

National Radiologic Technology Week

This is a must read for all librarians, museum docents, and community organizers who plan events for adults. LIFE in the Library shows how to develop a weekly multifaceted event for grownups. Kids have all the fun. It's time for the adult community to come alive every week to something new, educational, and fun.

Includes history of bills and resolutions.

Jackson has a "jelly bean" in his brain and that means getting lots of MRIs. In *The Donut That Roared*, Jackson shares his secret for making friends with that noisy donut-shaped machine. The book includes FAQs and tips for parents too. He even includes journaling pages so children can chronicle their own MRI adventure.

Telemedicine--the use of information and telecommunications technologies to provide and support health care when distance separates the participants--is receiving increasing attention not only in remote areas where health care access is troublesome but also in urban and suburban locations. Yet the benefits and costs of this blend of medicine and digital technologies must be better demonstrated before today's cautious decisionmakers invest significant funds in its development. *Telemedicine* presents a framework for evaluating patient care applications of telemedicine. The book identifies managerial, technical, policy, legal, and human factors that must be taken into account in evaluating a telemedicine program. The committee reviews previous efforts to establish evaluation frameworks and reports on results from several completed studies of image transmission, consulting from remote locations, and other telemedicine programs. The committee also examines basic elements of an evaluation and considers relevant issues of quality, accessibility, and cost of health care. *Telemedicine* will be of immediate interest to anyone with interest in the clinical application of telemedicine.

Passenger screening at commercial airports in the United States has gone through significant changes since the events of September 11, 2001. In response to increased concern over terrorist attacks on aircrafts, the Transportation Security Administration (TSA) has deployed security systems of advanced imaging technology (AIT) to screen passengers at airports. To date (December 2014), TSA has deployed AITs in U.S. airports of two different technologies that use different types of radiation to detect threats: millimeter wave and X-ray backscatter AIT systems. X-ray backscatter AITs were deployed in U.S. airports in 2008 and subsequently removed from all airports by June 2013 due to privacy concerns. TSA is looking to deploy a second-generation X-ray backscatter AIT equipped with privacy software to eliminate production of an image of the person being screened in order to alleviate these concerns. This report reviews previous studies as well as current processes used by the Department of Homeland Security and equipment manufacturers to estimate radiation exposures resulting from backscatter X-ray advanced imaging technology system use in screening air travelers. *Airport Passenger Screening Using Backscatter X-Ray Machines* examines whether exposures comply with applicable health and safety standards for public and occupational exposures to ionizing radiation and whether system design, operating procedures, and maintenance procedures are appropriate to prevent over exposures of travelers and operators to ionizing radiation. This study aims to address concerns about exposure to radiation from X-ray backscatter AITs raised by Congress, individuals within the scientific community, and others.

Learn to master radiography patient care with the book that covers it best! With step-by-step instructions and more than 400 full-color illustrations, *Patient Care in Radiography, 10th Edition* is the perfect resource to help teach you effective radiography patient care. Each chapter expertly guides you through the latest guidelines, carefully making the connection between the topics being discussed and how they relate to patient care. An emphasis is placed on the skills and procedures that are imperative for quality patient care — including safety, transfer, positioning, infection control, and patient assessment. Also included is information on microbiology, emerging diseases, trans-cultural communication, ECGs, administering medications, and bedside radiography to ensure you are well-versed in both the technical and interpersonal skills needed for professional practice. Coverage of patient care and procedural skills helps provide safe, high-quality patient care and technical proficiency. Step-by-step procedures are shown in photo essays, demonstrated with more than 400 full-color illustrations. Case studies focus on medicolegal terms, standards, and applications and help build problem-solving skills. Coverage of infection control helps emphasize the importance of preventing the spread of diseases. *Special Imaging Modalities* chapter provides an overview of patient care for a wide range of imaging methods. Chapter outlines, objectives, key terms, summaries, review questions, and critical thinking exercises focus on the key information in each chapter. Answers to the review questions are included in the back of the book. NEW! New images highlight many patient procedures and visually demonstrate how to care for patients. NEW! Updated content covers the most current exams, procedures, and technologies, as well as the most current information from the American Society of Radiologic Technologists.

Grenadian Experience Shines Like a Caribbean Jewel in this *Book of Personal History* John Jakasal poetically presents the soul of Grenada and how it can survive and prosper as world renowned "Isle of Spice" with his life as an example. *USA, The Caribbean & Globally – Grenadian* writer and author John Jakasal weaves "the cobweb that hides two paths in life" in the eminently readable memoir *Grow Your Wings, Fly Away And Build Your Nest*. Sharing his family background and life story, he spins illuminating connections to Grenadian history through the colonial phase and compares it to the modern, complex fruit of that history to rekindle the island's spicy reputation and agricultural foundation that has seemingly lost its colors diminished by the annual hurricanes. He discusses what it means to be a Grenadian American as chief Technologist, Professor in the school of Radiology Technology and Clinical Instructor. His kind finds itself readily accepted in New York City, a place known for its homogenous international culture. His story may be unusual to many, but it is given serious consideration in this eye-opening memoir of a young man from humble beginnings who worked hard, left his parents' home, never forgetting from where he came, became independent, owes not a single man, and now comfortably retired. Author John Jakasal's textual path dances on the light of his spider's web, and the dance of the spider as he weaves a vision of home, of a place to live and make a living in an agricultural safety net. Yet the delicate nature of Grenada's present is also present in the proceedings. The spider's web is a delicate, gossamer beauty and it is Jakasal's brilliant poetic view of his mother island; little Grenada swamped by waves modernism and highwood. In

Jakasal, as well as in the strong moral heart of his book, lie all things Grenadian: The island beauty and its blessed climate, the physical points of national identity that are still remarkably untouched despite the onslaught of modernity. This is further refined into an appreciation of how America is a place of opportunity for anyone willing. A place where a Grenadian's native qualities can shine. Jakasal gives readers the taste of native Grenadian stew in this work, and it is an experience both filling and a taste everyone of his readers will remember with an appreciation of the nation and the people that made it.

The electronic version contains the complete print version including multiple tables, enhanced functionality, complete text of the paper index, Boolean searching, scheduling, new groupings, not in the print edition, and networkability. This version offers more complete access to the information than the print version is able offer.

3,800+ Holidays, Promotions, Events for 2014 in the United States, United Kingdom, Canadian, Australian and Chinese Markets. The 2014 LEEP features over 3,800 dates in over 53 categories arranged alphabetically (with source URLs), chronologically and by length. This calendar of holidays and events for 2014 includes National, Promotional, Industry and International Events, Federal Holidays, Major Sporting Events and industry specific promotions. The LEEP Calendar is the invaluable time-saving, idea generating, revenue building business reference tool that provides exceptional marketers, publishers and journalists a quantifiable critical advantage over the competition. Created by a marketing and publishing industry veteran for: Advertising Executives Authors Bloggers Business Networkers Business Owners Editors Educators Event Planners Journalists Marketing Executives Media Planners Media Sales Reps Promotional Products Retailers Public Relations Publicists Publishers Retail Executives Sales Executives Social Media Marketers and anyone who is curious!

This textbook on radiography and medical imaging covers fundamentals, general patient care, and patient care in specific procedures and environments.

A must-have for librarians, teachers, broadcasters, event planners, and advertisers, this is the directory that Americans have come to rely on for special events, holidays, ethnic celebrations, anniversaries, birthdays, fairs and festivals, historic events, and traditional and whimsical observances of all kinds. Extensively indexed by state and by category, entries include direct-access phone numbers, addresses, attendance figures, and websites (where available). A Free companion CD-ROM is available with every book. The essential book for the millennium!

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.

The X-Ray Technician Passbook(R) prepares you for your test by allowing you to take practice exams in the subjects you need to study. It provides hundreds of questions and answers in the areas that will likely be covered on your upcoming exam, including but not limited to: radiologic procedures and radiographic techniques; radiographic exposure; anatomy, physiology systems and pathology; radiation protection and radiobiology; electrical and radiation physics; and other related areas.

Getting the right diagnosis is a key aspect of health care - it provides an explanation of a patient's health problem and informs subsequent health care decisions. The diagnostic process is a complex, collaborative activity that involves clinical reasoning and information gathering to determine a patient's health problem. According to *Improving Diagnosis in Health Care*, diagnostic errors-inaccurate or delayed diagnoses-persist throughout all settings of care and continue to harm an unacceptable number of patients. It is likely that most people will experience at least one diagnostic error in their lifetime, sometimes with devastating consequences. Diagnostic errors may cause harm to patients by preventing or delaying appropriate treatment, providing unnecessary or harmful treatment, or resulting in psychological or financial repercussions. The committee concluded that improving the diagnostic process is not only possible, but also represents a moral, professional, and public health imperative. *Improving Diagnosis in Health Care* a continuation of the landmark Institute of Medicine reports *To Err Is Human* (2000) and *Crossing the Quality Chasm* (2001) finds that diagnosis-and, in particular, the occurrence of diagnostic errors"has been largely unappreciated in efforts to improve the quality and safety of health care. Without a dedicated focus on improving diagnosis, diagnostic errors will likely worsen as the delivery of health care and the diagnostic process continue to increase in complexity. Just as the diagnostic process is a collaborative activity, improving diagnosis will require collaboration and a widespread commitment to change among health care professionals, health care organizations, patients and their families, researchers, and policy makers. The recommendations of *Improving Diagnosis in Health Care* contribute to the growing momentum for change in this crucial area of health care quality and safety.

In the early 1920s, Waterloo businessman Henry B. Allen donated \$200,000 and 80 acres of land to the Allen Memorial Hospital Association to establish a hospital in memory of Mary, his wife. The hospital opened in 1925 and was operated by the Deaconess Hospital Association of the Evangelical Church. The School of Nursing was founded in 1925, but a lack of resources during the Depression forced the hospital into receivership and the school was closed. Hospital management was assumed by the Lutheran Good Samaritan Society in 1938, and the school reopened in 1942 as the Allen Memorial Hospital Lutheran School of Nursing. In 1989, the school became Allen College of Nursing, a degree-granting institution. Today, as Allen College–UnityPoint Health, it offers an associate degree in radiography; bachelor of science degree in nursing; bachelor of health science degree with majors in diagnostic medical sonography, nuclear medicine technology, medical laboratory science, public health, and dental hygiene; master of science degrees in nursing and occupational therapy; and two doctoral degrees in health professions education and nursing practice. Throughout its 90-year history, Allen College has remained faithful in its mission to prepare health care professionals for their roles in society.

Digital Radiography: An Introduction for Technologists, presents the physical principles and technical description of digital

radiography imaging systems and associated technologies. This book functions as both a primary source for introductory digital imaging courses and as a reference for radiologic technologists and other imaging personnel. The book begins by exploring the many digital image acquisition imaging modalities such as computed radiography (CR), flat-panel digital radiography, digital fluoroscopy, and digital mammography systems in detail, followed by an outline of the essential elements of digital image processing. Associated technologies such as picture archiving and communication systems (PACS) and medical imaging informatics (MII) are also outlined. Finally, the book concludes with a description of quality control procedures for digital radiography.

Interventional Oncology is a concise, practical guide to state-of-the-art, image-guided procedures that are among the most innovative and effective cancer treatment options available today. Each chapter is presented in a similar format that includes indications, contraindications, patient selection, pre-procedure workup, technique, post procedure management, and clinical data. This book is the perfect high-yield manual for practitioners to consult before seeing oncology patients, as well as for intra and post-procedure management. Key Features: High-quality color illustrations and multi-modality clinical images Covers all the latest interventional oncology procedures Chapter authors are leading authorities in the field Tips and pearls at the end of each chapter and a comprehensive set of references This book is an excellent clinical guide for seasoned interventional radiologists as well as trainees in interventional oncology to consult on a day-to-day basis.

Contains proceedings of the annual National Conference on Radiation Control.

X-ray tech/diagnostic radiology (DR) is tried-and-true healthcare modality, yet ever-changing technology makes it a continually challenging field. Our comprehensive 3-panel (6-page) guide will make it all easy to understand, including the differences between DR and radiation therapy (RT). All key aspects of DR--from basic radiophysics to diagnostic testing procedures--are covered in-depth with up-to-date information, enhanced by useful charts and tables. Each section features "The Tech Knows" summary of critical points, set off graphically for easy reference.

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