

# Healthcare Project Charter Example

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**The Doctor of Nursing Practice Project** Katherine J. Moran 2019-03-01 The Doctor of Nursing Practice Project: A Framework for Success, Third Edition provides the foundation for the scholarl process enabling DNP students to work through their project in a more effective, efficient manner.

**Project Management for Healthcare** David Shirley 2016-04-19 As a growing number of healthcare organizations implement project management principles to improve cost and service efficiencies, they are in desperate need of resources that illustrate the project management needs of today's healthcare professional. Project Management for Healthcare fills this need. Using easy-to-follow language, it expl

**Performance Improvement in Hospitals and Health Systems** James R. Langabeer II 2018-02-12 Healthcare Organizations offer significant opportunities for change and improvement in their overall performance. Hospitals and clinics are generally large, complex, and inefficient, and need serious development in process workflow and management systems, which will ultimately lead to better patient and financial outcomes. The National Academy of Medicine has stated that hospital systems are broken, and that they must begin by "... improving hospital efficiency and patient flow, and using operational management methods and information technologies." In fact, costs and quality are two of the important aspects of the "triple aim" in healthcare. One area that offers significant potential for improvement is through the application of performance improvement methods to patient and process flows. Performance improvement has a significant impact on a hospital's over financial and strategic performance. Performance improvement involves the deployment of quantitative and scientific methods to model and influence the functioning of organizations. Performance improvement professionals are tasked with managing a variety of activities, such as deploying new information technologies, serving as project managers for construction events, re-engineering departmental process workflow, eliminating bottlenecks, and improving the flow and movement of patients between resource-intensive clinical areas. All of these are high risk, and require use of advanced, sophisticated methods to improve efficiency and quality, while minimizing disruptions from change. This updated edition is a comprehensive and concise guide to performance improvement in healthcare. It describes the management engineering principles focused on designing optimal management and information systems and processes. Case studies and examples are integrated throughout all chapters.

*Value Management in Healthcare* Nathan William Tierney 2017-10-06 Our current healthcare system's

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broken. The Organization for Economic Co-Operation and Development (OECD) predicts health care costs could increase from 6% to 14% of GDP by 2060. The cause of this increase is due to (1) a global aging population, (2) growing affluence, (3) rise in chronic diseases, and (4) better-informed patients; all of which raises the demand for healthcare. In 2006, Michael Porter and Elizabeth Teisberg authored the book 'Redefining Health Care: Creating Value-Based Competition on Results.' In it, they present their analysis of the root causes plaguing the health care industry and make the case for why providers, suppliers, consumers, and employers should move towards a patient-centric approach that optimizes value for patients. According to Porter, "value for patients should be the overarching principle for our broken system." Since 2006, Mr. Porter, accompanied by his esteemed Harvard colleague, Robert Kaplan, have worked tirelessly to promote this new approach and pilot it with leading healthcare delivery organizations like Cleveland Clinic, Mayo Clinic, MD Anderson, and U.S. Department of Veteran Affairs. Given the current state of global healthcare, there is urgency to achieve widespread adoption of this new approach. The intent of this book is to equip all healthcare delivery organizations with a guide for putting the value-based concept into practice. This book defines the practice of value-based health care as Value Management. The book explores Mr. Porter's Value Equation ( $\text{Value} = \text{Outcomes} / \text{Cost}$ ), which is central to Value Management, and provides a step-by-step process for how to calculate the components of this equation. On the outcomes side, the book presents the Value Realization Framework, which translates organizational mission and strategy into a comprehensive set of performance measures and contextualizes the measures for healthcare delivery. On the costs side, the book details the Harvard endorsed time-driven activity based costing (TDABC) methodology, which has proven to be a modern catalyst for defining HDO costs. Finally, this book covers the need and a plan to establish a Value Management Office to lead the delivery transformation and govern operations. This book is designed in a format where any organization can read it and acquire the fundamentals and methodologies of Value Management. It is intended for healthcare delivery organizations in need of learning the specifics of achieving the implementation of value-based healthcare.

Healthcare Informatics Stephan P. Kudyba 2010-04-26 Healthcare Informatics: Improving Efficiency and Productivity examines the complexities involved in managing resources in our healthcare system and explains how management theory and informatics applications can increase efficiencies in various functional areas of healthcare services. Delving into data and project management and advanced analytics, this book details and provides supporting evidence for the strategic concepts that are critical to achieving successful healthcare information technology (HIT), information management, and electronic health record (EHR) applications. This includes the vital importance of involving nursing staff in rollouts, engaging physicians early in any process, and developing a more receptive organizational culture to digital information and systems adoption. We owe it to ourselves and future generations to do all we can to make our healthcare systems work smarter, be more effective, and reach more people. The power to know is at our fingertips; we need only embrace it. —From the foreword by James H. Goodnight, PhD, CEO, SAS Bridging the gap from theory to practice, it discusses actual informatics applications that have been incorporated by various healthcare organizations and the corresponding management strategies that led to their successful employment. Offering a wealth of detail, it details several working projects, including: A computer physician order entry (CPOE) system project at a North Carolina hospital E-commerce self-service patient check-in at a New Jersey hospital The informatics project that turned a healthcare system's paper-based resources into digital assets Projects at one hospital that helped reduce excesses in length of stay, improved patient safety; and improved efficiency with an ADE alert system A healthcare system's use of algorithms to identify patients at risk for hepatitis Offering the guidance that healthcare specialists need to make use of various informatics platforms, this book provides the motivation and the proven methods that can be adapted and applied to any number of staff, patient, or regulatory concerns.

**Effective Lifecycle Management of Healthcare Applications** Susan M. Houston 2020-02-14 The rapid growth of software applications within healthcare organizations has made it essential to have defined methodologies and formal processes for the management of the entire Information Technology (IT) portfolio. Utilizing a portfolio management framework throughout an application's lifecycle will provide the necessary structure to ensure that all new applications are properly evaluated, and, once implemented, remain relevant while continuing to meet organizational requirements. While an organization may have a few large "organization-wide" systems such as the Electronic Health Record (EHR), lab or radiology systems, they also have a large quantity of other clinical, administrative, and research systems. Some larger organizations now have hundreds of software applications to support and manage. The IT staff must be able to implement new requests while still maintaining the current application portfolio. Utilizing a standard repeatable process will help to manage these large portfolios of software applications. This book reviews the management of applications throughout their lifecycle, from initial request through disposition. Best practices dictate that every newly requested application undergoes analysis followed by an approval decision from the organization's governance committee. The initial implementation project must include activities to prepare for ongoing support while ensuring the application is compliant with all security, privacy, and architecture requirements. An application spends years in operations and maintenance where changes occur regularly through configuration and release management, or additional projects. The cycle continues until disposition. Understanding when to dispose of an application is just as important as deciding when to implement a new one. A defined process for disposing of an application ensures all parts are properly removed or destroyed.

**Project Management for Healthcare** David Shirley 2011-04-13 As a growing number of healthcare organizations implement project management principles to improve cost and service efficiencies, they are in desperate need of resources that illustrate the project management needs of today's healthcare professional. Project Management for Healthcare fills this need. Using easy-to-follow language, it explains how the time-tested principles of project management can help maximize limited resources and ensure the highest possible quality of care. Exploring the discipline of project management from the perspective of the healthcare environment, the book dissects the project process and provides the tools and techniques required to successfully plan, execute, and control any healthcare-based project. From identifying stakeholders to constructing a project plan, it covers the spectrum of project planning activities. Complete with chapter summaries, exercises, hints, review questions, and case studies, it illustrates applications across a range of healthcare settings. Explains how to utilize the project plan to execute projects within budget, schedule, and quality objectives Covers program management as it relates to healthcare Addresses the interaction between healthcare and information technology Presents best practices from the pharmaceutical and medical equipment industries—that can easily be adapted to any healthcare setting Because most healthcare personnel will inevitably have to work with program management and need to interact with pharmaceutical companies and medical device manufacturers, the book provides an inside look at the processes and best practices used to bring products to market in these industries. Explaining how to adapt these processes to drive down costs and improve the quality of care in any healthcare setting, the book includes a case study of a medical facility that illustrates the proper application of the tools and techniques needed to manage healthcare projects effectively and efficiently.

**Health Informatics - E-Book** Ramona Nelson 2016-12-08 Awarded second place in the 2017 AJN Book of the Year Awards in the Information Technology category. See how information technology intersects with health care! Health Informatics: An Interprofessional Approach, 2nd Edition prepares you for success in today's technology-filled healthcare practice. Concise coverage includes information systems and applications such as electronic health records, clinical decision support, telehealth, ePatients, and social

media tools, as well as system implementation. New to this edition are topics including data science and analytics, mHealth, principles of project management, and contract negotiations. Written by expert informatics educators Ramona Nelson and Nancy Stagers, this edition enhances the book that won a 2013 American Journal of Nursing Book of the Year award! Experts from a wide range of health disciplines cover the latest on the interprofessional aspects of informatics — a key 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.

*Managing Healthcare Projects* Dick Billows 2002

Project Management - Best Practices Harold R. Kerzner 2010-11-04

Managing Health Care Information Systems Karen A. Wager 2005-05-05 Managing Health Care Information Systems Managing Health Care Information Systems teaches key principles, methods, and applications necessary to provide access to timely, complete, accurate, legible, and relevant health care information. Written by experts for students and professionals, this well-timed book provides detailed information on the foundations of health care information management; the history, legacy, and future of health care information systems; the architecture and technologies that support health care information systems; and the challenges for senior management in information technology, such as organization, alignment with strategic planning, governance, planning initiatives, and assessing and achieving value. Comprehensive in scope, Managing Health Care Information Systems includes substantial discussion of data quality, regulation, laws, and standards; strategies for system acquisition, use, and support; and standards and security. Each chapter includes an overview and summary of the material, as well as learning activities. The activities provide students with the opportunity to explore more fully the concepts presented. Praise for Managing Health Care Information Systems "This is the first book that comprehensively describes both opportunities and issues in the effective management of information technology in health care." --James. I. Cash, Ph.D., retired James E. Robinson Professor, Harvard Business School, and chairman of IT Committee, Partners HealthCare System, Inc., Board of Trustees "The challenges of managing information systems and technology in an electronic health care environment are many. Finally here is a book that succinctly takes the reader from the basics to the boardroom in meeting such challenges. This book is a great resource." --Melanie S. Brodnik, Ph.D., director, Health

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Informatics and Information Management, The Ohio State University "Collaboration among authors-- academicians and a nationally known CIO--has produced an excellent resource for graduate students and health care executives who wish to learn about health information technologies, systems, and their management." --Ramesh K. Shukla, Ph.D., professor and director, Williamson Institute for Healthcare Leadership, Department of Health Administration, Virginia Commonwealth University

Project Management in Nursing Informatics Dr. Mary Joy Garcia-Dia, DNP, RN 2019-02-20 "This book provides an important roadmap to assist nursing professionals, indeed all healthcare professionals, to achieving maximum benefits in patient care delivery through the application of technology and information science to clinical care." -Joyce J. Fitzpatrick, PhD, MBA, RN FAAN Elizabeth Brooks Ford Professor Nursing Frances Payne Bolton School of Nursing Case Western Reserve University Data and technology factor more heavily than ever on quality patient care in today's healthcare system. As technology increases in complexity and scope, involving more healthcare roles and types of data analysis, so does the demand for project management and astute leadership. Among other responsibilities, Nurse Informatics Specialists (NIS) manage and implement technology initiatives so clinicians' workflow is more efficient, which improves patient care, and the bottom line. To accomplish these goals, it is essential that the NIS has excellent Project Management skills. Written for graduate nursing students, Project Management in Nursing Informatics provides core project management skills for Informatics students. This text gives students project management examples using realistic healthcare case scenarios. Chapters describe nursing informatics competencies and project management concepts that will be essential for clinical practicum and practical experience. Case scenarios show the consequences of right and wrong processes and highlight factors that lead to success. With plenty of chapter activities, exercises, and tasks, this text pushes the written concepts into practical realities for the NIS. Key Features Incorporates key concepts in defining scope, tracking budget, and meeting deliverables within the expected timeline Features cases with real-world scenarios Contains templates to monitor and track multiple projects Provides tools to manage, track, and complete a capstone project Presents a basic review of key nursing informatics competencies and its relationship in designing a capstone project Workflow analysis, concept mapping, data specification, collection and analysis Accompanied by Instructor's PowerPoints

*Values, Rationality, and Power: Developing Organizational Wisdom* Brad C. Anderson 2019-10-21 This book presents an analysis of organizational wisdom via an embedded single case study of a group's attempt to develop and spread a medical innovation within a Canadian healthcare authority. By offering a unique insight into how values, rationality, and power interact in a real social setting, the book explores how they create positive change.

**Clinical Leadership in Nursing and Healthcare** David Stanley 2022-09-20 CLINICAL LEADERSHIP IN NURSING AND HEALTHCARE Clinical Leadership in Nursing and Healthcare offers a range of tools and topics that support and foster clinically focused nurses and other healthcare professionals to develop their leadership skills and strategies. The textbook is helpfully divided into three parts: information on the attributes of clinical leaders, the tools healthcare students and staff can use to develop their leadership potential, and clinical leadership issues. It also outlines a number of principles, frameworks, and topics that support nurses and healthcare professionals to develop and deliver effective clinical care as clinical leaders. Lastly, each chapter has a range of reflective questions and self-assessments to help consolidate learning. The newly revised third edition has been updated in light of recent key changes in health service approaches to care and values. While it covers a wide spectrum of practical topics, Clinical Leadership in Nursing and Healthcare also includes information on: Theories of leadership and management, organisational culture, gender, generational issues and leaders, project management,

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quality initiatives, and working in teams Managing change, effective clinical decision making, how to network and delegate, how to deal with conflict, and implementing evidence-based practice Congruent leadership, the link between values and actions, authentic leadership, leaving behind control as an objective, and managing power Why decisions go wrong, techniques for developing creativity, barriers to creativity, conflict resolution and management, negotiation, self-talk, and leading in a crisis With expert input from a diverse collection of experienced contributors, *Clinical Leadership in Nursing and Healthcare* is an invaluable resource for new leaders trying to establish themselves and existing leaders looking to perform at a higher level when it comes to quality and effective patient care.

**Handbook of Research on Emerging Perspectives on Healthcare Information Systems and Informatics** Tan, Joseph 2018-05-11 Over the decades, the fields of health information systems and informatics have seen rapid growth. Such integrative efforts within the two disciplines have resulted in emerging innovations within the realm of medicine and healthcare. The *Handbook of Research on Emerging Perspectives on Healthcare Information Systems and Informatics* provides emerging research on the innovative practices of information systems and informatic software in providing efficient, safe, and impactful healthcare systems. While highlighting topics such as conceptual modeling, surveillance data, and decision support systems, this handbook explores the applications and advancements in technological adoption and application of information technology in health institutions. This publication is a vital resource for hospital administrators, healthcare professionals, researchers, and practitioners seeking current research on health information systems in the digital era.

*Performance Improvement in Hospitals and Health Systems* James R. Langabeer II, FHIMSS, CMA, Editor 2009

Healthcare Project Management Kathy Schwalbe 2013-05-29 Professor Kathy Schwalbe, author of *Information Technology Project Management, Seventh Edition* and *An Introduction to Project Management, Fifth Edition*, has teamed up with Dan Furlong to provide this much-needed text for healthcare students and professionals. Dan manages the Project Management Office for the Medical University of South Carolina and also teaches project management in their Master in Health Administration program. Unique Features: Uses the Project Management Institute's PMBOK(r) Guide, Fifth Edition (2013) Provides in-depth examples for initiating, planning, executing, monitoring and controlling, and closing healthcare projects Includes over 60 template files and samples of important project documents (a business case, project charter, scope statement, project schedule, change request, quality control charts, etc.) Features in each chapter provide real-world examples and references, including Opening Cases and Case Wrap-Ups, examples of What Went Right, What Went Wrong, Media Snapshots, Best Practices, Video Highlights, and Healthcare Perspectives related to project management Includes a Brief Guide to Microsoft Project 2013, the most popular project management software today, with a free 60-day trial available from Microsoft Provides healthcare industry case studies and other teaching resources Includes a companion Web site with interactive quizzes, template files, links to sites mentioned in the text, and much more Instructors can access a secure site with lecture slides, test banks, etc. Visit [www.healthcarepm.com](http://www.healthcarepm.com) for more information"

Project Management for Healthcare Informatics Susan Houston 2007-11-25 Through its use of real clinical examples, this book provides an explanation of the project management process tailored for nurses. It first describes, in detail, the project management process along with its relationship to the phases of the project life cycle. Coverage includes the tools available to successfully complete each phase of the project management process and advance the project life cycle. With the aid of case studies and project examples, the book then examines how to apply these principles in the day-to-day work of the nurse,

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whether manager, staff nurse, educator, researcher, or informatician.

**Courageous Leadership** Sumeet Kumar 2017-12-15 *Courageous Leadership: The Missing Link to Creating a Lean Culture of Excellence* is one of the firsts of its kind to wade through the confusion among leaders on selecting the type of change approach that will get the best results in their organization. It educates the senior executive leaders and organizational excellence practitioners on the different characteristics of change and answers why the approach to incremental and transitional change cannot deliver the results expected from a transformational change. The author shares his experiences from leading several small and large scale organization transformations in multiple industries across different countries on how to establish a robust foundation for an excellence journey and integrate strategy into daily operations. This book elaborates on the types of courage and what it means to be a courageous leader while leading change in difficult situations, and what leaders do differently for putting the organization on a path to excellence and culture transformation. This book shares an innovative design, a methodology and an approach that combines best practices and principles from Malcolm Baldrige, Shingo, Lean, Six Sigma, Balanced Scorecard, accreditation, change management, patient and family-centered care, the Competing Values Framework, the LEADS framework, and the project management body of knowledge. The implementation of this model at a hospital in Canada propelled the organization further ahead on their transformational journey compared to other organizations that started much earlier. Sensei in Japanese means Teacher and Gyaan in Sanskrit means Knowledge. Brief sections on 'Sensei Gyaan' have been interspersed throughout the book to provide valuable tips to the readers based on author's experiential learnings over the past two decades. This book serves as a practical guide for senior executive leaders and organizational excellence practitioners, who wish to embark or are in various stages of their organizational excellence and culture transformation journey. Readers will be guided through 26 elements necessary for establishing a robust foundation and an additional set of 22 Management System elements required to create and sustain a culture of quality across the organization. For leaders in healthcare, the book provides a framework, guiding principles, and associated practices that support the implementation of the 4 core concepts of patient and family centered care namely, dignity and respect, information sharing, participation and collaboration. Included in the book are several examples with creative visuals, ready-to-use templates and standard works, models, guiding principles, and strategies based on best practices to assist leaders in their organization excellence journey.

*Nursing Informatics for the Advanced Practice Nurse* Susan McBride 2019

**The Transformation of Academic Health Centers** Steven Wartman 2015-03-30 *The Transformation of Academic Health Centers: The Institutional Challenge to Improve Health and Well-Being in Healthcare's Changing Landscape* presents the direct knowledge and vision of accomplished academic leaders whose unique positions as managers of some of the most complex academic and business enterprises make them expert contributors. Users will find invaluable insights and leadership perspectives on healthcare, health professions education, and bio-medical and clinical research that systematically explores the evolving role of global academic health centers with an eye focused on the transformation necessary to be successful in challenging environments. The book is divided into five sections moving from the broad perspective of the role of academic health centers to the role of education, training, and disruptive technologies. It then addresses the discovery processes, improving funding models, and research efficiency. Subsequent sections address the coming changes in healthcare delivery and future perspectives, providing a complete picture of the needs of the growing and influential healthcare sector. Outlines strategies for academic health centers to successfully adapt to the global changes in healthcare and delivery Offers forward-thinking and compelling professional and personal assessments of the

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evolving role of academic health centers by recognized outstanding academic healthcare leaders  
Includes case studies and personal reflections, providing lessons learned and new recommendations to challenge leaders  
Provides discussions on the discovery process, improving funding models, and research efficiency

**Nursing Informatics for the Advanced Practice Nurse, Second Edition** Susan McBride, PhD, RN-BC, CPHIMS 2018-09-28 A "must have" text for all healthcare professionals practicing in the digital age of healthcare. Nursing Informatics for the Advanced Practice Nurse, Second Edition, delivers a practical array of tools and information to show how advanced practice nurses can maximize patient safety, quality of care, and cost savings through the use of technology. Since the first edition of this text, health information technology has only expanded. With increased capability and complexity, the current technology landscape presents new challenges and opportunities for interprofessional teams. Nurses, who are already trained to use the analytic process to assess, analyze, and intervene, are in a unique position to use this same process to lead teams in addressing healthcare delivery challenges with data. The only informatics text written specifically for advanced practice nurses, Nursing Informatics for the Advanced Practice Nurse, Second Edition, takes an expansive, open, and innovative approach to thinking about technology. Every chapter is highly practical, filled with case studies and exercises that demonstrate how the content presented relates to the contemporary healthcare environment. Where applicable, concepts are aligned with the six domains within the Quality and Safety Education in Nursing (QSEN) approach and are tied to national goals and initiatives. Featuring chapters written by physicians, epidemiologists, engineers, dietitians, and health services researchers, the format of this text reflects its core principle that it takes a team to fully realize the benefit of technology for patients and healthcare consumers. What's New Several chapters present new material to support teams' optimization of electronic health records Updated national standards and initiatives Increased focus and new information on usability, interoperability and workflow redesign throughout, based on latest evidence Explores challenges and solutions of electronic clinical quality measures (eCQMs), a major initiative in healthcare informatics; Medicare and Medicaid Services use eCQMs to judge quality of care, and how dynamics change rapidly in today's environment Key Features Presents national standards and healthcare initiatives Provides in-depth case studies for better understanding of informatics in practice Addresses the DNP Essentials, including II: Organization and system leadership for quality improvement and systems thinking, IV: Core Competency for Informatics, and Interprofessional Collaboration for Improving Patient and Population health outcomes Includes end-of-chapter exercises and questions for students Instructor's Guide and PowerPoint slides for instructors Aligned with QSEN graduate-level competencies

Health Care Information Systems Karen A. Wager 2022-02-15 "Today's health care providers and organizations across the continuum of care have come to depend on reliable health care information systems (HCIS) to manage their patient populations effectively while reducing costs and improving the quality of care. This chapter will explore some of the most significant influences shaping current and future HCIS in the United States. Certainly, advances in information technology affect HCIS development, but national private sector and government initiatives have played key roles in the adoption and application of the technologies in health care"--

*Project Management for Healthcare Information Technology* Scott Coplan 2011-01-26 A Proven, Integrated Healthcare Information Technology Management Solution Co-written by a certified Project Management Professional and an M.D., Project Management for Healthcare Information Technology presents an effective methodology that encompasses standards and best practices from project management, information technology management, and change management for a streamlined transition to digital medicine. Each management discipline is examined in detail and defined as a set of

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knowledge areas. The book then describes the core processes that take place within each knowledge area in the initiating, planning, executing, controlling, and closing stages of a project. Real-world examples from healthcare information technology project leaders identify how the integrated approach presented in this book leads to successful project implementations. Coverage Includes: Integrating project, information technology, and change management methodologies PMBOK Guide process groups--initiating, planning, executing, controlling, and closing Project management knowledge areas--integration, scope, time, cost, quality, human resource, communication, risk, and procurement management IT management knowledge areas--user requirements, infrastructure, conversion, software configuration, workflow, security, interface, testing, cutover, and support management Change management knowledge areas--realization, sponsorship, transformation, training, and optimization management

*Managing Money, Measurement and Marketing in the Allied Health Professions* Robert Jones 2018-04-19 High-quality Allied Health delivery through a motivated, committed and expert workforce depends on strong management and leadership. To provide this, Allied Health Profession managers need solid, evidence-based business skills just as much as clinical knowledge and ability. This book focuses on the key management areas of money, measurement and marketing as applied to the Allied Health Professions. Bringing together nationally and internationally acknowledged and recognised experts from around the world, it explains the finances of healthcare, particularly in a cash-strapped environment, information and information management, and the marketing of services - in the broadest sense - based on a robust foundation of business planning and business-case development, project management, service level agreements and specification. Report writing and presentation skills are also covered, along with editors' quality and leadership evaluation framework, the Management Quality Matrix. The information, background and practical techniques covered in this book will make it a thought-provoking and indispensable resource both for managers and leaders of Allied Health Professionals and for those training future managers and leaders.

*Agile Project Delivery* Aaron A. Blair 2020-12-18 Agile Project Delivery reviews how different Agile methods can be applied to project delivery in complex corporate environments beyond the Agile Manifesto's original scope of software development. Taking readers through a typical project lifecycle, the text demonstrates how Agile techniques can be applied to each phase of a project using valuable tools and examples. Agile Project Delivery covers various approaches that are used across the many methodologies and frameworks that are part of the Agile family, including Scrum, XP, and Crystal, as well as some of Agile's influences, such as Lean and Kanban. Agile Project Delivery also provides readers with advanced instructions for using Atlassian's industry-leading Agile software, Jira. Bridging the gap between Agile methodology and application, this concise guide features practical delivery approaches, engaging case studies, useful templates to assist in Agile application, and chapter discussion questions to reinforce understanding on how to harness the benefits of Agile. With a focus on settings outside of software development and an accessible, pragmatic approach, Agile Project Delivery is an invaluable resource for students in any project management course, as well as for both aspiring and experienced project practitioners.

Statistical Methods in Healthcare Frederick W. Faltin 2012-07-24 In recent years the number of innovative medicinal products and devices submitted and approved by regulatory bodies has declined dramatically. The medical product development process is no longer able to keep pace with increasing technologies, science and innovations and the goal is to develop new scientific and technical tools and to make product development processes more efficient and effective. Statistical Methods in Healthcare focuses on the application of statistical methodologies to evaluate promising alternatives and to optimize

the performance and demonstrate the effectiveness of those that warrant pursuit is critical to success. Statistical methods used in planning, delivering and monitoring health care, as well as selected statistical aspects of the development and/or production of pharmaceuticals and medical devices are also addressed. With a focus on finding solutions to these challenges, this book: Provides a comprehensive, in-depth treatment of statistical methods in healthcare, along with a reference source for practitioners and specialists in health care and drug development. Offers a broad coverage of standards and established methods through leading edge techniques. Uses an integrated, case-study based approach, with focus on applications. Looks at the use of analytical and monitoring schemes to evaluate therapeutic performance. Features the application of modern quality management systems to clinical practice, and to pharmaceutical development and production processes. Addresses the use of modern Statistical methods such as Adaptive Design, Seamless Design, Data Mining, Bayesian networks and Bootstrapping that can be applied to support the challenging new vision. Practitioners in healthcare-related professions, ranging from clinical trials to care delivery to medical device design, as well as statistical researchers in the field, will benefit from this book.

Understanding Population Health Analytics Martha Sylvia 2021-03 "Binding: PB"--

**E-Health and Telemedicine: Concepts, Methodologies, Tools, and Applications** Management Association, Information Resources 2015-09-23 Advances in medical technology increase both the efficacy and efficiency of medical practice, and mobile technologies enable modern doctors and nurses to treat patients remotely from anywhere in the world. This technology raises issues of quality of care and medical ethics, which must be addressed. E-Health and Telemedicine: Concepts, Methodologies, Tools, and Applications explores recent advances in mobile medicine and how this technology impacts modern medical care. Three volumes of comprehensive coverage on crucial topics in wireless technologies for enhanced medical care make this multi-volume publication a critical reference source for doctors, nurse practitioners, hospital administrators, and researchers and academics in all areas of the medical field. This seminal publication features comprehensive chapters on all aspects of e-health and telemedicine, including implementation strategies; use cases in cardiology, infectious diseases, and cytology, among others; care of individuals with autism spectrum disorders; and medical image analysis.

MEDINFO 2017: Precision Healthcare Through Informatics A.V. Gundlapalli 2018-01-31 Medical informatics is a field which continues to evolve with developments and improvements in foundational methods, applications, and technology, constantly offering opportunities for supporting the customization of healthcare to individual patients. This book presents the proceedings of the 16th World Congress of Medical and Health Informatics (MedInfo2017), held in Hangzhou, China, in August 2017, which also marked the 50th anniversary of the International Medical Informatics Association (IMIA). The central theme of MedInfo2017 was "Precision Healthcare through Informatics", and the scientific program was divided into five tracks: connected and digital health; human data science; human, organizational, and social aspects; knowledge management and quality; and safety and patient outcomes. The 249 accepted papers and 168 posters included here span the breadth and depth of sub-disciplines in biomedical and health informatics, such as clinical informatics; nursing informatics; consumer health informatics; public health informatics; human factors in healthcare; bioinformatics; translational informatics; quality and safety; research at the intersection of biomedical and health informatics; and precision medicine. The book will be of interest to all those who wish to keep pace with advances in the science, education, and practice of biomedical and health informatics worldwide.

**Nursing Informatics for the Advanced Practice Nurse, Third Edition** Susan McBride, PhD, RN-BC, CPHIMS, FAAN 2022-02-01 Winner of two first place AJN Book of the Year Awards! This award-winning

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resource uniquely integrates national goals with nursing practice to achieve safe, efficient quality of care through technology management. The heavily revised third edition emphasizes the importance of federal policy in digitally transforming the U.S. healthcare delivery system, addressing its evolution and current policy initiatives to engage consumers and promote interoperability of the IT infrastructure nationwide. It focuses on ways to optimize the massive U.S. investment in HIT infrastructure and examines usability, innovative methods of workflow redesign, and challenges with electronic clinical quality measures (eCQMs). Additionally, the text stresses documentation challenges that relate to usability issues with EHRs and sub-par adoption and implementation. The third edition also explores data science, secondary data analysis, and advanced analytic methods in greater depth, along with new information on robotics, artificial intelligence, and ethical considerations. Contributors include a broad array of notable health professionals, which reinforces the book's focus on interprofessionalism. Woven throughout are the themes of point-of-care applications, data management, and analytics, with an emphasis on the interprofessional team. Additionally, the text fosters an understanding of compensation regulations and factors. New to the Third Edition: Examines current policy initiatives to engage consumers and promote nationwide interoperability of the IT infrastructure Emphasizes usability, workflow redesign, and challenges with electronic clinical quality measures Covers emerging challenge proposed by CMS to incorporate social determinants of health Focuses on data science, secondary data analysis, citizen science, and advanced analytic methods Revised chapter on robotics with up-to-date content relating to the impact on nursing practice New information on artificial intelligence and ethical considerations New case studies and exercises to reinforce learning and specifics for managing public health during and after a pandemic COVID-19 pandemic-related lessons learned from data availability, data quality, and data use when trying to predict its impact on the health of communities Analytics that focus on health inequity and how to address it Expanded and more advanced coverage of interprofessional practice and education (IPE) Enhanced instructor package Key Features: Presents national standards and healthcare initiatives as a guiding structure throughout Advanced analytics is reflected in several chapters such as cybersecurity, genomics, robotics, and specifically exemplify how artificial intelligence (AI) and machine learning (ML) support related professional practice Addresses the new re-envisioned AACN essentials Includes chapter objectives, case studies, end-of-chapter exercises, and questions to reinforce understanding Aligned with QSEN graduate-level competencies and the expanded TIGER (Technology Informatics Guiding Education Reform) competencies.

**IT Governance in Hospitals and Health Systems** Roger Kropf, PhD, and Guy Scalzi, MBA 2012  
"Without a governance structure, IT management at many hospitals and health systems is a haphazard process that typically results in late, over budget projects and, ultimately, fragmented systems. IT Governance in Hospitals and Health Systems offers a practical 'how to' guide to creating an information technology governance structure that ensures that IT projects supporting a hospital's or health system's strategy are completed on time and on budget ..."--Back cover.

Basics of Health Care Performance Improvement Donald Lighter 2011-12-21 Rev. ed. of: Quality management in health care / Donald E. Lighter and Douglas C. Fair. c2004.

**The Lean Healthcare Handbook** Thomas Pyzdek 2021-04-28 The book shows readers exactly how to use Lean tools to design healthcare work that is smooth, efficient, error free and focused on patients and patient outcomes. It includes in-depth discussions of every important Lean tool, including value stream maps, takt time, spaghetti diagrams, workcell design, 5S, SMED, A3, Kanban, Kaizen and many more, all presented in the context of healthcare. For example, the book explains the importance of quick operating room or exam room changeovers and shows the reader specific methods for drastically reducing changeover time. Readers will learn to create healthcare value streams where workflows are based on

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the pull of customer/patient demand. The book also presents a variety of ways to continue improving after initial Lean successes. Methods for finding the root causes of problems and implementing effective solutions are described and demonstrated. The approach taught here is based on the Toyota Production System, which has been adopted worldwide by healthcare organizations for use in clinical, non-clinical and administrative areas.

**Healthcare Project Management, Second Edition** Kathy Schwalbe 2017-12 Professor Kathy Schwalbe, author of Information Technology Project Management, Eighth Edition and An Introduction to Project Management, Sixth Edition, has teamed up with Dan Furlong to provide the second edition of this much-needed text for healthcare students and professionals. Dan manages the Project Management Office for the Medical University of South Carolina and also teaches project management in their Master in Health Administration program. Unique Features: \*Uses the Project Management Institute's PMBOK(r) Guide-Sixth Edition (2017) \*Provides in-depth examples for initiating, planning, executing, monitoring and controlling, and closing healthcare projects \*Includes over 60 template files and samples of important project documents (a business case, project charter, scope statement, project schedule, change request, etc.) \*Features in each chapter provide real-world examples and references, including Opening Cases and Case Wrap-Ups, examples of What Went Right, What Went Wrong, Media Snapshots, Best Practices, Video Highlights, and Healthcare Perspectives related to project management \*Includes a Brief Guide to Microsoft Project 2016, the most popular project management software today, with a free trial available from Microsoft \*Provides healthcare industry case studies and other teaching resources \*Includes a companion Web site with interactive quizzes, template files, links to sites mentioned in the text, and much more \*Instructors can access a secure site with lecture slides, test banks, etc. \*Visit [www.healthcarepm.com](http://www.healthcarepm.com) for more information

**Underlying Standards that Support Population Health Improvement** Laura Bright 2017-11-10 This book highlights success stories and challenges to implementing health IT standards. The narrative of each chapter demonstrates how standards further interoperable health data exchange, especially in the service of advancing tools to monitor population health. These are critical stories that demonstrate to an international community of health and IT experts how to bring the right stakeholders together and bridge classic divides between software architects and clinical end users, health system decision-makers and standard authors.

### **Healthcare Financial Management** 2008

Operations Management in Healthcare, Second Edition Corinne M. Karuppan, PhD, CPIM 2021-12-07 This thoroughly revised and updated second edition of Operations Management in Healthcare: Strategy and Practice describes how healthcare organizations can cultivate a competitive lead by developing superior operations using a strategic perspective. In clearly demonstrating the "how-tos" of effectively managing a healthcare organization, this new edition also addresses the "why" of providing quality and value-based care. Comprehensive and practice-oriented, chapters illustrate how to excel in the four competitive priorities - quality, cost, delivery, and flexibility - in order to build a cumulative model of healthcare operations in which all concepts and tools fit together. This textbook encourages a hands-on approach and integrates mind maps to connect concepts, icons for quick reference, dashboards for measurement and tracking of progress, and newly updated end-of-chapter problems and assignments to reinforce creative and critical thinking. Written with the diverse learning needs in mind for programs in health administration, public health, business administration, public administration, and nursing, the textbook equips students with essential high-level problem-solving and process improvement skills. The book reveals concepts and tools through a series of short vignettes of a fictitious healthcare organization as it

embarks on its journey to becoming a highly reliable organization. This second edition also includes a strong emphasis on the patient's perspective as well as expanded and added coverage of Lean Six Sigma, value-based payment models, vertical integration, mergers and acquisitions, artificial intelligence, population health, and more to reflect evolving innovations in the healthcare environment across the United States. Complete with a full and updated suite of Instructor Resources, including Instructor's Manual, PowerPoints, and test bank in addition to data sets, tutorial videos, and Excel templates for students. Key Features: Demonstrates the "how-tos" of effectively managing a healthcare organization Sharpens problem-solving and process improvement skills through use of an extensive toolkit developed throughout the text Prepares students for Lean Six Sigma certification with expanded coverage of concepts, tools, and analytics Highlights new trends in healthcare management with coverage of value-based payments, mergers and acquisitions, population health, telehealth, and more Intertwines concepts with vivid vignettes to describe human dynamics, organizational challenges, and applications of tools Employs boxed features and YouTube videos to address frequently asked questions and real-world instances of operations in practice

The Power of Ideas to Transform Healthcare Steve Hoefft 2017-07-27 Many companies conduct Lean training and projects, but few have tapped the wealth of ideas in the minds of their staff like Baylor Scott and White Health. This book documents the path Steve Hoefft and Robert Pryor created at Baylor Scott and White Health and shares what worked as well as what didn't illustrating over seven years of successes and fai

**Public Health Informatics and Information Systems** J.A. Magnuson 2020-07-17 This 3rd edition of a classic textbook examines the context and background of public health informatics, explores the technology and science underlying the field, discusses challenges and emerging solutions, reviews many key public health information systems, and includes practical, case-based studies to guide the reader through the topic. The editors have expanded the text into new areas that have become important since publication of the previous two editions due to changing technologies and needs in the field, as well as updating and augmenting much of the core content. The book contains learning objectives, overviews, future directions, and review questions to assist readers to engage with this vast topic. The Editors and their team of well-known contributors have built upon the foundation established by the previous editions to provide the reader with a comprehensive and forward-looking review of public health informatics. The breadth of material in *Public Health Informatics and Information Systems*, 3rd edition makes it suitable for both undergraduate and graduate coursework in public health informatics, enabling instructors to select chapters that best fit their students' needs.