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X-Ray Technician -National Learning Corporation 1994-12-01

What the Eyes Don't See-Mona Hanna-Attisha 2018-06-19 A NEW YORK TIMES NOTABLE BOOK • The dramatic story of the Flint water crisis, by a relentless physician who stood up to power. “Stirring . . . [a] blueprint for all those who believe . . . that ‘the world . . . should be full of people raising their voices.’”—The New York Times “Revealing, with the gripping intrigue of a Grisham thriller.” —O: The Oprah Magazine Here is the inspiring story of how Dr. Mona Hanna-Attisha, alongside a team of researchers, parents, friends, and community leaders, discovered that the children of Flint, Michigan, were being exposed to lead in their tap water—and then battled her own government and a brutal backlash to expose that truth to the world. Paced like a scientific thriller, What the Eyes Don’t See reveals how misguided austerity policies, broken democracy, and callous bureaucratic indifference placed an entire city at risk. And at the center of the story is Dr. Mona herself—an immigrant, doctor, scientist, and mother whose family’s activist roots inspired her pursuit of justice. What the Eyes Don’t See is a riveting account of a shameful disaster that became a tale of hope, the story of a city on the ropes that came together to fight for justice, self-determination, and the right to build a better world for their—and all of our—children. Praise for What the Eyes Don’t See “It is one thing to point out a problem. It is another thing altogether to step up and work to fix it. Mona Hanna-Attisha is a true American hero.”—Erin Brockovich “A clarion call to live a life of purpose.”—The Washington Post “Gripping . . . entertaining . . . Her book has power precisely because she takes the events she recounts so personally. . . . Moral outrage present on every page.”—The New York Times Book Review “Personal and emotional. . . She vividly describes the effects of lead poisoning on her young patients. . . . She is at her best when recounting the detective work she undertook after a tip-off about lead levels from a friend. . . . ‘Flint will not be defined by this crisis,’ vows Ms. Hanna-Attisha.”—The Economist “Flint is a public health disaster. But it was Dr. Mona, this caring, tough pediatrican turned detective, who cracked the case.”—Rachel Maddow

Rpsgt Exam Flashcard Study System -Rpsgt Exam Secrets 2010

Stereotactic Body Radiation Therapy-Simon S. Lo 2012-08-28 Stereotactic body radiation therapy (SBRT) has emerged as an important innovative treatment for various primary and metastatic cancers. This book provides a comprehensive and up-to-date account of the physical/technological, biological, and clinical aspects of SBRT. It will serve as a detailed resource for this rapidly developing treatment modality. The organ sites covered include lung, liver, spine, pancreas, prostate, adrenal, head and neck, and female reproductive tract. Retrospective studies and prospective clinical trials on SBRT for various organ sites from around the world are examined, and toxicities and normal tissue constraints are discussed. This book features unique insights from world-renowned experts in SBRT from North America, Asia, and Europe. It will be necessary reading for radiation oncologists, radiation oncology residents and fellows, medical physicists, medical physics residents, medical oncologists, surgical oncologists, and cancer scientists.

Certified Respiratory Therapist Exam Review Guide-Craig L. Scanlan 2010-11-15 The Ultimate Review Guide for the CRT Exam! Certified Respiratory Therapist Exam Review Guide is a comprehensive study guide for respiratory therapy students and graduates of accredited respiratory therapy education programs who are seeking to take the entry-level Certified Respiratory Therapist (CRT) credentialing exam from the National Board for Respiratory Care (NBRC). This unique review guide devotes extensive coverage to two problematic areas for credentialing exam candidates, which are not covered in any other review guides: 1) test-taking skills, and 2) key points to remember in taking the NBRC computerized exams. Special emphasis is also given to material and subject areas which have proven to be especially challenging for exam candidates such as basic pulmonary function testing, arterial blood gas interpretation [ABGs], monitoring critically ill patients, neonatal and pediatric care, recommending modifications to therapy, and more. Certified Respiratory Therapist Exam Review Guide is authored by experts who take the credentialing exam annually, so you can be confident that the content and format of this guide is current! Key features include: Comprehensive discussion of material on the NEW CRT Exam Matrix Over 700 practice questions and answers with explanations Extensive Guidance on Study and Test-Taking Skills Specific Advice on Making Good Answer Choices and Avoiding Bad Ones Hundreds of Summary Tables and Illustrations Each new print copy of this review guide includes a CD-ROM with test questions that can be sorted and graded. Please note: Electronic formats of this review guide do not include the CD ROM.

Mosby's Comprehensive Review of Radiography -William J. Callaway 1996 Offers an outline of all the major subject areas covered on the American Registry of Radiologic Technology exam in radiography. This book contains revision questions and answers and an employment preparation section.

Neuroblastoma-Nai-Kong V. Cheung 2006-03-30 Neuroblastoma is a medical enigma. As a childhood neoplasm arising from neural crest cells, it is characterized by diverse clinical behaviors ranging from spontaneous remission to rapid tumor progression and death. Although clinical outcome can be predicted to a large extent by the stage of disease and the age at diagnosis, an in-depth understanding of its clinico-pathological behavior, now greatly aided by sophisticated molecular genetic profiling, will improve diagnostic precision and refine risk-based therapies. Comprehensive international efforts have advanced our understanding of tumor biology and improved the clinical management of children with neuroblastoma. This book reviews our current understanding of the genes and biological pathways that contribute to neuroblastoma pathogenesis, modern risk-based treatment approaches for these patients, and recent advances in biologically based therapy. It provides a concise up-to-date reference for practitioners, students, and researchers.

Rrt Board Exam-Damon Wiseley 2016-03-27 Does the thought of pouring through years of respiratory school notes make you cringe? Do you feel like you forgot more than you learned in RT school? Are the popular respiratory therapy exam study guides giving you information overload? If you want to make the high cut on the TMC-RRT exam you need to study smarter not harder. Focus on the content that will give you the greatest benefit for your hard earned dollar. If you plan on passing the RRT exam on your first attempt, then starting now and starting smart is non-negotiable. This study guide and review includes practice questions developed straight from the updated 2015 NBRC testing matrix. Full rationales for each practice question are given, as well as common exam traps to look out for. The goal of this RRT exam study guide is to help you make the cut. As you can probably imagine, failing to make the high cut on the NBRC RRT Board exams can be incredibly disappointing and very expensive. Those who miss the high cut are required to retake the TMC-RRT exam at a cost of \$150. Failing the clinical simulations will cost another \$200 as there is no discount for retaking the exam. Physical exam represents an enormous part of the TMC-RRT Exam as well as the Clinical Simulation Exam (CSE). This study guide gives you everything you need to know to prepare yourself to dominate the physical exam portion of the respiratory therapy board exams. Do you remember which way a pneumothorax will shift the trachea? What about pneumonia? Do you remember what egophony, tactile fremitus, S4 heart sounds, and JVD may mean for your patient? This respiratory therapy board exam study guide is packed with useful tips and information to help you answer these questions.

Endocrinopathy After Childhood Cancer Treatment-W. H. B. Wallace 2009-01-01 Continuing advances in the management of childhood malignancies result in a rapidly growing number of childhood cancer survivors. However, many of them experience treatment-induced 'late effects' including a significant number of endocrine dysfunctions.In this book experts in the field of late effects of childhood cancer treatment offer clinical insight into pertinent issues such as the impact of cancer therapies on growth, puberty and hypothalamic and pituitary function, male and female fertility, obesity, and metabolic and bone problems.Multidisciplinary long-term follow-up of these patients is essential to monitor, treat and prevent morbidity. Therefore this volume is of great interest to pediatric endocrinologists and oncologists, adult and reproductive endocrinologists, primary care practitioners, nurses and nurse practitioners as well as others involved in planning and delivering the holistic care which this increasingly numerous and important group of patients requires.

Clinical Practice Guidelines We Can Trust-Institute of Medicine 2011-06-16 Advances in medical, biomedical and health services research have reduced the level of uncertainty in clinical practice. Clinical practice guidelines (CPGs) complement this progress by establishing standards of care backed by strong scientific evidence. CPGs are statements that include recommendations intended to optimize patient care. These statements are informed by a systematic review of evidence and an assessment of the benefits and costs of alternative care options. Clinical Practice Guidelines We Can Trust examines the current state of clinical practice guidelines and how they can be improved to enhance healthcare quality and patient outcomes. Clinical practice guidelines now are ubiquitous in our healthcare system. The Guidelines International Network (GIN) database currently lists more than 3,700 guidelines from 39 countries. Developing guidelines presents a number of challenges including lack of transparent methodological practices, difficulty reconciling conflicting guidelines, and conflicts of interest. Clinical Practice Guidelines We Can Trust explores questions surrounding the quality of CPG development processes and the establishment of standards. It proposes eight standards for developing trustworthy clinical practice guidelines emphasizing transparency; management of conflict of interest ; systematic review--guideline development intersection; establishing evidence foundations for and rating strength of guideline recommendations; articulation of recommendations; external review; and updating. Clinical Practice Guidelines We Can Trust shows how clinical practice guidelines can enhance clinician and patient decision-making by translating complex scientific research findings into recommendations for clinical practice that are relevant to the individual patient encounter, instead of implementing a one size fits all approach to patient care. This book contains information directly related to the work of the Agency for Healthcare Research and Quality (AHRQ), as well as various Congressional staff and policymakers. It is a vital resource for medical specialty societies, disease advocacy groups, health professionals, private and international organizations that develop or use clinical practice guidelines, consumers, clinicians, and payers.

Oxford Textbook of Palliative Nursing-Betty Rolling Ferrell 2019-03-04 The Oxford Textbook of Palliative Nursing remains the most comprehensive treatise on the art and science of palliative care nursing available. Dr. Betty Rolling Ferrell and Dr. Judith A. Paice have invited 162 nursing experts to contribute 76 chapters addressing the physical, psychological, social, and spiritual needs pertinent to the successful palliative care team. Organized within 7 Sections, this new edition covers the gamut of principles of care: from the time of initial diagnosis of a serious illness to the end of a patient's life and beyond. This fifth edition features several new chapters, including chapters on advance care planning, organ donation, self-care, global palliative care, and the ethos of palliative nursing. Each chapter is rich with tables and figures, case examples for improved learning, and a strong evidence-based practice to support the highest quality of care. The book offers a valuable and practical resource for students and clinicians across all settings of care. The content is relevant for specialty hospice agencies and palliative care programs, as well as generalist knowledge for schools of nursing, oncology, critical care, and pediatric. Developed with the intention of emphasizing the need to extend palliative care beyond the specialty to be integrated in all settings and by all clinicians caring for the seriously ill, this new edition will continue to serve as the cornerstone of palliative care education.

Graduate Medical Education Directory-American Medical Association 2012 Revised by the American Medical Association (AMA), Graduate Medical Education Directory, 2012-2013 (Green Book) contains comprehensive information on 9,000 Accreditation Council for Graduate Medical Education-accredited programs (GME) in the United States, including Residency, Fellowship, and Combined programs, plus residency application and career-planning resources. Revisions and updates: specialty/subspecialty information, Match data, 215 new programs, and 3,000 teaching institutions.

Late Treatment Effects and Cancer Survivor Care in the Young-Jörn D. Beck 2020-11-05 This comprehensive guide describes the aftercare that is appropriate in young cancer patients and discusses in detail the risk and detection of treatment sequelae. It explains the impacts on body and mind of both the disease itself and the different risk-adapted cancer treatments currently in use. Clear guidance is provided on diagnosis and management of the principal treatment-related toxicities in different organs and organ systems and for a wide variety of tumor types. In addition, the role of genetic polymorphisms in the development of adverse therapy-related outcomes is explored, and advice offered on genetic counselling. As the number of long-term survivors of childhood cancer and of cancer in young adults continues to grow, so issues surrounding potential sequelae, second malignancies, and quality of life are becoming ever more important. All practitioners involved in the care of young cancer patients will find this book to be a helpful source of up-to-date information and assistance.

The Pediatrician's Guide to Feeding Babies and Toddlers -Anthony Porto 2016 A comprehensive manual for feeding babies and toddlers during the first years of life.

Pocket Pediatrics-Paritosh Prasad 2012-02-17 Prepared by residents and attending physicians at Massachusetts General Hospital for Children, Pocket Pediatrics follows the style of Pocket Medicine, one of the best-selling references for medical students, interns, and residents. This pocket-sized looseleaf can be used on the wards and by candidates reviewing for pediatric board exams. In bulleted lists, tables, and algorithms, Pocket Pediatrics provides key clinical information about common pediatric problems in cardiology, pulmonology, gastroenterology, nephrology, hematology-oncology, infectious diseases, endocrinology, rheumatology, and neurology as well as on the well patient and the patient in the ICU. The six-ring binder resembles the familiar "pocket brain" notebook that most students and interns carry and allows users to add notes.

A Practical Guide for Informationists-Antonio P DeRosa 2018-02-23 A Practical Guide for Informationists: Supporting Research and Clinical Practice guides new informationists to a successful career, giving them a pathway to this savvy, more technically advanced, domain-focused role in modern day information centers and libraries. The book's broad scope serves as an invaluable toolkit for healthcare professionals, researchers and graduate students in information management, library and information science, data management, informatics, etc. Furthermore, it is also ideal as a textbook for courses in medical reference services/medical informatics in MLIS programs. Offer examples (e.g. case studies) of ways of delivering information services to end users Includes recommendations, evidence and worksheets/take-aways/templates to be repurposed and adapted by the reader Aimed at the broad area of healthcare and research libraries

Pediatric Surgical Oncology-Paul Losty 2021-11-12 Pediatric Surgical Oncology provides a new definitive reference in this specialist field. Abstracts, key points & guidance on cancer surgery for children make this a vital resource for the surgical resident. The content is will appeal to a global audience of paediatric surgeons.

This Narrow Space-Elisha Waldman 2018-01-30 A memoir both bittersweet and inspiring by an American pediatric oncologist who spent seven years in Jerusalem treating children—Israeli Jews, Muslims, and Christians, and Palestinian Arabs from the West Bank and Gaza—who had all been diagnosed with cancer. In 2007, Elisha Waldman, a New York-based doctor in his mid-thirties, was offered his dream job: attending physician at Jerusalem’s Hadassah Medical Center. He had gone to medical school in Israel and spent time there as a teenager; now he was going to give something back to the land he loved. But in the wake of a financial crisis at the hospital, Waldman, with considerable regret, left Hadassah in 2014 and returned to the United States. This Narrow Space is his poignant memoir of seven years that were filled with a deep sense of accomplishment but also with frustration when regional politics got in the way of his patients’ care, and with tension over the fine line he had to walk when the religious traditions of some of his patients’ families made it difficult for him to give those children the care he felt they deserved. Navigating the baffling Israeli bureaucracy, the ever-present threat of full-scale war, and the cultural clashes that sometimes spilled into his clinic, Waldman learned to be content with small victories: a young patient whose disease went into remission, brokenhearted parents whose final hours with their child were made meaningful and comforting. Waldman also struggled with his own questions of identity and belief, and with the intractable conflict between Israelis and Palestinians that had become a fact of his daily life. What he learned about himself, about the complex country that he was now a part of, and about the brave and endearing children he cared for—whether they were from Rehavia, Me’ah She’arim, Ramallah, or Gaza City—will move and challenge readers everywhere.

Meaning-Centered Psychotherapy in the Cancer Setting-William S. Breitbart 2017 Meaning-Centered-Psychotherapy in the Cancer Setting provides a theoretical context for Meaning-Centered Psychotherapy (MCP), a non-pharmalogic intervention which has been shown to enhance meaning and spiritual well-being, increase hope, improve quality of life, and significantly decrease depression, anxiety, desire for hastened death, and symptom burden distress in the cancer setting. Based on the work of Viktor Frankl and his concept of logotherapy, MCP is an innovative intervention for clinicians practicing in fields of Psycho-oncology, Palliative Care, bereavement, and cancer survivorship. This volume supplements two treatment manuals, Meaning-Centered Group Psychotherapy (MCGP) for Patients with Advanced Cancer and Individual Meaning -Centered Psychotherapy (IMCP) for Patients with Advanced Cancer by Dr. Breitbart, which offer a step-wise outline to conducting a specific set of therapy sessions. In addition to providing a theoretical background on the MCP techniques provided in the treatment manuals, this volume contains chapters on adapting MCP for different cancer-related populations and for different purposes and clinical problems including: interventions for cancer survivors, caregivers of cancer patients, adolescents and young adults with cancer, as a bereavement intervention, and cultural and linguistic applications in languages such as Mandarin, Spanish, and Hebrew.

Integrative Pediatric Oncology-Alfred Längler 2012-12-13 This book covers a broad spectrum of complementary and alternative medicine (CAM) practices employed in pediatric oncology worldwide, with a special focus on the methods widely used in Western countries. It is a scientifically based, practice-oriented handbook that will meet the needs of pediatric oncologists working in medical practices and hospitals. An introductory section includes a comparative overview of current CAM use in pediatric oncology in different countries. Commonly used CAM methods are then discussed in a series of chapters that provide a theoretical description of the method in question, followed by more practically oriented information, including scientific data if applicable. Special attention is paid to the issue of how to integrate each method into conventional pediatric oncology. The closing parts of the book consider aspects of CAM requiring further development, such as institutional research, and provide a road map on establishing integrative pediatric oncology worldwide.

Allogeneic Stem Cell Transplantation-Hillard M. Lazarus 2010-03-02 Since the original publication of Allogeneic Stem Cell Transplantation: Clinical Research and Practice, Allogeneic hematopoietic stem cell transplantation (HSC) has undergone several fast-paced changes. In this second edition, the editors have focused on topics relevant to evolving knowledge in the field in order to better guide clinicians in decision-making and management of their patients, as well as help lead laboratory investigators in new directions emanating from clinical observations. Some of the most respected clinicians and scientists in this discipline have responded to the recent advances in the field by providing state-of-the-art discussions addressing these topics in the second edition. The text covers the scope of human genomic variation, the methods of HLA typing and interpretation of high-resolution HLA results. Comprehensive and up-to-date, Allogeneic Stem Cell Transplantation: Clinical Research and Practice, Second Edition offers concise advice on today’s best clinical practice and will be of significant benefit to all clinicians and researchers in allogeneic HSC transplantation.

Childhood Leukemia-Nancy Keene 2018-04-01 Approximately 4,500 children and teens are diagnosed with leukemia in the United States and Canada each year. The illness and its treatment can have a devastating effect on family, friends, classmates, and the larger community. This newly updated edition of Childhood Leukemia contains the information and support parents need during this difficult time, including:•New treatments such as immunotherapy, tailoring drugs dosages to children's genetic profiles, and ways to deal with side effects.•Advice on how to cope with procedures, hospitalization, school, family, and financial issues.•Tips for forming a partnership with the medical team.•Poignant and practical stories from family members.•Updated resources for medical information, emotional support, and financial assistance.Parents who read this book will find understandable medical information and emotional support.

NPS Exam Secrets Study Guide-Mometrix Media LLC. 2014-03-31 NPS Exam Secrets helps you ace the Neonatal/Pediatric Respiratory Care Specialty Examination without weeks and months of endless studying. Our comprehensive NPS Exam Secrets study guide is written by our exam experts, who painstakingly researched every topic and concept that you need to know to ace your test. Our original research reveals specific weaknesses that you can exploit to increase your exam score more than you've ever imagined. NPS Exam Secrets includes: The 5 Secret Keys to NPS Exam Success: Time is Your Greatest Enemy, Guessing is Not Guesswork, Practice Smarter, Not Harder, Prepare, Don't Procrastinate, Test Yourself; A comprehensive General Strategy review including: Make Predictions, Answer the Question, Benchmark, Valid Information, Avoid Fact Traps, Milk the Question, The Trap of Familiarity, Eliminate Answers, Tough Questions, Brainstorm, Read Carefully, Face Value, Prefixes, Hedge Phrases, Switchback Words, New Information, Time Management, Contextual Clues, Don't Panic, Pace Yourself, Answer Selection, Check Your Work, Beware of Directly Quoted Answers, Slang, Extreme Statements, Answer Choice Families; A comprehensive Content review including: Metered Dose Inhaler, Pediatric Patient, Ventilator Circuit, Hemoglobin, Sepsis, Respiratory Therapist, Arterial Blood Gas, Patent Airway, Catheter, Tracheostomy Tube, Endotracheal, Peak Inspiratory Pressure, Positive End Expiratory Pressure, Mean Airway Pressure, Ventilated Patient, Respiratory Distress, Hypoxemic Respiratory Failure, Tetralogy of Fallot, Patent Ductus Arteriosus, Mild Respiratory Distress, Pneumonia, Lung Compliance, Bacterial Pathogens, Oxyhood, Oxygen Tent, Sympathomimetic Drugs, Corticosteroids, Parasympatholytics, Nitric Oxide (No) Therapy, Manual Resuscitation Bags, Barotraumas, Artificial Airways, Tracheostomy, Suctioning, Chest Physiotherapy, Extracorporeal Life Support, Heliox Therapy, and much more...

Principles of Pediatric Nursing-Jane W. Ball 2014-03-27 Written for today's nurse, PRINCIPLES OF PEDIATRIC NURSING: CARING FOR CHILDREN, 5/e explores the conditions and nursing interventions for health conditions affecting children, adolescents and their families. Emphasizing research and evidence-based practice, it organizes material by body system instead of developmental stage, allowing faculty to teach pediatrics in integrated courses/short courses without redundancy. This edition includes a new chapter on genetic and genomic influences, more emphasis on culturally competent care, and new features that emphasize clinical reasoning and health promotion. Designed to help students bridge the gap between classroom and clinical situations, the book emphasizes health promotion and maintenance, growth and development, and family-centered care. 0133937410 / 9780133937411 Principles of Pediatric Nursing: Caring for Children Plus MyNursingLab with Pearson eText -- Access Card Package Package consists of: 0132111756 / 9780132111751 Principles of Pediatric Nursing: Caring for 0133930882 / 9780133930887 MyNursingLab with Pearson eText -- Access Card -- for Principles of Pediatric Nursing: Caring for Children

Histiocytic Disorders-Oussama Ablal 2017-11-17 This volume provides a comprehensive and world-class review of the field of histiocytic neoplasms and hemophagocytic lymphohistiocytosis (HLH). It reviews all the advances in the field of histiocytoses during the last ten years, particularly with regards to the genomic findings in LCH and other histiocytic neoplasms and the new suggested classification of the histiocytic disorders. Additionally, it features a state-of-the art update on the most recent treatment strategies for LCH, including the results of the last LCH-III international trial, salvage therapies such as reduced-intensity conditioning (RIC) stem cell transplant (SCT), and targeted therapies with BRAF and MEK inhibitors, as well as the challenging cases of CNS-neurodegenerative LCH and its therapeutic perspectives. For primary and secondary HLH the book updates the most recent genetic and pathophysiological findings, including macrophage-activation syndrome (MAS), and includes a special chapter on HLH in adults. Treatment chapters encompass therapy for newly diagnosed HLH and refractory disease as well as stem-cell transplantation and novel therapies. The text also highlights the most recent advances in the treatment of the uncommon histiocytic disorders, such as Erdheim-Chester disease (ECD), Juvenile xanthogranuloma (JXG) and JXG-like conditions, Rosai-Dorfman disease (RDD), and the very rare malignant histiocytoses. Written by international experts in the field, Histiocytic Disorders is a valuable resource for clinicians, researchers, fellows and residents who are interested in or manage histiocytic disorders in children and adults.

Pulmonary Complications of Non-Pulmonary Pediatric Disorders-Anastassios C. Koumbourlis 2018-02-13 This book presents a systematic approach to the potential pulmonary complications of various systemic non-pulmonary pediatric disorders. Chapters focus on the pulmonary complications associated with: the major organ systems, types of disorders, metabolic conditions, and various modalities. Although specific diseases will be discussed, the main focus will be on describing the associated organ mechanisms and how they can negatively affect the respiratory system. Each chapter will also discuss methods of prevention, the diagnostic test(s) that may be necessary to diagnose or monitor these complications, and, if applicable, the recommended therapeutic modalities. Pulmonary Complications of Non-Pulmonary Pediatric Disorders provides pulmonologists, pediatricians, and other clinicians with a detailed, reliable explanation of seemingly unrelated signs and symptoms so they can form a more thorough differential diagnosis and prescribe the appropriate diagnostic tests and treatment.

The Prevention and Treatment of Missing Data in Clinical Trials-National Research Council 2011-01-21 Randomized clinical trials are the primary tool for evaluating new medical interventions. Randomization provides for a fair comparison between treatment and control groups, balancing out, on average, distributions of known and unknown factors among the participants. Unfortunately, these studies often lack a substantial percentage of data. This missing data reduces the benefit provided by the randomization and introduces potential biases in the comparison of the treatment groups. Missing data can arise for a variety of reasons, including the inability or unwillingness of participants to meet appointments for evaluation. And in some studies, some or all of data collection ceases when participants discontinue study treatment. Existing guidelines for the design and conduct of clinical trials, and the analysis of the resulting data, provide only limited advice on how to handle missing data. Thus, approaches to the analysis of data with an appreciable amount of missing values tend to be ad hoc and variable. The Prevention and Treatment of Missing Data in Clinical Trials concludes that a more principled approach to design and analysis in the presence of missing data is both needed and possible. Such an approach needs to focus on two critical elements: (1) careful design and conduct to limit the amount and impact of missing data and (2) analysis that makes full use of information on all randomized participants and is based on careful attention to the assumptions about the nature of the missing data underlying estimates of treatment effects. In addition to the highest priority recommendations, the book offers more detailed recommendations on the conduct of clinical trials and techniques for analysis of trial data.

Childhood Cancer Survivors-Nancy Keene 2014-03-01 More than 325,000 children, teens, and adults in the United States are survivors of childhood cancer. The surgery, radiation, chemotherapy, and stem cell transplants used to cure children can affect growing bodies and developing minds. If survivors know of these potential problems, they can take steps to identify, cope with, or treat them early if they do develop. The third edition of Childhood Cancer Survivors charts the territory for survivors by providing state-of-the-art information about: " Medical late effects from treatment " Emotional aspects of surviving cancer " Schedules for follow-up care " Challenges in the health-care system " Lifestyle choices to maximize health " Discrimination in employment or insurance Woven throughout the text are stories from more than 100 survivors and parents. Authors Keene, Hobbie, and Ruccione are experts in the field of childhood cancer. Keene is the mother of a survivor of childhood leukemia and the author of several books including Childhood Leukemia, Childhood Cancer, Educating the Child with Cancer, and Chemo, Crazyness & Comfort. Hobbie is Associate Director of the Cancer Survivorship Program at Children’s Hospital of Philadelphia. Ruccione is Co-Director of the HOPE (Hematology-Oncology Psychosocial and Education) Program in the Children’s Center for Cancer and Blood Diseases at Children's Hospital Los Angeles.

Essentials of Pediatric Nursing-Terri Kyle 2008 "Essentials of Pediatric Nursing is intended for Pediatric Nursing courses with an integrated pediatric curriculum. It provides a unique concept-based approach and nursing process focus, that helps students go from concept to application by building on previously mastered knowledge from other courses. Organized into four logical units, Kyle: Essentials of Pediatric Nursing covers a broad scope of topics with an emphasis on common issues and pediatric-specific information. In addition, it has a variety of learning features to ensure student retention, such as, Healthy People 2010 boxes, Threaded Case Studies and Comparison Charts highlighting common diseases. Plus, it includes a BONUS CD-ROM and companion website that provide numerous resources for both students and instructors, including video clips of each developmental stage and care of the hospitalized child!

NPS Study Guide 2018-2019-NPS Study Guide Team 2017-10-16

Computed Tomography Exam Secrets-Mometrix Media 2014-03-31 ***Includes Practice Test Questions*** Computed Tomography Exam Secrets helps you ace the Computed Tomography Exam, without weeks and months of endless studying. Our comprehensive Computed Tomography Exam Secrets study guide is written by our exam experts, who painstakingly researched every topic and concept that you need to know to ace your test. Our original research reveals specific weaknesses that you can exploit to increase your exam score more than you've ever imagined. Computed Tomography Exam Secrets includes: The 5 Secret Keys to Computed Tomography Test Success: Time is Your Greatest Enemy, Guessing is Not Guesswork, Practice Smarter, Not Harder, Prepare, Don't Procrastinate, Test Yourself; A comprehensive General Strategy review including: Make Predictions, Answer the Question, Benchmark, Valid Information, Avoid Fact Traps, Milk the Question, The Trap of Familiarity, Eliminate Answers, Tough Questions, Brainstorm, Read Carefully, Face Value, Prefixes, Hedge Phrases, Switchback Words, New Information, Time Management, Contextual Clues, Don't Panic, Pace Yourself, Answer Selection, Check Your Work, Beware of Directly Quoted Answers, Slang, Extreme Statements, Answer Choice Families; A comprehensive Concepts review including: Detector Efficiency, Collimation, Intracranial Bleeding, Kerma, Metal Artifacts, Photoconductor, Kilovolt, Spatial Frequency, Pulmonary Arteriography, Axial Plane, Hounsfield Unit Epidural Hematoma, Consent, Pediatric Dose Reduction, Immobilization, Spiral CT, Automatic Injection, Region of Interest Low Osmolity Contrast Media, Convolution Filters Quantum Theory, Signal to Noise Ratio, Linearity, Isotonic, Third Generation CT Imager, Display Field of View, Fan Beam, CT Regarding Stroke, Helical CT Angiography, Detector Array, Ray Sum, Electron Beam CT Contrast Materials -- IV and Oral, Vital Signs, Blood Flow, Metformin, Spiral CTkVp, CT vs. MRI, Brain CT Scanning, Contraindications, Edge Gradient, and much more...

Clinical Skills Manual for Maternity and Pediatric Nursing-Marcia L. London 2016-03 Preceded by Clinical skills manual for maternal & child nursing care / Ruth C. McGillis Bindler ... [et al.]. 4th ed. c2014.

Rectal Cancer Treatment-M.W. Büchler 2006-03-30 Rectal cancer is one of the most prevalent cancers world-wide. It is also a paradigm for multimodal management, as the combination of surgery, chemotherapy and radiotherapy is often necessary to achieve the optimal outcome. Recently, international experts met in Heidelberg, Germany to discuss the latest developments in the management of rectal cancer, including the anatomic and pathologic basis, staging tools, surgical concepts including fast-track surgery and laparoscopic resection, functional outcome after surgery and the role of radio- and chemotherapy. This monograph summarizes this meeting and

gives an extensive overview of the current concepts in management of rectal cancer.

Child Health Nursing-Jane W. Ball 2018-04-23 For courses in Pediatric Nursing. A comprehensive survey of family-centered pediatric nursing care Child Health Nursing: Partnering with Children & Families promotes excellence in nursing care for infants, children, and adolescents--in hospitals and in the community. It focuses on the importance of partnering with families to adapt care plans for children based on their age, health status, and social and cultural influences. The text considers the impact of contemporary care environments on nursing practice, both in health promotion and in the care of children with acute or chronic health conditions. By offering industry best practices and practical applications, the book encourages students to apply evidence-based findings and clinical reasoning to planning superior care. The updated 3rd edition explains how modern nursing practice is affected by reforms to healthcare and its delivery--such as electronic health records, new approaches to chronic and acute condition management, and a focus on prevention. To support safe, effective, and innovative care, this edition draws on the latest recommendations of NANDA International diagnoses, Nursing Intervention Classifications (NIC), Nursing Outcomes Classifications (NOC), and Healthy People 2020. Also available with MyLab Nursing MyLab(tm) Nursing is an online self-study and class preparation program designed to engage students and improve results. Its personalized learning path helps students think like nurses as they move beyond memorization to true understanding through application. Learn more. Note: You are purchasing a standalone product; MyLab Nursing does not come packaged with this content. Students, if interested in purchasing this title with MyLab Nursing, ask your instructor to confirm the correct package ISBN and Course ID. Instructors, contact your Pearson representative for more information. If you would like to purchase both the physical text and MyLab Nursing search for: 0134874439 / 9780134874432 Child Health Nursing Plus MyNursingLab with Pearson eText -- Access Card Package Package consists of: 0134624726 / 9780134624723 Child Health Nursing 013486946X / 9780134869469 MyNursingLab with Pearson etext -- Access Code -- for Child Health Nursing

Pediatric Radiation Oncology-Edward C. Halperin 2012-03-28 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.

Health Informatics: Practical Guide for Healthcare and Information Technology Professionals (Sixth Edition)-Robert E. Hoyt 2014-02 Health Informatics (HI) focuses on the application of Information Technology (IT) to the field of medicine to improve individual and population healthcare delivery, education and research. This extensively updated fifth edition reflects the current knowledge in Health Informatics and provides learning objectives, key points, case studies and references.

Egan's Fundamentals of Respiratory Care-Robert M. Kacmarek 2013 The 10th Edition of this text delivers a comprehensive introduction to the field of respiratory care including the latest advances and trends in professional practice today. This new edition, explains the role of respiratory therapists (RTs), scientific bases for treatment, and clinical applications. In-depth discussions progress from the principles of respiratory care to applied anatomy and physiology, patient assessment, discussion of specific respiratory illnesses, basic therapy, acute and critical care, and preventive and long-term care. For use in preparation for the NBRC examination.

-- From back cover.

Treatment of Pediatric Neurologic Disorders-Harvey S Singer 2019-08-30 This reference discusses state-of-the-art methods for the management of children with conditions affecting the nervous system--providing over 80 chapters that outline direct, logical approaches to numerous pediatric neurologic disorders using clear tables, algorithms, and figures for quick reference to key material.

Delivering High-Quality Cancer Care-Committee on Improving the Quality of Cancer Care: Addressing the Challenges of an Aging Population 2014-01-10 In the United States, approximately 14 million people have had cancer and more than 1.6 million new cases are diagnosed each year. However, more than a decade after the Institute of Medicine (IOM) first studied the quality of cancer care, the barriers to achieving excellent care for all cancer patients remain daunting. Care often is not patient-centered, many patients do not receive palliative care to manage their symptoms and side effects from treatment, and decisions about care often are not based on the latest scientific evidence. The cost of cancer care also is rising faster than many sectors of medicine--having increased to \$125 billion in 2010 from \$72 billion in 2004--and is projected to reach \$173 billion by 2020. Rising costs are making cancer care less affordable for patients and their families and are creating disparities in patients' access to high-quality cancer care. There also are growing shortages of health professionals skilled in providing cancer care, and the number of adults age 65 and older--the group most susceptible to cancer--is expected to double by 2030, contributing to a 45 percent increase in the number of people developing cancer. The current care delivery system is poorly prepared to address the care needs of this population, which are complex due to altered physiology, functional and cognitive impairment, multiple coexisting diseases, increased side effects from treatment, and greater need for social support. Delivering High-Quality Cancer Care: Charting a New Course for a System in Crisis presents a conceptual framework for improving the quality of cancer care. This study proposes improvements to six interconnected components of care: (1) engaged patients; (2) an adequately staffed, trained, and coordinated workforce; (3) evidence-based care; (4) learning health care information technology (IT); (5) translation of evidence into clinical practice, quality measurement and performance improvement; and (6) accessible and affordable care. This report recommends changes across the board in these areas to improve the quality of care. Delivering High-Quality Cancer Care: Charting a New Course for a System in Crisis provides information for cancer care teams, patients and their families, researchers, quality metrics developers, and payers, as well as HHS, other federal agencies, and industry to reevaluate their current roles and responsibilities in cancer care and work together to develop a higher quality care delivery system. By working toward this shared goal, the cancer care community can improve the quality of life and outcomes for people facing a cancer diagnosis.

Surgical Pathology Dissection-William H. Westra 2013-03-14 Filling the need for a comprehensive, fully-illustrated guide to the subject, this practical manual demonstrates a logical approach to the preparation, dissection, and handling of the tissue specimens most commonly encountered in today's surgical pathology laboratory. Each dissection is vividly illustrated with powerful 3D line drawings created exclusively for this book. The authors discuss the clinically important features of various types of specimens and lesions over the whole range of organ systems. The consistent approach provides a valuable conceptual framework for points to bear in mind during the dissection and each chapter concludes with a convenient reminder of the important issues to address in the surgical pathology report. Indispensable for staff pathologists, residents, pathologist's assistants, histotechnologists and other laboratory personnel.