Adaptive Health Management Information Systems, Fourth Edition is a thorough resource for a broad range of healthcare professionals-from informaticians, physicians and nurses, to pharmacists, public health and allied health professionals-who need to keep pace the digital transformation of health care. Wholly revised, updated, and expanded in scope, the fourth edition covers the latest developments in the field of health management information systems (HMIS) including big data analytics and machine learning in health care; precision medicine; digital health commercialization; supply chain management; informatics for pharmacy and public health; digital health leadership; cybersecurity; and social media analytics.

Business Concepts for Healthcare Providers A Quick Reference For Midwives, NPs, PAs, CNSSs and Other Disruptive Innovators

Concepts in Health Care Entrepreneurship presents a groundbreaking series of business concepts delivering a unique and powerful education to health care providers wanting to start and operate a self-owned clinic. This textbook leaves no stone unturned as it moves through the fields of marketing, accounting, finance, and management. Each chapter builds a new layer of understanding allowing the reader to feel incredibly comfortable with the idea of launching an entrepreneurial venture by the book's end. Consumer health websites have garnered considerable media attention, but only begin to scratch the surface of the more pervasive transformations the Internet could bring to health and health care. Networking Health examines ways in which the Internet may become a routine part of health care delivery and payment, public health, health education, and biomedical research. Building upon a series of site visits, this book, Weighs the role of the Internet versus private networks in uses ranging from the transfer of medical images to providing video-based medical consultations at a distance. Reviews technical challenges in the areas of quality of service, security, reliability, and access, and looks at the potential utility of the next generation of online technologies. Discusses ways health care organizations can use the Internet to support their strategic interests and explores barriers to a broader deployment of the Internet. Recommends steps that private and public sector entities can take to enhance the capabilities of the Internet for health purposes and to prepare health care organizations to adopt new Internet-based applications.

Learn the core concepts of nursing care and apply them to the clinical setting! Concepts for Nursing Practice, 3rd Edition uses a simplified, intuitive approach to describe 57 important concepts relating to all areas of nursing practice. For easier understanding, this book also makes connections among related concepts and links you to other nursing textbooks. Exemplars for each concept provide useful examples and models, showing how concepts are successfully applied to practice. New to this edition are updated research evidence and a new Population Health concept. Written by conceptual learning expert Jean Giddens, this text will help you build clinical reasoning skills and prepare confidently for almost any clinical nursing situation. Authoritative content written by expert contributors and meticulously edited by concept-based learning expert Jean Giddens sets the standard for the rapidly growing concept-based curriculum movement. A total of 57 important nursing concepts are clearly defined and analyzed, spanning the areas of patient physiology, patient behavior, and the professional nursing environment. Case studies in each chapter make it easier to apply knowledge of nursing concepts to real-world situations. UNIQUE! Featured Exemplars sections describe selected exemplars related to each nursing concept, covering the entire lifespan and all clinical settings, and help you assimilate concepts into practice. UNIQUE! Logical framework of concepts by units and themes helps you form immediate connections among related concepts --- a key to conceptual learning. UNIQUE! Inte"
contribute as partners with other health care professionals in improving the quality and safety of care as envisioned in the Affordable Care Act (ACA) enacted this year. Nurses should be fully engaged with other health professionals and assume leadership roles in redesigning care in the United States. To ensure its members are well-prepared, the profession should institute residency training for nurses, increase the percentage of nurses who attain a bachelor's degree to 80 percent by 2020, and double the number who pursue doctorates. Furthermore, regulatory and institutional obstacles -- including limits on nurses' scope of practice -- should be removed so that the health system can reap the full benefit of nurses' training, skills, and knowledge in patient care. In this book, the Institute of Medicine makes recommendations for an action-oriented blueprint for the future of nursing.

The anthrax incidents following the 9/11 terrorist attacks put the spotlight on the nation's public health agencies, placing it under an unprecedented scrutiny that added new dimensions to the complex issues considered in this report. The Future of the Public's Health in the 21st Century reaffirms the vision of Healthy People 2010, and outlines a systems approach to assuring the nation's health in practice, research, and policy. This approach focuses on joining the unique resources and perspectives of diverse sectors and entities and challenges these groups to work in a concerted, strategic way to promote and protect the public's health. Focusing on diverse partnerships as the framework for public health, the book discusses: The need for a shift from an individual to a population-based approach in practice, research, policy, and community engagement. The status of the governmental public health infrastructure and what needs to be improved, including its interface with the health care delivery system. The roles nongovernment actors, such as academia, business, local communities and the media can play in creating a healthy nation. Providing an accessible analysis, this book will be important to public health policy-makers and practitioners, business and community leaders, health advocates, educators and journalists.

American health is at a crossroads with millions of people needing healthcare yet the system cannot keep up with the demand. We need healthcare but somehow it all seems complicated and not simple to attain. Nurse practitioners and physician assistants, working collaboratively shoulder to shoulder with physicians and other healthcare professionals can help resolve this mounting crisis. The book ends with a passionate plea to increase the use of the primary care workforce to prevent chronic care diseases and promote healthy living. Americans deserve the very best that healthcare has to offer. When exploding health care costs threatened Serigraph's solvency, the CEO went outside the box to find a solution. John Torinus Jr. applied innovative, cutting-edge strategies to cut his health care expenses well below the national average while improving his employees' care. Now, across America, leading companies are following Serigraph's example. There is a revolution brewing. A revolution that will dramatically lower health costs nationwide. John Torinus Jr., author of The Company That Solved Health Care, the eye-opening book detailing one company's game-changing health care program, now presents The Grassroots Health Care Revolution. Featuring examples and interviews with the business leaders who are at the forefront of these innovations, The Grassroots Health Care Revolution is a game plan for improving workforce health and radically lowering health costs. Torinus avoids the politics of health care to focus on what businesses can actually control. He shows how pioneering corporations have engaged their employees to tame the hyper-inflation that has plagued the health care industry for decades. Executives in leading companies are deploying management disciplines and marketplace principles to invent a better business model for health care. These companies are bending the curve, growing profits and improving the health of their employees. Learn how you and your business can join the revolution. [This book is] the most authoritative assessment of the advantages and disadvantages of recent trends toward the commercialization of health care," says Robert Pear of The New York Times. This major study by the Institute of Medicine examines virtually all aspects of for-profit health care in the United States, including the quality and availability of health care, the cost of medical care, access to financial capital, implications for education and research, and the fiduciary role of the physician. In addition to the report, the book contains 15 papers by experts in the field of for-profit health care covering a broad range of topics--from trends in the growth of major investor-owned hospital companies to the ethical issues in for-profit health care. "The report makes a lasting contribution to the health policy literature,"--Journal of Health Politics, Policy and Law. This book demonstrates how to successfully manage and lead healthcare institutions by employing the logic of business model innovation to gain competitive advantages. Since clerk-like routines in professional organizations tend to overlook patient and service-centered healthcare solutions, it challenges the view that competition and collaboration in the healthcare sector should not only incorporate single-end services, therapies or diagnosis related groups. Moreover, the authors focus on holistic business models, which place greater emphasis on customer needs and put customers and patients first. The holistic business models approach addresses topics such as business operations, competitiveness, strategic business objectives, opportunities and threats, critical success factors and key performance indicators. The contributions cover various aspects of service business innovation such as reconfiguring the hospital business model in healthcare delivery, essential characteristics of service business model innovation in healthcare, guided business modeling and analysis for business professionals, patient-driven service delivery models in healthcare, and continuous and co-creative business model creation. All of the contributions introduce business models and strategies, process innovations, and toolkits that can be applied at the managerial level, ensuring the book will be of interest to healthcare professionals, hospital managers and consultants, as well as scholars, whose focus is on improving value-generating and competitive business architectures in the healthcare sector.

"This reference set provides a complete understanding of the development of applications and concepts in clinical, patient, and hospital information systems"--Provided by
Entrepreneurship in the Healthcare sector has received increased attention over the last two decades, both in terms of scholarly research and number of innovative enterprises. Entrepreneurial activities and innovations have emerged from and will continue to be driven by several actors along the healthcare value chain but especially from non-traditional healthcare players. In this new volume, we present the reader with several critical issues in healthcare entrepreneurship and innovation, covering a comprehensive set of research topics. We bring together the latest academic research and management practice, with contributions by authors from entrepreneurship, medical sciences, and management, who provide in depth and practical insights into designing and managing entrepreneurship in healthcare. Upon providing a systematic review of the research field, we discuss several important macro-, meso-, and micro-level issues in healthcare entrepreneurship, such as opportunity identification, the entrepreneurial ecosystem including accelerators, the benefits of open innovation for the sector, and social entrepreneurship in healthcare. These topics open up avenues for nurturing entrepreneurship in healthcare through both education and policy. Building on this trend, the book is organized around levels of analysis and specifies which cross-disciplinary efforts are needed to advance understanding of how entrepreneurs discover opportunities and start viable and innovative businesses. Healthcare Entrepreneurship will be of interest scholars of health care and entrepreneurs alike, but also managers of innovative health care enterprises as well as policy makers in the health sector.

This book examines the nature of service design and service thinking in healthcare and hospital management. By adopting both a service-based provider perspective and a consumer-oriented perspective, the book highlights various healthcare services, methods and tools that are desirable for customers and effective for healthcare providers. In addition, readers will learn about new research directions, as well as strategies and innovations to develop service solutions that are affordable, sustainable, and consumer-oriented. Lastly, the book discusses policy options to improve the service delivery process and customer satisfaction in the healthcare and hospital sector. The contributors cover various aspects and fields of application of service design and service thinking, including service design processes, tools and methods; service blueprints and service delivery; creation and implementation of services; interaction design and user experience; design of service touchpoints and service interfaces; service excellence and service innovation. The book will appeal to all scholars and practitioners in the hospital and healthcare sector who are interested in organizational development, service business model innovation, customer involvement and perceptions, and service experience.

Business education is not a common part of veterinary medicine education or the education of other health-care professionals. This book's intent is to increase the reader's overall business knowledge of essential concepts in the areas of finance, accounting, financial analysis, lean business management, human capital management, and value creation. The explanation and analysis of the theories is facilitated by following two sample veterinary practices, Quijote and Sancho Panza, throughout the text. Though the concepts are presented through the viewpoint of a veterinarian, they should be readily understood and seen as adaptable to other health-care professionals and small business owners.

This unique resource is an ideal career-planning guide for advanced practice students, recent graduates, and practicing nurse practitioners who want to expand their careers. It's filled with helpful guidelines and proven strategies for success in every aspect of NP practice, including certification and licensure, finding and negotiating a practice opportunity, and developing community and professional partnerships. Guidelines for completing the necessary requirements for certification and licensure. Tips for finding and negotiating a practice opportunity. Strategies for using available technology and tools, such as the internet and PDAs, to create a successful clinical practice environment. Ideas for developing a community partnership by creating successful professional and clinical contacts in the community. Practical advice on how best to market oneself and interview with potential employers. Key information on establishing systems in practice, using tools to enhance clinical judgment, and other important responsibilities related to clinical practice. A wealth of real-world examples, including resumes, collaborative agreements, contracts, business plans, billing and coding, and productivity flowcharts, provide essential resources for a successful practice.

Real-life examples of how to apply intelligence in the healthcare industry through innovative analytics. Healthcare analytics offers intelligence for making better healthcare decisions. Identifying patterns and correlations contained in complex health data, analytics has applications in hospital management, patient records, diagnosis, operating and treatment costs, and more. Helping healthcare managers operate more efficiently and effectively. Transforming Healthcare Analytics: The Quest for Healthy Intelligence shares real-world use cases of a healthcare company that leverages people, process, and advanced analytics technology to deliver exemplary results. This book illustrates how healthcare professionals can transform the healthcare industry through analytics. Practical examples of modern techniques and technology show how unified analytics with data management can deliver insight-driven decisions. The authors—a data management and analytics specialist and a healthcare finance executive—share their unique perspectives on modernizing data and analytics platforms to alleviate the complexity of the healthcare, distributing capabilities and analytics to key stakeholders, equipping healthcare organizations with intelligence to prepare for the future, and more. This book: Explores innovative technologies to overcome data complexity in healthcare. Highlights how analytics can help with healthcare market analysis to gain competitive advantage. Provides strategies for building a strong foundation for healthcare intelligence. Examines managing data and analytics from end-to-end, from diagnosis, to treatment, to provider payment. Discusses the future of technology and focus areas in the healthcare industry.
statisticians, and financial analysts at healthcare institutions.

This book is for healthcare professionals who must master the elements of business to run a successful practice or work in one. Whether a new graduate or a seasoned professional about to sell your practice, gain profitable insights to take control of the business of your practice. Dr. Paul J. Pavlik has helped hundreds of healthcare practitioners achieve their business goals. His understanding of the healing arts commingled with his business acumen can help you decipher the mystery of running - or being a part of - a profitable practice. "Today's most successful healthcare professionals are also well-versed in essential business and management concepts. But, it's not taught at medical school. To operate a successful practice, you must be able to effectively lead the people around you, understand the financial landscape, create budgets, and navigate the regulatory environment. I definitely recommend it for all healthcare professionals." - Afa Bayramova, MD, Editorial Board Member at US & UK Journals "Dr. Pavlik's book is a masterpiece and treasure trove with valuable tips, insights, wisdom, and processes for planning your life and business. It should be required reading for every healthcare professional. There is one paragraph on page 146 that makes the whole book worth more than a million dollars." - Frank Candy, International Motivational Speaker & Author "This book is an excellent resource for any healthcare professional, whether just beginning as an employee, looking to buy a practice, or as an owner looking to bring on an associate, or looking to transition or sell a practice. This is a great guide to laying the foundations of a well-managed, and eventually, a salable practice." - Amanda Falkowski, Practice Consultant, Recruitment, & Transitions

As marketing professionals look for ever more effective ways to promote their goods and services to customers, a thorough understanding of customer needs and the ability to predict a target audience’s reaction to advertising campaigns is essential. Marketing and Consumer Behavior: Concepts, Methodologies, Tools, and Applications explores cutting-edge advancements in marketing strategies as well as the development and design considerations integral to the successful analysis of consumer trends. Including both in-depth case studies and theoretical discussions, this comprehensive four-volume reference is a necessary resource for business leaders and marketing managers, students and educators, and advertisers looking to expand the reach of their target market.

"Every NP should own a copy of this book!" - The Nurse Practitioner Journal Written by a nurse practitioner who is also a practicing attorney, Nurse Practitioner's Business Practice and Legal Guide, Second Edition provides the unique point of view of an author who knows what legal and business problems arise on a daily basis. The second edition to this best seller will teach you: --How to write an effective business plan using the most up-to-date information and planning strategies-How to avoid malpractice and other lawsuits-What rights an employed NP has-What to do if rejected for payment-How to effectively negotiate managed care contracts-How to get the highest marks on performance report cards-What must take place for NPs to become primary care providers-What decisions need to be made before starting a practice-How to handle patient flow-And more!Nurse practitioners and NP students who read this book will have a solid foundation of knowledge with which they may continue their practice confidently and effectively, whether it be in developing an employment relationship, undertaking a business venture, giving testimony before the state legislature, composing a letter to an insurance company about an unpaid bill, teaching at a school of nursing, or serving as president of a state or national organization.

This is a handbook that covers the business aspects of being a healthcare provider in today's managed care environment. As the business side of the health care industry explodes to well over half a million jobs this year, students need to understand the U.S. health system, management concepts, and the topics that are driving its future. In a clutter-free format, with every day language, this text helps students comprehend how the health care system is organized, the basic business concepts that are specific to health care administration and management, and how the concepts apply to real world situations. With the help of numerous case studies, examples, clear explanations, and problems to solve, students will learn how the U.S. health services system is structured, managed, and financed.

The newly revised Third Edition of The Doctor of Nursing Practice Essentials: A New Model for Advanced Practice Nursing is the first text of its kind and is modeled after the eight DNP Essentials as outlined by the American Association of Colleges of Nursing (AACN). Important Notice: the digital edition of this book is missing some of the images or content found in the physical edition.

INTRODUCTION TO HEALTH CARE, 3E provides learners with an easy-to-read introduction to the foundational skills necessary for a range of health care professions. This redesigned and updated new edition offers a comprehensive but introductory survey of basic clinical health care skills for learners entering health care programs or for those that think they may be interested in pursuing a career in health care. Core competencies shared by all health care professions such as communication, infection control, and professionalism are provided to expose learners to the reality of practice. This book emphasizes developing critical thinking skills through a five-step problem solving model that teaches how to assess a situation, consider alternatives, choose an appropriate alternative, evaluate the results, and revise as needed. This resource demonstrates how to think like a health care professional and is a terrific first step towards a rewarding career. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Implementing Change in Health Systems brings fresh thinking and evidence to the continuing debate about market reforms of health care and other public services. The book examines the development and implementation of national cost-containment programs and health system reorganizations in the UK, Sweden and the Netherlands - countries that have been leaders in health system reform. The book provides a new framework for analysing public policy implementation and system change, synthesizing diverse streams of
academic research and thinking. It explores the processes of implementing market reforms in each country and considers the outcomes, both expected and unintended. In all three countries competitive reform encountered serious technical, organizational, and political obstacles. Yet they triggered important system changes and paved the way for significant new health policies. The complex outcomes of the reforms included changes in the quality, efficiency and costs of care, growing managerial and political control over physicians and other health care professionals, increased influence and centrality of community-based care, diffusion of ideas and practices from business management into health care. Implementing Change in Health Systems sheds new light on crucial policy issues that are currently being debated throughout Europe and North America. The book will be of value to postgraduates, researchers, and practitioners in health policy and public policy. MICHAEL I. HARRISON is an internationally-known scholar of health systems and organizations. He is a Senior Research Scientist at the Agency for Healthcare Research and Quality in Rockville, MD and Associate Professor of Sociology at Bar-Ilan University in Ramat Gan, Israel. He has taught at the State University of New York at Stony Brook and the School of Management at Brandeis University.

Industry professionals, government officials, and the general public often agree that the modern healthcare system is in need of an overhaul. With many organizations concerned with the long-term care of patients, new strategies, practices, and organizational tools must be developed to optimize the current healthcare system. Healthcare Policy and Reform: Concepts, Methodologies, Tools, and Applications is a comprehensive source of academic material on the importance of policy and policy reform initiatives in modern healthcare systems. Highlighting a range of topics such as public health, effective care delivery, and health information systems, this multi-volume book is designed for medical practitioners, medical administrators, professionals, academicians, and researchers interested in all aspects of healthcare policy and reform. The Institute of Medicine study Crossing the Quality Chasm (2001) recommended that an interdisciplinary summit be held to further reform of health professions education in order to enhance quality and patient safety. Health Professions Education: A Bridge to Quality is the follow up to that summit, held in June 2002, where 150 participants across disciplines and occupations developed ideas about how to integrate a core set of competencies into health professions education. These core competencies include patient-centered care, interdisciplinary teams, evidence-based practice, quality improvement, and informatics. This book recommends a mix of approaches to health education improvement, including those related to oversight processes, the training environment, research, public reporting, and leadership. Educators, administrators, and health professionals can use this book to help achieve an approach to education that better prepares clinicians to meet both the needs of patients and the requirements of a changing health care system.

Drawing on the expertise of multi-degreed doctors, and multi-certified financial advisors, Comprehensive Financial Planning Strategies for Doctors and Advisors: Best Practices from Leading Consultants and Certified Medical PlannersTM will shape the industry landscape for the next generation as the current ecosystem strives to keep pace. Traditional generic products and sales-driven advice will yield to a new breed of deeply informed financial advisor or Certified Medical PlannerTM. The profession is set to be transformed by “cognitive-disruptors” that will significantly impact the $2.8 trillion healthcare marketplace for those financial consultants serving this challenging sector. There will be winners and losers. The text, which contains 24 chapters and champions healthcare providers while informing financial advisors, is divided into four sections compete with glossary of terms, CMPTM curriculum content, and related information sources. For ALL medical providers and financial industry practitioners For NEW medical providers and financial industry practitioners For MID-CAREER medical providers and financial industry practitioners For MATURE medical providers and financial industry practitioners. Using an engaging style, the book is filled with authoritative guidance and healthcare-centered discussions, providing tools and techniques to create a personalized financial plan using professional advice. Comprehensive coverage includes topics like behavioral finance, modern portfolio theory, the capital asset pricing model, and arbitrage pricing theory; as well as insider insights on commercial real estate; high frequency trading platforms and robo-advisors; the Patriot and Sarbanes–Oxley Acts; hospital endowment fund management, ethical wills, giving, and legacy planning; and divorce and other special situations. The result is a codified “must-have” book, for all health industry participants, and those seeking advice from the growing cadre of financial consultants and Certified Medical PlannersTM who seek to “do well by doing good,” dispensing granular physician-centric financial advice: Omnia pro medicus-clientis. RAISING THE BAR The informed voice of a new generation of fiduciary advisors for healthcare Important Notice: The digital edition of this book is missing some of the images or content found in the physical edition. The newly revised Second Edition of The Doctor of Nursing Practice Essentials: A New Model for Advanced Practice Nursing is the first text of its kind and is modeled after the eight DNP Essentials as outlined by the American Association of Colleges of Nursing (AACN). Each section discusses the materials relevant to an element of the Essentials document and advises on the steps necessary to fulfill the requirements of the degree. The text is written for current DNP students as well as those considering the degree program. It also serves as a fantastic reference for professionals and those who have already completed a DNP program. Updates to the new edition include: Greater detail around identifying specific nursing strategies for application and practice A revised chapter on informatics that contains newer bedside tools for evidence-based practice (EBP) im
Quality and Safety Education for Nurses (QSEN) initiative and a growing specialty area in nursing. Case studies encourage higher-level thinking about how concepts apply to real-world nursing practice. Discussion questions challenge you to think critically and to visualize the future of health informatics. Objectives, key terms and an abstract at the beginning of each chapter provide an overview of what you will learn. Conclusion and Future Directions section at the end of each chapter describes how informatics will continue to evolve as healthcare moves to an interprofessional foundation.

NEW! Updated chapters reflect the current and evolving practice of health informatics, using real-life healthcare examples to show how informatics applies to a wide range of topics and issues. NEW mHealth chapter discusses the use of mobile technology, a new method of health delivery — especially for urban or under-served populations — and describes the changing levels of responsibility for both patients and providers. NEW Data Science and Analytics in Healthcare chapter shows how Big Data — as well as analytics using data mining and knowledge discovery techniques — applies to healthcare. NEW Project Management Principles chapter discusses proven project management tools and techniques for coordinating all types of health informatics-related projects.

NEW Contract Negotiations chapter describes strategic methods and tips for negotiating a contract with a healthcare IT vendor. NEW Legal Issues chapter explains how federal regulations and accreditation processes may impact the practice of health informatics. NEW HITECH Act chapter explains the regulations relating to health informatics in the Health Information Technology for Education and Clinical Health Act as well as the Meaningful Use and Medicare Access & CHIP Reauthorization Act of 2015.

Spanning the multi-disciplinary scope of information technology, the Encyclopedia of Information Systems and Technology draws together comprehensive coverage of the inter-related aspects of information systems and technology. The topics covered in this encyclopedia encompass internationally recognized bodies of knowledge, including those of The IT BOK, the Chartered Information Technology Professionals Program, the International IT Professional Practice Program (British Computer Society), the Core Body of Knowledge for IT Professionals (Australian Computer Society), the International Computer Driving License Foundation (European Computer Driving License Foundation), and the Guide to the Software Engineering Body of Knowledge.

Using the universally recognized definitions of IT and information systems from these recognized bodies of knowledge, the encyclopedia brings together the information that students, practicing professionals, researchers, and academicians need to keep their knowledge up to date. Also Available Online This Taylor & Francis encyclopedia is also available through online subscription, offering a variety of extra benefits for researchers, students, and librarians, including: ? Citation tracking and alerts ? Active reference linking ? Saved searches and marked lists ? HTML and PDF format options

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Regional health care databases are being established around the country with the goal of providing timely and useful information to policymakers, physicians, and patients. But their emergence is raising important and sometimes controversial questions about the collection, quality, and appropriate use of health care data. Based on experience with databases now in operation and in development, Health Data in the Information Age provides a clear set of guidelines and principles for exploiting the potential benefits of aggregated health data—without jeopardizing confidentiality. A panel of experts identifies characteristics of emerging health database organizations (HDOs). The committee explores how HDOs can maintain the quality of their data, what policies and practices they should adopt, how they can prepare for linkages with computer-based patient records, and how diverse groups from researchers to health care administrators might use aggregated data. Health Data in the Information Age offers frank analysis and guidelines that will be invaluable to anyone interested in the operation of health care databases.

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