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*Annual Report* - India. Department of Health & Family Welfare 2009

*The Rational Unified Process Made Easy* - Per Kroll 2003

The authors explain the underlying software development principles behind theRUP, and guide readers in its application in their organization.

**Radiology in Global Health** - Daniel J. Mollura 2014-07-02

The World Health Organization stated that approximately two-thirds of the world's population lacks adequate access to medical imaging. The scarcity of imaging services in developing regions contributes to a widening disparity of health care and limits global public health programs that require imaging. Radiology is an important component of many global health programs, including those that address tuberculosis, AIDS-related disease, trauma, occupational and environmental exposures, breast cancer screening, and maternal-infant health care. There is a growing need for medical imaging in global health efforts and humanitarian outreach, particularly as an increasing number of academic, government, and non-governmental organizations expand delivery of health care to disadvantaged people worldwide. To systematically deploy clinical imaging services to low-resource settings requires contributions from a variety of disciplines such as clinical radiology, epidemiology, public health, finance, radiation physics, information technology, engineering, and others. This book will review critical concepts for those interested in managing, establishing, or participating in a medical imaging program for resource-limited environments and diverse cross-cultural contexts undergoing imaging technology adaptation.

**Radiation Exposure and Image Quality in X-Ray Diagnostic Radiology** - Horst Aichinger 2011-10-25

This completely updated second edition of Radiation Exposure and Image Quality in X-ray Diagnostic Radiology provides the reader with detailed guidance on the optimization of radiological imaging. The basic physical principles of diagnostic radiology are first presented in detail, and their application to clinical problems is then carefully explored. The final section is a supplement containing tables of data and graphical depictions of X-ray spectra, interaction coefficients, characteristics of X-ray beams, and other aspects relevant to patient dose calculations. In addition, a complementary CD-ROM contains a user-friendly Excel file database covering these aspects that can be used in the reader's own programs. This book will be an invaluable aid to medical physicists when performing calculations relating to patient dose and image quality, and will also prove useful for diagnostic radiologists and engineers.

**Health Risks from Exposure to Low Levels of Ionizing Radiation** - Committee to Assess Health Risks from Exposure to Low Levels of Ionizing Radiation 2006-03-23

This book is the seventh in a series of titles from the National Research Council that addresses the effects of exposure to low dose LET (Linear Energy Transfer) ionizing radiation and human health. Updating information previously presented in the 1990 publication, Health Effects of Exposure to Low Levels of Ionizing Radiation: BEIR V, this book draws upon new data in both epidemiologic and experimental research. Ionizing radiation arises from both natural and man-made sources and at very high doses can produce damaging effects in human tissue that can be evident within days after exposure. However, it is the low-dose exposures that are the focus of this book. So-called "late" effects, such as cancer, are produced many years after the initial exposure. This book is among the first of its kind to include detailed risk estimates for cancer incidence in addition to cancer mortality. BEIR VII offers a full review of the available biological, biophysical, and epidemiological literature since the last BEIR report on the subject and develops the most up-to-date and

comprehensive risk estimates for cancer and other health effects from exposure to low-level ionizing radiation.

**Smart Futures, Challenges of Urbanisation, and Social Sustainability** - Mohammad Dastbaz 2018-04-10

This book tackles the challenges posed by accelerating urbanization, and demystifies Social Sustainability, the least understood of all the different areas of sustainable development. The volume's twin focus on these profoundly intertwined topics creates a nuanced and vitally important resource. Large migrations from rural areas to cities without appropriate planning and infrastructure improvements, including housing, education and health care optimization, have created significant challenges across the globe. The authors suggest technology-rich strategies to meet these challenges by careful application of data on population growth and movement to the planning, design, and construction of operational infrastructures that can sustainably support our increasingly rapid population growth.

**Digital Imaging and Communications in Medicine (DICOM)** - Oleg S. Pinykh 2009-10-26

This is the second edition of a very popular book on DICOM that introduces this complex standard from a very practical point of view. It is aimed at a broad audience of radiologists, clinical administrators, information technologists, medical students, and lecturers. The book provides a gradual, down to earth introduction to DICOM, accompanied by an analysis of the most common problems associated with its implementation. Compared with the first edition, many improvements and additions have been made, based on feedback from readers. Whether you are running a teleradiology project or writing DICOM software, this book will provide you with clear and helpful guidance. It will prepare you for any DICOM projects or problem solving, and assist you in taking full advantage of multifaceted DICOM functionality.

**Brogdon's Forensic Radiology** - 2010-11-22

The benchmark first edition of Forensic Radiology, published in 1998, was a milestone in the forensic community — a bestseller throughout the world and a standard reference for practitioners and educators alike. Like its predecessor, Brogdon's Forensic Radiology, Second Edition covers the entire scope of radiological applications in the forensic sciences, profiling current and anticipated uses of new modalities and techniques. Features: Provides an introduction to forensic radiology, including historical perspectives and definitions used in the field Offers instruction on trial preparation and effective courtroom testimony Demonstrates the use of forensic radiology in identification of the dead Explores the use of radiology to help in gunshot and abuse cases and in nonviolent crimes Contains an entirely new section on virtual imaging and virtopsy Examines technological and safety issues For radiologists, forensic scientists, forensic dentists, medical examiners, investigators, and attorneys Over the past twelve years, the fields of forensic science and radiology have developed considerably, necessitating a revision of this critical work. New Topics in this Edition include: The radiologist as an expert witness Modern cross-sectional imaging in anthropology New approaches to radiology in mass casualty situations The use of virtual imaging and virtopsy — new modalities developed and advanced since the publication of the last edition Forensic and clinical usage of x-rays in body packing for drug smuggling Imaging in the medical examiner's facility and in the field Radiology of special objects, antiquities, and mummies

**Pediatric Radiology** - Jack O. Haller 2005-12-05

This basic text introduces the reader to all facets of pediatric imaging from the importance of understanding X-ray exposure to children through the appropriate indications for ordering a particular

examination. It covers basic problems in each organ system. There is a quiz after most of the clinical chapters. The text is aimed at the novice, while the pictures of classic important imaging findings are designed to test the mature pediatric caregiver and the radiologist beginning training. The information conveyed in this text is essential for pediatric house staff, entering radiology residents, pediatric nurse practitioners, emergency room physicians, and practicing pediatricians. It will be valuable to all physicians who deal with children as a segment of their practice. This book serves as the basic text for any of the above individuals taking a rotation through a pediatric imaging department and for orienting pediatric personnel within the imaging department.

World Congress on Medical Physics and Biomedical Engineering 2018 - Lenka Lhotska 2018-05-29

This book (vol. 2) presents the proceedings of the IUPESM World Congress on Biomedical Engineering and Medical Physics, a triennially organized joint meeting of medical physicists, biomedical engineers and adjoining health care professionals. Besides the purely scientific and technological topics, the 2018 Congress will also focus on other aspects of professional involvement in health care, such as education and training, accreditation and certification, health technology assessment and patient safety. The IUPESM meeting is an important forum for medical physicists and biomedical engineers in medicine and healthcare learn and share knowledge, and discuss the latest research outcomes and technological advancements as well as new ideas in both medical physics and biomedical engineering field.

**Teaching Pearls in Noninvasive Mechanical Ventilation** - Antonio M. Esquinas 2022

This book uses real-world clinical case analyses of hot topics to provide insights into noninvasive mechanical ventilation (NIV). Written by leading international teachers and experts, it features a selection of "major controversial topics in clinical practice" and demonstrates how these cases can be used to teach about NIV. It then presents a discussion of the topics in various scenarios (anesthesiology, critical care, emergency and pneumology). The chapters allow readers to develop a case-by-case understanding of NIV in acute and chronic respiratory disorders, and perioperative and in intensive care patients, also thanks to Electronic Supplementary Materials. Lastly the authors summarize five key points / recommendations. This book is an attractive resource also for universities/ educational seminars/ national and international postgraduate courses and hot-topics sessions at national/international congresses.

**Protection in Diagnostic Radiology** - Benjamin Paul Sonnenblick 1959

**Managing the Oral Effects of Cancer Treatment** - Marilyn Haas 2011  
Guides everyone who cares for patients with cancer through the management of oral health problems.

**Blue Water Navy Vietnam Veterans and Agent Orange Exposure** - Institute of Medicine 2011-07-01

Over 3 million U.S. military personnel were sent to Southeast Asia to fight in the Vietnam War. Since the end of the Vietnam War, veterans have reported numerous health effects. Herbicides used in Vietnam, in particular Agent Orange have been associated with a variety of cancers and other long term health problems from Parkinson's disease and type 2 diabetes to heart disease. Prior to 1997 laws safeguarded all service men and women deployed to Vietnam including members of the Blue Navy. Since then, the Department of Veteran Affairs (VA) has established that Vietnam veterans are automatically eligible for disability benefits should they develop any disease associated with Agent Orange exposure, however, veterans who served on deep sea vessels in Vietnam are not included. These "Blue Water Navy" veterans must prove they were exposed to Agent Orange before they can claim benefits. At the request of the VA, the Institute of Medicine (IOM) examined whether Blue Water Navy veterans had similar exposures to Agent Orange as other Vietnam veterans. *Blue Water Navy Vietnam Veterans and Agent Orange Exposure* comprehensively examines whether Vietnam veterans in the Blue Water Navy experienced exposures to herbicides and their contaminants by reviewing historical reports, relevant legislation, key personnel insights, and chemical analysis to resolve current debate on this issue.

*X-Ray Equipment Maintenance and Repairs Workbook for Radiographers and Radiological Technologists* - Ian R. McClelland 2004

The X-ray equipment maintenance and repairs workbook is intended to help and guide staff working with, and responsible for, radiographic equipment and installations in remote institutions where the necessary technical support is not available, to perform routine maintenance and

minor repairs of equipment to avoid break downs. The book can be used for self study and as a checklist for routine maintenance procedures.

**Social Media in Clinical Practice** - Bertalan Meskó 2013-07-22

The number of patients using social media and the number of applications and solutions used by medical professionals online have been sky-rocketing in the past few years, therefore the rationale behind creating a well-designed, clear and tight handbook of practical examples and case studies with simple pieces of suggestions about different social media platforms is evident. While the number of e-patients is rising, the number of web-savvy doctors who can meet the expectations of these new generations of patients is not, this huge gap can only be closed by providing medical professionals with easily implementable, useful and primarily practical pieces of advice and suggestions about how they should use these tools or at least what they should know about these, so then when an e-patient has an internet-related question, they will know how to respond properly. As all medical professionals regardless of their medical specialties will meet e-patients, this issue with growing importance will affect every medical professional which means there is a huge need for such a easily understandable handbook.

**Patient Dosimetry for X-rays Used in Medical Imaging** - 2005

*ICRP Publication 135* - ICRP, 2017-10-29

Modern Diagnostic X-Ray Sources - Rolf Behling 2021-04-19

Now fully updated, the second edition of *Modern Diagnostic X-Ray Sources: Technology, Manufacturing, Reliability* gives an up-to-date summary of X-ray source technology and design for applications in modern diagnostic medical imaging. It lays a sound groundwork for education and advanced training in the physics of X-ray production, X-ray interactions with matter, and imaging modalities and assesses their prospects. The book begins with a comprehensive and easy-to-read historical overview of X-ray tube and generator development, including key achievements leading up to the current technological and economic state of the field. The book covers the physics of X-ray generation, including the process of constructing X-ray source devices. The stand-alone chapters can be read in order or in selections. They take you inside diagnostic X-ray tubes, illustrating their design, functions, metrics for validation, and interfaces. The detailed descriptions enable objective comparison and benchmarking. This detailed presentation of X-ray tube creation and functions enables you to understand how to optimize tube efficiency, particularly with consideration for economics and environmental care. It also simplifies faultfinding. Along with covering the past and current state of the field, the book assesses the future regarding developing new X-ray sources that can enhance performance and yield greater benefits to the scientific community and to the public. After heading international R&D, marketing and advanced development for X-ray sources with Philips, and working in the X-ray industry for more than four decades, Rolf Behling retired in 2020 and is now the owner of the consulting firm XtraininX, Germany. He holds numerous patents and is continuously publishing, consulting and training.

*Rock the Registry: Volume 1* - Benjamin Roberts 2020-05-08

The way to master the ARRT Registry Exam is to master the exam content specifications. The Registry is a standardized test, and the questions do not deviate from a central complex pattern. *Rock the Registry: Volume 1* unpacks the core concepts that inform the Registry, giving you the keys to master this critical exam. Think like a test maker, not a test taker. Included in this volume is 200 multiple choice questions carefully written with detailed answer rationals. Maximize the rock! Buy *Two Months to Mastery: The Rock the Registry Exam Prep Guide*. Find additional support on YouTube at *Rock the Registry*:

<https://youtu.be/32aKK59Z0jk> What Amazon readers are saying about

*Rock the Registry*: "This helped me so much while studying for boards! Definitely would recommend!"

"Awesome book with a variety of questions! Very helpful for studying for the registry! Highly recommend! Though Benjamin Roberts was an ARRT Item Writer, by binding contract, Benjamin Roberts cannot reveal in whole or in part any of ARRT's copyrighted questions or any other insider information about ARRT's examinations. The ARRT does not review, evaluate, or endorse review courses, activities, materials or products and this disclaimer should not be construed as an endorsement by the ARRT."

*Ensemble Machine Learning* - Cha Zhang 2012-02-17

It is common wisdom that gathering a variety of views and inputs improves the process of decision making, and, indeed, underpins a democratic society. Dubbed "ensemble learning" by researchers in computational intelligence and machine learning, it is known to improve

a decision system's robustness and accuracy. Now, fresh developments are allowing researchers to unleash the power of ensemble learning in an increasing range of real-world applications. Ensemble learning algorithms such as "boosting" and "random forest" facilitate solutions to key computational issues such as face recognition and are now being applied in areas as diverse as object tracking and bioinformatics. Responding to a shortage of literature dedicated to the topic, this volume offers comprehensive coverage of state-of-the-art ensemble learning techniques, including the random forest skeleton tracking algorithm in the Xbox Kinect sensor, which bypasses the need for game controllers. At once a solid theoretical study and a practical guide, the volume is a windfall for researchers and practitioners alike.

Health Care Technology - 2003

*Feline Diagnostic Imaging* - Merrilee Holland 2020-04-21

This book offers a comprehensive resource for imaging the feline patient, with an emphasis on the unique considerations of imaging cats. It focuses on radiology and ultrasound, with some coverage of advanced imaging such as computed tomography and magnetic resonance imaging. Incorporating more than 1750 high-quality images, it is an invaluable reference for any veterinary practitioner with a significant feline caseload. *Feline Diagnostic Imaging* begins with information on the radiographic evaluation of the thorax, abdomen, and musculoskeletal structures, including normal anatomy and pathology, followed by a review of common echocardiographic and abdominal ultrasound findings and abnormalities. Advanced imaging of the skull using computed tomography and magnetic resonance imaging cases of brain and spinal disease are also included. The book: Provides imaging information specifically tailored to the particular needs of cats Emphasizes the modalities most commonly used in general practice, with some discussion of advanced imaging Gives a complete overview of diagnostic imaging for the feline patients Includes tips and tricks for the unique considerations of working with cats Presents essential information for any practitioner treating feline patients Offering a feline focus not found in other imaging books, *Feline Diagnostic Imaging* is an essential purchase for veterinarians wishing to improve their diagnostic imaging skills in cats. It's also an excellent guide for veterinary radiologists, and veterinary students and residents.

*Chest Imaging* - Les R. Folio 2012-02-02

The chest X-ray (CXR) or chest radiograph remains the most commonly ordered imaging study in medicine, yet paradoxically is often the most complex to learn, recall, and master effective and accurate interpretation. The chest radiograph includes all thoracic anatomy and provides a high yield, given the low cost and single source. This guide presents a structured lexicon for use by readers to reproducibly describe radiographic abnormalities of the chest detected on plain film CXRs. The lexicon is designed to provide readers with clinically significant differentiation of abnormalities detected. The content is structured to relate specific combinations of distinct radiographic findings to classes/groupings of pathological etiologies of those findings. Recognizing the individual findings and identifying their combination or lack of combination with other individual findings allows readers to create effective differential diagnoses that can then be further evaluated using other imaging procedures and/or non-radiographic clinical information. The book includes hundreds of images, including radiographs, CTs, graphics, and analogous models to help teach otherwise complex processes and radiographic principles.

**Photon, Electron, Proton, and Neutron Interaction Data for Body Tissues** - 1992-01-01

*Nationwide Evaluation of X-ray Trends* - Nationwide Evaluation of X-ray Trends Task Force 1976

Principles and Practice of Radiation Therapy - Charles M. Washington 2015-04-01

The only radiation therapy text written by radiation therapists, *Principles and Practice of Radiation Therapy*, 4th Edition helps you understand cancer management and improve clinical techniques for delivering doses of radiation. A problem-based approach makes it easy to apply principles to treatment planning and delivery. New to this edition are updates on current equipment, procedures, and treatment planning. Written by radiation therapy experts Charles Washington and Dennis Leaver, this comprehensive text will be useful throughout your radiation therapy courses and beyond. Comprehensive coverage of radiation therapy includes a clear introduction and overview plus complete information on

physics, simulation, and treatment planning. Spotlights and shaded boxes identify the most important concepts. End-of-chapter questions provide a useful review. Chapter objectives, key terms, outlines, and summaries make it easier to prioritize, understand, and retain key information. Key terms are bolded and defined at first mention in the text, and included in the glossary for easy reference. UPDATED chemotherapy section, expansion of What Causes Cancer, and inclusions of additional cancer biology terms and principles provide the essential information needed for clinical success. UPDATED coverage of post-image manipulation techniques includes new material on Cone beam utilization, MR imaging, image guided therapy, and kV imaging. NEW section on radiation safety and misadministration of treatment beams addresses the most up-to-date practice requirements. Content updates also include new ASRT Practice Standards and AHA Patient Care Partnership Standards, keeping you current with practice requirements. UPDATED full-color insert is expanded to 32 pages, and displays images from newer modalities.

Leveraging Technology for a Sustainable World - David A. Dornfeld 2012-04-23

The 19th CIRP Conference on Life Cycle Engineering continues a strong tradition of scientific meetings in the areas of sustainability and engineering within the community of the International Academy for Production Engineering (CIRP). The focus of the conference is to review and discuss the current developments, technology improvements, and future research directions that will allow engineers to help create green businesses and industries that are both socially responsible and economically successful. The symposium covers a variety of relevant topics within life cycle engineering including Businesses and Organizations, Case Studies, End of Life Management, Life Cycle Design, Machine Tool Technologies for Sustainability, Manufacturing Processes, Manufacturing Systems, Methods and Tools for Sustainability, Social Sustainability, and Supply Chain Management.

*The Radiology Handbook* - J. S. Benseler 2014-06-17

Designed for busy medical students, *The Radiology Handbook* is a quick and easy reference for any practitioner who needs information on ordering or interpreting images. The book is divided into three parts: - Part I presents a table, organized from head to toe, with recommended imaging tests for common clinical conditions. - Part II is organized in a question and answer format that covers the following topics: how each major imaging modality works to create an image; what the basic precepts of image interpretation in each body system are; and where to find information and resources for continued learning. - Part III is an imaging quiz beginning at the head and ending at the foot. Sixty images are provided to self-test knowledge about normal imaging anatomy and common imaging pathology. Published in collaboration with the Ohio University College of Osteopathic Medicine, *The Radiology Handbook* is a convenient pocket-sized resource designed for medical students and non radiologists.

**Referral Guidelines for Imaging** - European Union. European Commission 2001

This booklet sets out referral guidelines that can be used by health professionals qualified to refer patients for imaging. It has evolved from the booklet 'Making the best use of a department of clinical radiology: guidelines for doctors' published by the Royal College of Radiologists in 1998 and can be adopted as a model for Member States. The EU Council Directive 1997/43/EURATOM declared that Member States shall promote the establishment and use of diagnostic reference levels for radiological examinations and guidance thereof. These referral guidelines can be used for that purpose.

**Ensemble Algorithms and Their Applications** - Panagiotis Pintelas 2020-09-16

In recent decades, the development of ensemble learning methodologies has gained a significant attention from the scientific and industrial community, and found their application in various real-world problems. Theoretical and experimental evidence proved that ensemble models provide a considerably better prediction performance than single models. The main aim of this collection is to present the recent advances related to ensemble learning algorithms and investigate the impact of their application in a diversity of real-world problems. All papers possess significant elements of novelty and introduce interesting ensemble-based approaches, which provide readers with a glimpse of the state-of-the-art research in the domain.

**Radiation Protection In Diagnostic X-Ray Imaging** -

*Medical Imaging and Radiotherapy* - William Lewis 2019-03-15

Medical Imaging reviews the scientific basis and physical principles underpinning imaging in medicine. It covers the major imaging methods of x-radiology, nuclear medicine, ultrasound, and nuclear magnetic resonance, and considers promising new techniques. Computed tomography (CT) is an integral component of the general radiography department. Radiographers are health professionals who facilitate patient diagnosis and management through the creation of medical images using X-rays, ultrasound and magnetic resonance. They play a pivotal role in selecting and implementing the most appropriate examination protocols which will answer the clinical question. When utilizing x-radiation radiographers must implement appropriate radiation protection measures and act at all times to keep the radiation dose as low as practicable. Radiographers work in collaboration with radiologists and other specialist medical practitioners to provide patients with a range of diagnostic examinations. Throughout the book, the author encourages readers to consider key questions concerning imaging. This profusely illustrated and extensively indexed text is accessible to graduate physical scientists, advanced undergraduates, and research students.

**Mechanical Testing of Bone and the Bone-Implant Interface** - Yuehuei H. An 1999-11-29

The mechanical properties of whole bones, bone tissue, and the bone-implant interfaces are as important as their morphological and structural aspects. *Mechanical Testing of Bone and the Bone-Implant Interface* helps you assess these properties by explaining how to do mechanical testing of bone and the bone-implant interface for bone-related research

*ICRP Publication 123* - ICRP, 2013-08-26

During their occupational activities in space, astronauts are exposed to ionising radiation from natural radiation sources present in this environment. They are, however, not usually classified as being occupationally exposed in the sense of the general ICRP system for radiation protection of workers applied on Earth. The exposure assessment and risk-related approach described in this report is clearly restricted to the special situation in space, and should not be applied to any other exposure situation on Earth. The report describes the terms and methods used to assess the radiation exposure of astronauts, and provides data for the assessment of organ doses.

**Diagnostic Atlas of Intrathoracic Tuberculosis in Children** - Robert Gie 2003

**What Every Engineer Should Know about Software Engineering** - Philip A. Laplante 2007-04-25

Do you... Use a computer to perform analysis or simulations in your daily work? Write short scripts or record macros to perform repetitive tasks? Need to integrate off-the-shelf software into your systems or require multiple applications to work together? Find yourself spending too much time working the kinks out of your code? Work with software engineers

on a regular basis but have difficulty communicating or collaborating? If any of these sound familiar, then you may need a quick primer in the principles of software engineering. Nearly every engineer, regardless of field, will need to develop some form of software during their career. Without exposure to the challenges, processes, and limitations of software engineering, developing software can be a burdensome and inefficient chore. In *What Every Engineer Should Know about Software Engineering*, Phillip Laplante introduces the profession of software engineering along with a practical approach to understanding, designing, and building sound software based on solid principles. Using a unique question-and-answer format, this book addresses the issues and misperceptions that engineers need to understand in order to successfully work with software engineers, develop specifications for quality software, and learn the basics of the most common programming languages, development approaches, and paradigms.

*Diagnostic Radiology Physics* - International Atomic Energy Agency 2013-03-01

This publication is aimed at students and teachers involved in programmes that train medical physicists for work in diagnostic radiology. It provides, in the form of a syllabus, a comprehensive overview of the basic medical physics knowledge required for the practice of modern diagnostic radiology. This makes it particularly useful for graduate students and residents in medical physics programmes. The material presented in the publication has been endorsed by the major international organisations and is the foundation for academic and clinical courses in both diagnostic radiology physics and in emerging areas such as imaging in radiotherapy.

**REVIEWS OF VETERINARY RESEARCH-WHAT NEXT?** - Dr. Giggin, T. , Dr. E. Niyas & Dr. A. Sivakumar 2021-08-06

Skin is the largest multi-layered external defence system that protects the body from pathogenic invasion. A cutaneous wound means disruption in the continuity of skin. Wound assessment is the key in the care of patients with wounds, allowing us to reach an accurate diagnosis, raise the short-and long-term goals, and determine the appropriate interventions at each stage. A complete wound assessment must include the wound morphometry, attributes of the wound like duration, blood flow, infection, oedema, inflammation, host factors and environmental factors that impact on optimum wound management. It is essential that the measurement tool used is highly accurate and repeatable. Digital imaging and software (Digital planimetry) with smart phones integrating digital camera and software applications are emerging as inexpensive, easy-to-use, reliable and accurate tools for wound measurements. Optical features of skin components can be non-invasively assessed for estimating the severity of wounds, the healing potential and the healing rate.

**Applied Radiology** - 2006

Each issue includes separate but continuously paged sections called: Nuclear medicine, and: Ultrasound