Muhlbauer
2013-03-13 Radiography of the Dog and Cat: Guide to Making and Interpreting Radiographs offers a comprehensive guide to producing high-quality radiographs and evaluating radiographic findings. Equally useful as a quick reference or for more in-depth information on specific diseases and disorders, the book is logically organized into sections describing how to make high-quality radiographs, normal radiographic anatomy, and interpretation of radiographic abnormalities. It is packed with checklists for systematic evaluation, numerous figures and line drawings, and exhaustive lists of differential diagnoses, resulting in an especially practical guide for the radiographic procedures performed in everyday practice. Written in a streamlined, easy-to-read style, the book offers a simple and fresh approach to radiography of the dog and cat, correlating physics, physiology, and pathology. Coverage includes

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patient positioning, contrast radiography, normal and abnormal radiographic findings, and differential diagnoses as they pertain to musculoskeletal, thoracic, and abdominal structures.

Radiography of the Dog and Cat: Guide to Making and Interpreting Radiographs is a one-stop reference for improving the quality and diagnostic yield of radiographs in your clinical practice.

Basic Anatomy and Physiology for Radiographers M. R. E. Dean
1970

An Atlas of Interpretative Radiographic Anatomy of the Dog and Cat Arlene Coulson
2011-08-31 This is the definitive reference for the

small animal practitioner to normal radiographic anatomy of the cat and dog. With over forty years of experience between them, the authors have produced an invaluable reference atlas for the veterinary practitioner. The book is suitable for the general and referral based practitioner, undergraduate or postgraduate veterinary surgeon. Over 550 radiographic images analysed and explained More than 50 new figures added, with the quality of existing images enhanced Revised contents and page headers for easy-reference Clear informative line drawings to trace radiographic shadows and schematic drawings of underlying structures not seen in plain radiographs.