

Basic Science Of Oncology Fifth Edition

Clinical Oncology Fourth Edition
Head and Neck Surgery and Oncology
Clinical Gynecologic Oncology
The Bethesda Handbook of Clinical Oncology
New Research Directions in DNA Repair
Perry's The Chemotherapy Source Book
CURRENT Diagnosis & Treatment in Orthopedics, Fifth Edition
Life Science Small animal surgery e-dition
Clinical Radiation Oncology
Molecular Biology of Cancer
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Orthopaedic Basic Science: Foundations of Clinical Practice 5: Ebook without Multimedia
Core Curriculum for Oncology Nursing - E-Book
The M.D. Anderson Surgical Oncology Handbook
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Top Five Regrets of the Dying
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Cancer of the Breast
Principles and Practice of Radiation Oncology
Principles and Practice of Pediatric Oncology
Fenner and White's Medical Virology
Microphysics of Clouds and Precipitation
Stell & Maran's Textbook of Head and Neck Surgery and Oncology
Basic Science of Oncology, Fifth Edition
Khan's The Physics of Radiation Therapy
Oncology and Basic Science
Manual of Pediatric Hematology and Oncology
Oncology Nursing
Fundamentals of Cancer Epidemiology
Basic Clinical Radiobiology
Critical Issues in Head and Neck Oncology
Radiobiology for the Radiologist
Journal of the National Cancer Institute
The China

Clinical Oncology Fourth Edition

The fifth edition of Orthopaedic Basic Science: Foundations of Clinical Practice is your concise and clinically relevant resource for the diagnosis and treatment of musculoskeletal diseases and conditions. This completely rewritten edition explains the functions and limitations of the science behind the decisions, treatments, and procedures you perform in your practice every day. Use it to build and reinforce your foundation of knowledge for applying advances in scientific discovery to your decision-making in the clinic and the OR.

Head and Neck Surgery and Oncology

Head and Neck Surgery and Oncology, by Drs. Jatin P. Shah Snehal G. Patel, and Bhuvanesh Singh, offers you authoritative, multidisciplinary guidance on the latest diagnostic and multidisciplinary therapeutic approaches for head and neck cancer. With this medical reference book, you'll have all the help you need to offer your patients the best possible prognoses and to optimally preserve and restore form and function. Overcome any challenge in head and neck surgery with comprehensive coverage of the scalp, skull base, paranasal sinuses, oral cavity, pharynx, larynx, cervical lymph nodes, thyroid, salivary glands, and soft tissue and bone tumors - from incidence, diagnosis, and work up through

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treatment planning, operative techniques, rehabilitation, and outcomes. Increase your understanding of head and neck oncology with this completely reorganized edition, presenting a uniform flow of topics, which includes the latest information on Diagnostic approaches, staging, algorithms for selection of therapy, and outcomes of treatment for head and neck tumors. Offer today's best treatment options with outcomes of therapy data from the NCDB, institutional data from MSKCC, and evidence-based information Diagnose patients using the latest advances in radiographic imaging, diagnostic pathology and molecular biology. Take fullest advantage of every multidisciplinary management approach available including radiation oncology, medical oncology (including targeted therapies), maxillofacial prosthodontics and dental oncology, surgical procedures for salvage of recurrences after chemoradiation therapy, and rehabilitation measures to improve functional outcomes (speech, swallowing, etc.). Understand the nuances of day-to-day practical care of patients with basic operating room techniques and technology, intraoperative decisions, and post operative care for patients undergoing head and neck surgery. Know what to look for and how to proceed with sequential operative photographs of each surgical procedure and full-color artwork to demonstrate anatomical relationships. Particular emphasis is placed on surgical management of patients after chemo-radiotherapy, reflecting the changing paradigms in head and neck oncology and the special challenges that confront modern day head and neck surgeons. This comprehensive text will assist in improved survival and preserving and

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restoring form and function with the surgical treatment of tumors.

Clinical Gynecologic Oncology

The third edition of *The Molecular Biology of Cancer: Mechanisms, Targets, and Therapeutics* offers a fresh approach to the study of the molecular basis of cancer, by showing how our understanding of the defective mechanisms which drive cancer is leading to the development of new targeted therapeutic agents.

The Bethesda Handbook of Clinical Oncology

Reviews the fast-moving and critically important topics in cancer causation, cancer biology, and the biology underlying cancer treatment. This edition is substantially revised to reflect the major scientific advances, especially with respect to molecular genetics. Additional coverage includes state-of-the-art updates on cancer therapy including new drugs and experimental radiotherapy. Interesting, relevant, and not overpowering in length, the book appeals to a wide audience including physicians, nurses, and medical students as well as radiation therapists.

New Research Directions in DNA Repair

A guide that cuts through the haze of misinformation and delivers an insightful message to anyone living with or at risk from the following: cancer, diabetes,

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heart disease, obesity, Alzheimer's disease and /or osteoporosis. Dr Campbell illuminates the connection between nutrition and these often fatal diseases and reveals the natural human diet. He also examines the source of nutritional confusion produced by powerful lobbies, government entities and opportunist scientists. Part medical thriller, part governmental exposé.

Perry's The Chemotherapy Source Book

Fundamentals of Radiation Oncology: Physical, Biological, and Clinical Aspects, Third Edition continues to provide current, concise, and a readily available source of clinical information for busy practicing radiation oncologists. The book consists of 26 chapters, divided into four parts: Part I describes the basic science of radiation oncology, with discussions of radiation physics, radiation protection, and radiation biology, as well as molecular biology. Part II describes techniques and modalities of radiation oncology including brachytherapy, intensity-modulated radiation therapy (IMRT), stereotactic radiotherapy (SRS), stereotactic body radiation therapy (SBRT), and proton therapy. Significant recent advances made in the areas of immunotherapy and combined modality therapy; as such, these chapters have also been added to this new edition. Part III describes the clinical science of radiation oncology including risk factors, symptoms/signs, and investigations needed for the cancer diagnosis and up-to-date treatment recommendations in accordance with the new AJCC staging system. In addition,

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radiation treatment techniques, with an emphasis on IMRT, have been expanded to all the chapters. Also included in this version of the book is a chapter on benign diseases. Updated annotated bibliographies of latest landmark studies providing evidence-based rationale for the recommended treatments are presented at the end of each chapter. Part IV describes palliative radiation treatments to improve the quality of life for cancer patients and the management of side effects from radiation treatment. This book is a must-have for all radiation oncology residents, radiation oncologists and all professionals engaged in the care of cancer patients. New chapters on brachytherapy, IMRT/IGRT, SRS, SBRT, proton therapy, immunotherapy, combined modality therapy, and benign diseases Eighth edition of the AJCC staging system IMRT techniques for all common cancer sites, along with up-to-date treatment recommendations Relevant, landmark studies that provide evidence-based rationale for recommended treatments

CURRENT Diagnosis & Treatment in Orthopedics, Fifth Edition

NOW IN FULL COLOR! Discover the science of cancer--with this newly revised, essential introduction to cancer biology and genetics Here in one well-organized, reader-friendly volume, you'll find everything you must know about the biology underlying cancer and its treatment, supported by the latest peer-reviewed research. Written by preeminent oncology researchers and clinicians, the book

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highlights the full range of important oncology topics and takes you through the biological basis of current and future biological therapy as well as more traditional approaches to cancer treatment. Presented in full color, the Fifth Edition of The Basic Science of Oncology is thoroughly updated and refreshed to reflect the latest critical thinking in oncology. For graduate students, oncologists, residents, and fellows, there can be no more useful guide to the bedrock science and practice of oncology than this all-in-one reference. FEATURES: The most current, evidence-based oncology primer--one that encapsulates the science of cancer causation, cancer biology, and cancer therapy Key insights into molecular and genetic aspects of cancer familiarize you with cancer biology as applied to prognosis and personalized cancer medicine In-depth focus on the discovery, evaluation, and biology of anti-cancer drugs, immunotherapy, and molecularly-targeted agents Up-to-date coverage of the basic science of radiation therapy Specific chapters/sections on intratumor heterogeneity as it relates to potential new treatment strategies--including tumor microenvironment and metabolism, tumor stem cells, and genomic/proteomic heterogeneity NEW! Chapter Essentials synthesize chapter content in a convenient list NEW! Color diagrams and schematics summarize important data

Life Science

Written by clinicians from the National Cancer Institute and other leading institutions, this

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comprehensive, clear, concise oncology handbook is designed specifically for quick bedside consultation. It covers all malignancies and offers busy clinicians practical guidelines on daily patient management, including commonly used treatment regimens and chemotherapy dosing and schedules. The user-friendly format features tables, charts, bullet points, and algorithms. The thoroughly updated Third Edition places an increased emphasis on practical clinical information, and includes new chemotherapeutic agents, dosages, and treatment regimens and the latest clinical trials data. New chapters focus on basic genomics for practicing oncologists and basic principles of radiation. The succinct yet detailed presentation is ideal for board review as well as clinical reference.

Small animal surgery e-dition

Public Health

Clinical Radiation Oncology

Now thoroughly updated to include new advances in the field, and with regular content updates to the eBook, Principles and Practice of Pediatric Oncology, 7th Edition remains the gold standard text for the care and research of children with cancer. This authoritative reference is the single most comprehensive resource on the biology and genetics of childhood cancer and the diagnosis, multimodal treatment, and long-term management of young patients with cancer. Also addressed are a broad

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array of topics on the supportive and psychosocial aspects of care of children and families. Covering virtually every aspect of the breadth and depth of childhood cancer, this 7th Edition provides expert guidance on state-of-the-art, multidisciplinary care for children and families. Stay up to date with the most recent advances in the field with the contributions by new and returning contributors, including the perspective from patients and parents in the chapter titled "The Other Side of the Bed." Reference your eBook version for key updates in the field during the life of the edition! Chapters included on palliative care and education. Supportive care is covered broadly and specifically – in contexts such as emergencies, infectious disease, and nutrition. The most updated and authoritative information is provided by the leading experts in the field. Gain a thorough understanding of every aspect of pediatric oncology, with comprehensive information regarding basic science, diagnostic tools, principles of treatment, and clinical trials, as well as highly detailed, definitive coverage of each pediatric malignancy. Collaborate more effectively with others on the cancer care team to enhance quality-of-life issues for patients and families. Understand the cooperative nature of pediatric oncology as a model for cancer research with information from cooperative clinical trial groups and consortia.

Molecular Biology of Cancer

Perry's The Chemotherapy Source Book, now in its fifth edition, provides information on the choice of

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chemotherapeutic agents, the use of combination chemotherapy, and the toxicity of individual drugs. Organized by site, this is the only book of its kind to focus strictly on the clinical practice of chemotherapy, and is meant to serve as a “one-stop shop” for information on choice of chemotherapeutic agents, treatment outlines, grading of side effects, and dose modification.

Hospitality Law

A clear and comprehensive introduction to the principles and practice of clinical oncology, for medical undergraduates and clinicians who want to increase their understanding of the challenges of managing patients with cancer. Including questions for self assessment by the same authors, the reader can learn and test themselves on all aspects of cancer medicine, from epidemiology, aetiology, pathogenesis and presentation, through to diagnosis, staging, management and prognosis.

Pediatric Radiation Oncology

Very readable, comprehensive and up-to-date throughout A well written, well documented, comprehensive text of breast cancer care (Annals of Surgery, review of previous edition). This trusted resource offers in-depth coverage of all aspects of breast cancer, from epidemiology and pathology through surgical and non-surgical management to psychological and legal issues. The meticulously updated and revised 5th Edition provides cutting-

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edge information on genetics, screening, mammography and sonography, lymphatic mapping and sentinel node biopsy, in situ carcinoma and early invasive carcinoma, biologic response modifiers, reconstruction, and much more! - Keeps readers current with state-of-the-art information on diagnosis genetic aspects of breast cancer and oncogenes gross and microscopic anatomy surgical management of cardiothoracic metastases pain and orthopedic management and many other vital topics. - Helps practitioners provide well-balanced care with coverage of the psychological and social impacts of breast cancer the benefits of nutrition and exercise cancer prevention much more. - Covers special problems such as multiple primary cancers and breast cancer with pregnancy. - Offers valuable advice on legal issues in breast cancer management, one of the leading reasons for malpractice cases. - Presents over 310 illustrations that make every detail clear. - Delivers 10 brand-new chapters, including Stage IV Carcinomas (Ch. 27), Lymphatic Mapping and Sentinel Node Biopsy (Ch. 25), Genetic Basis for Emergence & Progression of Breast Cancer (Ch. 10), Molecular Biology of Breast Cancer (Ch. 11), Cellular Kinetics of Breast Cancer (Ch. 19), In situ Carcinoma of the Breast (Ch. 23), and many other timely subjects. - Addresses topics of emerging importance such as benign breast disorders, microscopic anatomy, oncogenes, cancer prevention, cardiothoracic problems, orthopedic problems, legal issues, pain control, and community resources for the patient with breast cancer.

Orthopaedic Basic Science: Foundations of Clinical Practice 5: Ebook without Multimedia

Revised edition of the best-selling memoir that has been read by over a million people worldwide with translations in 29 languages. After too many years of unfulfilling work, Bronnie Ware began searching for a job with heart. Despite having no formal qualifications or previous experience in the field, she found herself working in palliative care. During the time she spent tending to those who were dying, Bronnie's life was transformed. Later, she wrote an Internet blog post, outlining the most common regrets that the people she had cared for had expressed. The post gained so much momentum that it was viewed by more than three million readers worldwide in its first year. At the request of many, Bronnie subsequently wrote a book, *The Top Five Regrets of the Dying*, to share her story. Bronnie has had a colourful and diverse life. By applying the lessons of those nearing their death to her own life, she developed an understanding that it is possible for everyone, if we make the right choices, to die with peace of mind. In this revised edition of the best-selling memoir that has been read by over a million people worldwide, with translations in 29 languages, Bronnie expresses how significant these regrets are and how we can positively address these issues while we still have the time. *The Top Five Regrets of the Dying* gives hope for a better world. It is a courageous, life-changing book that will leave you feeling more compassionate and inspired to live the life you are truly here to live.

Core Curriculum for Oncology Nursing - E-Book

Radiation oncology for physicians and residents needing a multidisciplinary, treatment-focused resource; this updated edition provides the latest knowledge in this consistently growing field. You will broaden your understanding of the basic biology of disease processes, and access updated treatment algorithms, information on techniques, and state-of-the-art modalities.

The M.D. Anderson Surgical Oncology Handbook

Expand your understanding of the physics and practical clinical applications of advanced radiation therapy technologies with Khan's *The Physics of Radiation Therapy*, 5th edition, the book that set the standard in the field. This classic full-color text helps the entire radiation therapy team—radiation oncologists, medical physicists, dosimetrists, and radiation therapists—develop a thorough understanding of 3D conformal radiotherapy (3D-CRT), stereotactic radiosurgery (SRS), high dose-rate remote afterloaders (HDR), intensity modulated radiation therapy (IMRT), image-guided radiation therapy (IGRT), Volumetric Modulated Arc Therapy (VMAT), and proton beam therapy, as well as the physical concepts underlying treatment planning, treatment delivery, and dosimetry. In preparing this new Fifth Edition, Dr. Kahn and new co-author Dr. John Gibbons made chapter-by-chapter revisions in

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the light of the latest developments in the field, adding new discussions, a new chapter, and new color illustrations throughout. Now even more precise and relevant, this edition is ideal as a reference book for practitioners, a textbook for students, and a constant companion for those preparing for their board exams. Features Stay on top of the latest advances in the field with new sections and/or discussions of Image Guided Radiation Therapy (IGRT), Volumetric Modulated Arc Therapy (VMAT), and the Failure Mode Event Analysis (FMEA) approach to quality assurance. Deepen your knowledge of Stereotactic Body Radiotherapy (SBRT) through a completely new chapter that covers SBRT in greater detail. Expand your visual understanding with new full color illustrations that reflect current practice and depict new procedures. Access the authoritative information you need fast through the new companion website which features fully searchable text and an image bank for greater convenience in studying and teaching. This is the tablet version which does not include access to the supplemental content mentioned in the text.

Fundamentals of Radiation Oncology

Hospitality Law: Managing Legal Issues in the Hospitality Industry, Fifth Edition takes an applied approach to the study of hospitality law with its touchstone of compliance and prevention. The book is highly pedagogical and includes many interactive exercises and real world cases that help students focus on the practical application of hospitality laws

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and model their decision process to avoid liability. As a result, this book does look different than others on the market as the legal information contained is carefully selected to specifically correlate with helping students understand how to do the right thing, i.e., it is not a comprehensive book on the laws. Barth immediately helps readers learn about the legalities of situations and work through exercises – both individually and in groups -- to effectively apply them to hospitality management situations. Many instructors teach their course from a very applied perspective, which aligns with Barth's approach.

Top Five Regrets of the Dying

In print since 1972, this seventh edition of Radiobiology for the Radiologist is the most extensively revised to date. It consists of two sections, one for those studying or practicing diagnostic radiology, nuclear medicine and radiation oncology; the other for those engaged in the study or clinical practice of radiation oncology--a new chapter, on radiologic terrorism, is specifically for those in the radiation sciences who would manage exposed individuals in the event of a terrorist event. The 17 chapters in Section I represent a general introduction to radiation biology and a complete, self-contained course especially for residents in diagnostic radiology and nuclear medicine that follows the Syllabus in Radiation Biology of the RSNA. The 11 chapters in Section II address more in-depth topics in radiation oncology, such as cancer biology, retreatment after radiotherapy, chemotherapeutic agents and

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hyperthermia. Now in full color, this lavishly illustrated new edition is replete with tables and figures that underscore essential concepts. Each chapter concludes with a "summary of pertinent conclusions" to facilitate quick review and help readers retain important information.

The Basic Science of Oncology

Written by current and former surgical oncology fellows of the world-renowned M.D. Anderson Cancer Center, this portable handbook is a practical guide to established surgical oncology principles for each organ system. Maximize your surgical oncology skills with comprehensive coverage, multidisciplinary perspectives, proven therapeutic strategies, useful algorithms, and recommended readings. Concise chapters illustrated with algorithms and line drawings outlining the essential elements of diagnosis, staging, and clinical management of solid tumors treated in surgical practice.

Devita, Hellman, and Rosenberg's Cancer

Based on: DeVita, Hellman, and Rosenberg's cancer / editors, Vincent T. DeVita Jr., Theodore S. Lawrence, Steven A. Rosenberg. 9th ed. c2011.

Withrow and MacEwen's Small Animal Clinical Oncology - E-Book

Fenner and White's Medical Virology, Fifth Edition provides an integrated view of related sciences, from

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cell biology, to medical epidemiology and human social behavior. The perspective represented by this book, that of medical virology as an infectious disease science, is meant to provide a starting point, an anchor, for those who must relate the subject to clinical practice, public health practice, scholarly research, and other endeavors. The book presents detailed exposition on the properties of viruses, how viruses replicate, and how viruses cause disease. These chapters are then followed by an overview of the principles of diagnosis, epidemiology, and how virus infections can be controlled. The first section concludes with a discussion on emergence and attempts to predict the next major public health challenges. These form a guide for delving into the specific diseases of interest to the reader as described in Part II. This lucid and concise, yet comprehensive, text is admirably suited to the needs of not only advanced students of science and medicine, but also postgraduate students, teachers, and research workers in all areas of virology. Features updated and expanded coverage of pathogenesis and immunity Contains the latest laboratory diagnostic methods Provides insights into clinical features of human viral disease, vaccines, chemotherapy, epidemiology, and control

Cancer of the Breast

"This edition represents the scientific basis of orthopaedic surgery as of 2020. It is intended to inform clinical decision making by providing the basic sciences in a clinically relevant context. The

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production of the fifth edition of Orthopaedic Basic Science was a substantial undertaking contributed to by each of the authors. The author list is comprised of senior scientists and clinicians, and rising stars, a healthy mixture that reflects well on both sustained personal commitments and expectations for the future. Reflecting the growth in orthopaedic scientific information, all the previously included chapters have been revised and many new chapters have been added. Molecular biology has been refocused to emphasize the role of epigenetics. Biomaterials, repair, and tissue engineering are also emphasized. The significance of articular crosstalk is presented together with new chapters on joint biology and osteoarthritis. Consideration of gender differences in preclinical and clinical studies recognizes the spectrum of biological responses and the presentation of metabolic bone diseases acknowledges the importance of secondary fracture prevention. A completely redone section on the generation of clinical information recognizes advances in methodology, the assessment of large databases and the growth of registries, and best-practice guidelines"--

Principles and Practice of Radiation Oncology

This book offers a selection of the critical current issues and challenges in head and neck cancer. It covers most key concepts of the subject, from diagnostic challenges to multidisciplinary decision-making aspects in head and neck oncology. Starting

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with the Make Sense Campaign and examining its impact on clinical practice, readers also gain insight into current and novel therapeutic approaches, including radiotherapy, cytotoxic chemotherapy, targeted therapy, and immunotherapy, as well as the importance of adequate supportive care. Surgical interventions such as endoscopic surgery, salvage surgery, dentistry and implants are also discussed. Moreover, the changing respective roles of the involved caregivers are highlighted and extensively discussed. The chapters are based on the latest data presented at the 5th Trends in Head and Neck Oncology Conference and reflect the most up-to-date information in the field. Taking into account the ample current treatment options for patients with head and neck cancer and discussing side effects, survivorship issues and treatment in the elderly, this book provides and up-to-date coverage of all the critical topics in the field. Highlighting the increasing importance of decision-making in recurrent and metastatic head and neck cancer as well as quality of life and end of life issues, this reference book also emphasizes a multidisciplinary approach that plays such an important role in the outcome for this disease. Edited by a team of world leaders in Head and Neck Cancer this volume serves as an easy reference to the head and neck oncology practitioner and provides an up-to-date overview for specialists the field.

Principles and Practice of Pediatric Oncology

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The revolutionary Fossum e-dition offers you the convenience of a book, plus the added functionality of exclusive access to a regularly updated companion website - for the life of the 3rd edition. In addition to a fully searchable version of the book, the e-dition provides weekly updates, case studies, aftercare instructions, abstracts of relevant articles, and video clips and animations of surgical procedures. e-dition users can also take notes, save searches, and access an extensive image collection with a lightbox function that allows the user to save images to PowerPoint presentations. The 3rd edition of the book and the e-dition website have been completely updated, offering instant access to authoritative information on all aspects of small animal surgery. Coverage includes basic procedures such as spays, castrations, and declaws, as well as more advanced surgeries that might be referred to specialists such as craniotomy, ventral slots, and lung lobectomy. Discussions of general surgical procedures include sterile technique, surgical instrumentation, suturing, preoperative care, and antibiotic use. Key sections provide clinically relevant coverage of soft tissue surgery, orthopedic surgery, and neurosurgery.

Fenner and White's Medical Virology

First written by Philip Stell and Arnold Maran in 1972, Stell & Maran's Textbook of Head and Neck Surgery and Oncology has been revised in both content and approach over the years to reflect the enormous progress made in the area. Now in its fifth edition, the book remains a key textbook for trainees in

otolaryngology and head and neck surgery.

Microphysics of Clouds and Precipitation

The fifth edition of this well-known series of lectures by distinguished Harvard hematologists is substantially revised to include discussions of the many important scientific developments in contemporary hematology. New insights into oncogenes, growth factors, membrane receptors, differentiation and morphogenesis, enzymology, molecular biology, and evolutionary biology appear in virtually every lecture. A lecture on general principles of malignant disease appears for the first time in recognition of the fact that in many hospitals and medical school hematology departments now encompass oncology - an important topic that is not covered elsewhere in the medical curriculum. This new edition also adds many tables and figures relating to differential diagnosis that will be useful to practicing physicians and house officers. Examples include causes of splenomegaly, indications for splenectomy, differential diagnosis of normocytic anemia, macrocytic anemia, hypochromic anemia, thrombocytopenia, bone marrow failure syndromes, and many others. The bibliographies have been expanded, a new appendix containing laboratory methods has been added, and there is an unusually complete index. William S. Beck has taught the hematology courses at Harvard for many years. He is Professor of Medicine at the Harvard Medical School, Director of the Hematology Research Laboratory at the Massachusetts General Hospital, Professor at the

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Harvard-NUT Division of Health Sciences and Technology, and Tutor in Biochemical Sciences at Harvard College.

Stell & Maran's Textbook of Head and Neck Surgery and Oncology

This book is intended for students and scientists working in the field of DNA repair. Select topics are presented here to illustrate novel concepts in DNA repair, the cross-talks between DNA repair and other fundamental cellular processes, and clinical translational efforts based on paradigms established in DNA repair. The book should serve as a supplementary text in courses and seminars as well as a general reference for biologists with an interest in DNA repair.

Basic Science of Oncology, Fifth Edition

This volume of our Orthopaedic Surgery Essentials Series presents all the information residents need during orthopaedic oncology rotations and the essential basic science needed for board preparation, clinical practice, and orthopaedic research, including molecular and cellular biology, growth and development, the genetic basis of musculoskeletal disorders, biomaterials and biologic response to orthopaedic implants, and neoplastic disorders. The book can easily be read cover to cover during a rotation or used for rapid review before boards or quick reference in clinical practice. The user-friendly, visually stimulating format features numerous tables

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and ample illustrations, including color plates showing tumor histopathology.

Khan's The Physics of Radiation Therapy

Oncology and Basic Science

CURRENT Diagnosis & Treatment Orthopedics, 5e delivers up-to-date information on diseases and disorders treated by orthopedic surgeons and related physicians. The emphasis of the book is on major diagnostic features of diseases, work up for the diagnosis, and treatment

Manual of Pediatric Hematology and Oncology

There's no other OCN® Exam review resource like it! The Core Curriculum for Oncology Nursing, 5th Edition is the only review book for the OCN Examination developed in collaboration with Oncology Nursing Society (ONS). Based on the latest test blueprint for the OCN Exam, this book covers the entire scope of practice for oncology nursing — in an outline format that emphasizes important information and streamlines your review. Edited by Joanne Itano, a certified oncology nurse, The Core Curriculum is recognized as the definitive review tool for the OCN exam. Whether you're preparing for your initial OCN certification or getting recertified, you cannot do without this resource! Definitive preparation guide for the OCN® Examination is developed in collaboration

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with, and endorsed by, the Oncology Nursing Society, the parent organization of the Oncology Nursing Certification Corporation (ONCC), which administers the OCN Examination. Coverage of the entire scope of oncology care includes quality of life, protective mechanisms, gastrointestinal and urinary function, cardiopulmonary function, oncologic emergencies, the scientific basis for practice, health promotion, and professional performance. Nearly 60 colorful illustrations and more than 150 summary tables explain complex concepts in oncology nursing, including up-to-date cancer staging information. Coverage of pharmacologic and nonpharmacologic interventions includes both traditional and alternative therapies. Outline format provides a quick-reference review that begins with theory and continues through the steps of the nursing process. NEW! Revised and updated content reflects the latest OCN® Examination test blueprint. NEW! Updates on cancer treatment and related nursing care include the most current and accurate information, preparing you for exams and for clinical practice. NEW! Emphasis on QSEN competencies is designed to reduce errors in oncology nursing practice with a focus on safety and evidence-based practice, including a Safety Alert icon and a High-Alert Medications icon for cancer chemotherapy drugs. NEW! Coverage of application of the nursing process is streamlined to emphasize collaborative problems, goal setting, interventions, and evaluation.

Oncology Nursing

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Thanks to improved detection technologies, early diagnosis and treatment, and innovative research, the outlook for gynecologic oncology patients is steadily improving every day. Offer your patients the best in diagnosis and management with the help of this leading reference on gynecologic malignancies. In addition to cancers of the female reproductive tract, the 7th Edition of this essential resource also discusses breast and colorectal disease, equipping you with the skills you need to provide effective and compassionate care for every patient.

Fundamentals of Cancer Epidemiology

Established since 1986 as the definitive text and reference on use of radiation therapy for childhood cancer, Pediatric Radiation Oncology is now in its thoroughly revised and updated Fifth Edition. This edition reviews all significant recent clinical trials—including, for the first time, significant European clinical trials—and provides increased coverage of international and Third World issues. The latest cancer staging guidelines are included. New chapters cover psychosocial aspects of radiotherapy for the child and family and medical management of pain, nausea, nutritional problems, and blood count depression in the child with cancer. This edition also has full-color illustrations throughout. A companion website includes the full text and an image bank.

Basic Clinical Radiobiology

Cloud physics has achieved such a voluminous

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literature over the past few decades that a significant quantitative study of the entire field would prove unwieldy. This book concentrates on one major aspect: cloud microphysics, which involves the processes that lead to the formation of individual cloud and precipitation particles. Common practice has shown that one may distinguish among the following additional major aspects: cloud dynamics, which is concerned with the physics responsible for the macroscopic features of clouds; cloud electricity, which deals with the electrical structure of clouds and the electrification processes of cloud and precipitation particles; and cloud optics and radar meteorology, which describe the effects of electromagnetic waves interacting with clouds and precipitation. Another field intimately related to cloud physics is atmospheric chemistry, which involves the chemical composition of the atmosphere and the life cycle and characteristics of its gaseous and particulate constituents. In view of the natural interdependence of the various aspects of cloud physics, the subject of microphysics cannot be discussed very meaningfully out of context. Therefore, we have found it necessary to touch briefly upon a few simple and basic concepts of cloud dynamics and thermodynamics, and to provide an account of the major characteristics of atmospheric aerosol particles. We have also included a separate chapter on some of the effects of electric fields and charges on the precipitation-forming processes.

Critical Issues in Head and Neck Oncology

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With a unique focus on the most effective interventional techniques, Withrow & MacEwen's Small Animal Clinical Oncology, 5th Edition tells the full story of cancer in dogs and cats — what it is, how to diagnose it, and how to treat many of the most common cancers encountered in clinical practice. Nearly 500 color photographs, diagrams, x-rays, and gross views depict the clinical manifestations of various cancers. This edition covers the latest advances in clinical oncology, including chemotherapy, surgical oncology, and diagnostic techniques. With contributions from 65 veterinary oncology experts, this authoritative reference is a must-have for current, evidence-based therapeutic strategies on canine and feline oncology. "I really love this book. If you are interested in veterinary oncology, have a flick through this book online or at a conference when you get the chance. I hope that you agree with me that this is the definitive oncology reference source for the early 21st century and that you feel compelled to buy it. Your patients will thank you for it." Reviewed by: Gerry Polton MA VetMB MSc(Clin Onc) DipECVIM-CA(Onc) MRCVS, UK Date: July 2014 Cutting-edge information on the complications of cancer, pain management, and the latest treatment modalities prepares you to diagnose and treat pets with cancer rather than refer cases to a specialist. A consistent format for chapters on body system tumors includes coverage of incidence and risk factors, pathology, natural behavior of tumors, history and clinical signs, diagnostic techniques and workup, treatment options, and prognosis for specific malignancies. A systems approach to the diagnosis

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and management of cancer facilitates access to information about the many malignancies affecting small animal patients. Nearly 500 color images provide accurate depictions of specific diseases and procedures. Helpful drug formularies provide quick access to information on indications, toxicities, and recommended dosages for chemotherapeutic and analgesic drugs used in cancer treatment. Expert contributors provide in-depth coverage of the most current information in his or her respective specialty in veterinary oncology. Chemotherapy protocols are included when case studies prove clinical efficacy. Discussion of compassion and supportive care for the management of pain, nutritional needs, and grief includes methods for handling the pet's pain and nutritional complications as well as the pet owner's grief when treatment is not successful. Thoroughly UPDATED chapters cover the most recent changes in the clinical management of melanoma, mast cell tumors, tumors of the skeletal system, tumors of the endocrine system, tumors of the mammary gland, urinary cancers, nervous system cancers, lymphoma, and histiocytic diseases. NEW Clinical Trials and Developmental Therapeutics chapter discusses the various phases of clinical trials as well as current challenges and opportunities in oncology drug development. NEW! A focus on the best recommended treatment options highlights therapeutic strategies that have been vetted by veterinary oncology experts. NEW co-author Dr. Rodney L. Page adds his valuable perspective, expertise, and research experience.

Radiobiology for the Radiologist

Journal of the National Cancer Institute

A valuable resource for all oncology practice settings that focuses on nursing diagnoses for specific cancers and oncologic emergencies, with the emphasis on the nursing interventions and supportive rationales for each problem.

The China Study

Basic Clinical Radiobiology is a concise but comprehensive textbook setting out the essentials of the science and clinical application of radiobiology for those seeking accreditation in radiation oncology, clinical radiation physics, and radiation technology. Fully revised and updated to keep abreast of current developments in radiation biology and radiation oncology, this fifth edition continues to present in an interesting way the biological basis of radiation therapy, discussing the basic principles and significant developments that underlie the latest attempts to improve the radiotherapeutic management of cancer. This new edition is highly illustrated with attractive 2-colour presentation and now includes new chapters on stem cells, tissue response and the convergence of radiotherapy, radiobiology, and physics. It will be invaluable for FRCR (clinical oncology) and equivalent candidates, SpRs (and equivalent) in radiation oncology, practicing radiation oncologists and radiotherapists,

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as well as radiobiologists and radiotherapy physicists.

Orthopaedic Basic Science

Entirely updated to reflect modern thinking and protocols, the Manual of Pediatric Hematology and Oncology provides concise information needed for the day-to-day management of children with pediatric hematologic and oncologic diseases. The clear style allows readers to make an accurate diagnosis and permits him/her to treat patients even if they have not had extensive previous hematologic or oncologic experience. Pertinent advances in molecular genetics, cytogenetics, immunology, transplantation and biochemistry are the result of 40 years of practical experience by the author in the management of patients and incorporates various contributors who have had extensive clinical experience. * Features numerous tables, flow diagrams, protocols, and algorithms for quick access of essential clinical information necessary for the diagnosis and management of these diseases in children * Designed as a concise, easy to use guide for medical students, residents, fellows, pediatric hematologists/oncologists, pediatric nurses and nurse practitioners * Much of the practical information contained in this manual is not found in standard textbooks * Straightforward style without any redundant words or references

Hematology

A CD-ROM edition of the reference on radiation

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oncology. It contains the full text and graphics of the third edition, along with instant topic, name and word searches, window features and print capability.

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