
Healthcare Operations Management

Optimizing Emergency Department Throughput
 Healthcare Operations Management, Fourth Edition
 Healthcare Management Engineering: What Does This Fancy Term Really Mean?
 Health Care Operations and Supply Chain Management
 Handbook of Healthcare Logistics
 Health Care Supply Chain Management: Elements, Operations, and Strategies
 The Logics of Healthcare
 Management and Marketing for Improved Competitiveness and Performance in the Healthcare Sector
 Operations Research and Health Care
 Innovations in Healthcare Management
 Sustainability for Healthcare Management
 Handbook on Business Information Systems
 Healthcare Operations Management
 Focused Operations Management for Health Services Organizations
 Healthcare Service Management
 Healthcare Operations Management
 Lean Daily Management for Healthcare Field Book
 Improving Financial and Operations Performance
 Effective Lifecycle Management of Healthcare Applications
 Hospitals & Health Care Organizations
 Handbook of Research on Healthcare Administration and Management
 Health Care Operations and Supply Chain Management
 Public Service Operations Management
 Operations Management for Healthcare Organizations
 Theory and Practice of Business Intelligence in Healthcare
 Handbook of Healthcare System Scheduling
 Health Care Operations Management
 Service Business Model Innovation in Healthcare and Hospital Management
 Hospital Operations
 Operations Research Applications in Health Care Management
 Transportation, Logistics, and Supply Chain Management in Home Healthcare: Emerging Research and Opportunities
 Analytics and Decision Support in Health Care Operations Management
 Operations Management for Social Good
 Operations Management in Healthcare
 Health Operations Management
 Handbook of Healthcare Operations Management
 Project Management for Healthcare
 Health Care Operations Management
 Health Care Operations Management
 Hospital Management and Emergency Medicine: Breakthroughs in Research and Practice

*Healthcare Operations
Management*

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Optimizing Emergency Department Throughput Springer Science & Business Media

Health Care Operations Management: A Systems Perspective, Second Edition provides comprehensive and practical coverage of all aspects of operations management specific to the healthcare industry. It covers everything from hospital finances to project management, patient flows, performance management, process improvement, and supply chain management. This is an ideal text for university courses in healthcare management at all levels. It is also an excellent professional reference for

healthcare administrators, clinical support managers, and supply chain professionals. The Second Edition has been thoroughly updated with the most recent data, statistics, and references. It also offers expanded coverage of quality, financial, and systems management, as well as a new chapter entitled "Operational Metrics in Health Care Organization". [Healthcare Operations Management, Fourth Edition](#) CRC Press
Business intelligence supports managers in enterprises to make informed business decisions in various levels and domains such as in healthcare. These technologies can handle large structured and unstructured data (big data) in the healthcare industry. Because of the complex nature of healthcare data and the significant impact of healthcare data analysis, it is important to understand

both the theories and practices of business intelligence in healthcare. Theory and Practice of Business Intelligence in Healthcare is a collection of innovative research that introduces data mining, modeling, and analytic techniques to health and healthcare data; articulates the value of big volumes of data to health and healthcare; evaluates business intelligence tools; and explores business intelligence use and applications in healthcare. While highlighting topics including digital health, operations intelligence, and patient empowerment, this book is ideally designed for healthcare professionals, IT consultants, hospital directors, data management staff, data analysts, hospital administrators, executives, managers, academicians, students, and researchers seeking current research on the digitization of health

records and health systems integration.

Healthcare Management Engineering: What Does This Fancy Term Really Mean? Springer Nature

As developed economies enter a period of slower growth, emerging economies such as India have become prime examples of how more can be achieved with less. Bringing together experience and expertise from across the healthcare industry, this book examines innovations that can bring about real advances in the healthcare industry. *Innovations in Health Care Operations and Supply Chain Management* Springer Nature --Book Jacket.

Handbook of Healthcare Logistics Springer

With advancing technology and the digitization of the modern era, businesses are required to adopt the latest innovations computer science and information technology have to offer. The field of home healthcare must utilize the finest available operations management systems in order to remain relevant in a globalized world while also providing the best treatment possible to its patients. *Transportation, Logistics, and Supply Chain Management in Home Healthcare: Emerging Research and Opportunities* is an essential reference source that provides theoretical and empirical research on logistics management and transportation and scheduling routing and their applications in home healthcare and logistics. While highlighting topics such as hybrid energy, scheduling optimization, and forecasting techniques, this book is ideally designed for outpatient doctors and nurses, transportation professionals, logisticians, home healthcare managers, computer scientists, logistic engineers, health practitioners, academicians, researchers, and students.

Health Care Supply Chain Management: Elements, Operations, and Strategies IGI Global

Effective healthcare delivery is a vital concern for citizens and communities across the globe. The numerous facets of this industry require constant re-evaluation and optimization of management techniques. *The Handbook of Research on Healthcare Administration and Management* is a pivotal reference source for the latest scholarly material on emerging strategies and methods for delivering optimal healthcare opportunities and solutions. Highlighting issues relating to decision making, process optimization, and technological applications, this book is ideally designed for policy makers, administrators, students, professionals, and researchers

interested in achieving superior healthcare solutions.

The Logics of Healthcare Jones & Bartlett Learning

This volume showcases the presentations and discussions delivered at the 2018 POMS International Conference in Rio. Through a collection of selected papers, it is possible to review the impact and application of operations management for social good, with contributions across a wide range of topics, including: humanitarian operations and crisis management, healthcare operations management, sustainable operations, artificial intelligence and data analytics in operations, product innovation and technology in operations management, marketing and operations management, service operations and servitization, logistics and supply chain management, resilience and risk in operations, defense, and tourism among other emerging Operations Management issues. The Production and Operations Management Society (POMS) is one of the most important and influential societies in the subject of Production Engineering and, as an international professional and academic organization, represents the interests of professionals and academics in production management and operations around the world.

Management and Marketing for Improved Competitiveness and Performance in the Healthcare Sector Jones & Bartlett Publishers

Focusing on the management of patient flows and resources in and between healthcare organizations, this book will include both a theoretical framework and case studies for practical use by students. *Operations Research and Health Care* IGI Global

Improvements in hospital management and emergency medical and critical care services require continual attention and dedication to ensure efficient and proper care for citizens. To support this endeavor, professionals rely more and more on the application of information systems and technologies to promote the overall quality of modern healthcare.

Implementing effective technologies and strategies ensures proper quality and instruction for both the patient and medical practitioners. *Hospital Management and Emergency Medicine: Breakthroughs in Research and Practice* examines the latest scholarly material on emerging strategies and methods for delivering optimal emergency medical care and examines the latest technologies and tools that support the development of efficient emergency departments and

hospital staff. While highlighting the challenges medical practitioners and healthcare professionals face when treating patients and striving to optimize their processes, the book shows how revolutionary technologies and methods are vastly improving how healthcare is implemented globally. Highlighting a range of topics such as overcrowding, decision support systems, and patient safety, this publication is an ideal reference source for hospital directors, hospital staff, emergency medical services, paramedics, medical administrators, managers and employees of health units, physicians, medical students, academicians, and researchers seeking current research on providing optimal care in emergency medicine. *Innovations in Healthcare Management* Springer

Hospitals are large and complex organizations, yet they function largely without sophistication and technology inherent in other large businesses. In a time when well over half of all hospitals report negative operating margins, driving down costs through logistics and the supply chain is one of the most important yet overlooked areas for cost improvements. Hospitals and other healthcare systems spend more time and money on their supply chain than on physicians and doctors salaries combined. This is one of the first books to focus on the core business support services typically called "logistics" in healthcare. These include: Hospital materials management and the clinical supply chain Laundry and linen management eCommerce and technology in hospital logistics Accounting for medical supplies and inventories Inventory management Healthcare vendor collaboration Demand and supply planning This is an ideal text for healthcare administrators and functional business managers responsible for purchasing, receiving, supplier management, business planning, accounting, and hospital administration as well as for students of hospital business services.

Sustainability for Healthcare Management CRC Press

Like its predecessor, this book focuses operations management and the strategic implementation of programs, techniques, and tools for reducing costs and improving quality. It not only covers the basics of operations management, but also explains how operations and process improvement relate to contemporary healthcare trends such as evidence-based medicine and pay-for-performance. The book's practical approach includes real-world examples to

illustrate concepts and explanations of software tools that solve operational problems. This second edition has been thoroughly revised to address current issues facing healthcare managers. Major revisions include extensive updates to the chapters on statistical tools, Six Sigma, and the Lean enterprise. The chapter on project management now includes information on agile, and the chapter on scheduling and capacity management has been substantially rewritten and expanded. A new chapter on improving financial performance with operations management has been added. Key Features: Emphasizes the importance of operations management in implementing the Affordable Care Act Aligns strategic and operational goals, including the use of project management tools and balanced-scorecard techniques to execute and monitor projects Thoroughly explores performance tools, techniques, and programs, including Six Sigma, the Lean enterprise, and simulation Applies process improvement tools to supply chain management, scheduling, and other healthcare issues Includes chapter overviews, a running glossary, discussion questions, and problems for each chapter

Handbook on Business Information Systems Association of University Programs in Health Administration/Health Administration Press

The increasing pressure on the bottom line of healthcare provider organizations requires leaders who understand and can adeptly apply the basic principles of effective financial and operations management. To be successful in today's environment leaders must simultaneously improve quality and service while reducing expense. *Improving Financial and Operations Performance: A Healthcare Leader's Guide* is a collection of proven effective tips, tools, and techniques accumulated from real-world challenges and lessons learned logically organized to provide a straightforward approach to planning, assessing, managing, and monitoring a business enterprise to improve profitability. This book provides a clear, step-by-step "how to" approach for both new and experienced leaders seeking a leg up in tackling the myriad of common and complex challenges they are facing including conducting a budget variance analysis, managing labor and non-labor productivity and expense, performing a comprehensive financial condition analysis, growing profitable volume and market share, developing an effective business case for improving quality, and evaluating the financial impact of a future project. Written for clinical and

administrative leaders working in the trenches, it provides practical and applicable tools with relevant, real-world, and replicable case study examples. The essential value of *Improving Financial and Operations Performance: A Healthcare Leader's Guide* is improving decision-making effectiveness, enhancing operations efficiency know-how, and developing strong financial management acumen to overcome the challenges in today's healthcare environment. Key Features: Author experience with extensive expertise as a former investor-owned hospital CEO, integrated health system vice president, managing director for the renowned turnaround experts, the Hunter Group, and graduate business school professor in management, finance, and economics. Realistic case examples to apply the key lessons through detailed practical and relevant case studies using clear step-by-step instructions. Calls-to-action at the end of each chapter with critical leadership imperatives to help prioritize and focus efforts on what matters most. Comprehensive glossary of key terms and concepts using plain easy to understand language. Appendices and Excel templates containing easy-to-use plug-and-play financial worksheets, checklists, best practice pathways, and performance assessments.

Healthcare Operations Management CRC Press

How do policy makers and managers square the circle of increasing demand and expectations for the delivery and quality of services against a backdrop of reduced public funding from government and philanthropists? Leaders, executives and managers are increasingly focusing on service operations improvement. In terms of research, public services are immature within the discipline of operations management, and existing knowledge is limited to government departments and large bureaucratic institutions. Drawing on a range of theory and frameworks, this book develops the research agenda, and knowledge and understanding in public service operations management, addressing the most pressing dilemmas faced by leaders, executives and operations managers in the public services environment. It offers a new empirical analysis of the impact of contextual factors, including the migration of planning systems founded on MRP/ERP and the adoption of industrial based improvement practices such as TQM, lean thinking and Six Sigma. This will be of interest to researchers, educators and advanced students in public management, service operations management, health

service management and public policy studies.

Focused Operations Management for Health Services Organizations IGI Global

A compendium of health care quantitative techniques based in Excel Analytics and Decision Support in Health Care Operations is a comprehensive introductory guide to quantitative techniques, with practical Excel-based solutions for strategic health care management. This new third edition has been extensively updated to reflect the continuously evolving field, with new coverage of predictive analytics, geographical information systems, flow process improvement, lean management, six sigma, health provider productivity and benchmarking, project management, simulation, and more. Each chapter includes additional new exercises to illustrate everyday applications, and provides clear direction on data acquisition under a variety of hospital information systems. Instructor support includes updated Excel templates, PowerPoint slides, web based chapter end supplements, and data banks to facilitate classroom instruction, and working administrators will appreciate the depth and breadth of information with clear applicability to everyday situations. The ability to use analytics effectively is a critical skill for anyone involved in the study or practice of health services administration. This book provides a comprehensive set of methods spanning tactical, operational, and strategic decision making and analysis for both current and future health care administrators. Learn critical analytics and decision support techniques specific to health care administration Increase efficiency and effectiveness in problem-solving and decision support Locate appropriate data in different commonly-used hospital information systems Conduct analyses, simulations, productivity measurements, scheduling, and more From statistical techniques like multiple regression, decision-tree analysis, queuing and simulation, to field-specific applications including surgical suite scheduling, roster management, quality monitoring, and more, analytics play a central role in health care administration. *Analytics and Decision Support in Health Care Operations* provides essential guidance on these critical skills that every professional needs.

Healthcare Service Management Jones & Bartlett Publishers

Varying factors such as the aging of the population, the increasing burden of

chronic conditions and the recent global pandemic have highlighted the need for a redesign of healthcare production processes. This book provides a useful framework to capture the necessary organizational conditions to successfully implement operations strategies within healthcare organizations. The Operations Management (OM) function has become crucial; in fact, it is essential for managing the flow of both patients and supplies, in an efficient, responsive and flexible manner. The book outlines the models and operational solutions to these two key areas that characterize OM in healthcare: patient flow logistics, with the goal of optimizing the entire production cycle from first access by the patient to discharge and follow-up; and supply chain management, with the goal of ensuring that resources are successfully managed throughout the production lifecycle. The examples and case studies included in the book are based on the experience of the author who has had the opportunity to do research and training in the area of operations management, within different types of healthcare delivery organizations at both the national and international level, and often at publicly owned institutions. The book is a useful guide for students, managers and policy makers interested in the development and implementation of the OM function in healthcare delivery organizations.

Healthcare Operations Management CRC Press

Health Care Operations and Supply Chain Management This innovative text offers a thorough foundation in operations management, supply chain management, and the strategic implementation of programs, techniques, and tools for reducing costs and improving quality in health care organizations. The authors incorporate the features and functions of Microsoft Excel where appropriate in their coverage of supply chain strategy, process design and analysis of health care operations, managing health care operations quality, and planning and controlling health care operations. Health Care Operations and Supply Chain Management offers real-world examples to illustrate the most current concepts and techniques such as value stream mapping and Six Sigma. In addition, the authors clearly demonstrate how operations and process improvement relate to contemporary health care trends such as evidence-based medicine and pay-for-performance. Health Care Operations and Supply Chain Management contains: Leading edge concepts and techniques Real-life data and actual examples from

health care settings to underscore the main concepts in the text Instruction in the use of Microsoft Excel for health care operations and supply side management The book's numerous screen shots and detailed instructions guide the student through the use of Microsoft Excel's many functions and features.

[Lean Daily Management for Healthcare Field Book](#) Springer Publishing Company

By one estimate, the U.S. wastes \$480 billion annually on healthcare expenditures that don't improve care. Worse, because of faulty systems – not personnel – up to 98,000 people die every year due to preventable medical errors – and that doesn't count non-terminal events such as hospital-acquired infections. In Hospital Operations, two leading operations management experts and four senior physicians demonstrate how to apply new OM advances to substantially improve any hospital's operational, clinical, and financial performance. Replete with examples, this book shows how to diagram hospital flows, trace interconnections, and optimize flows for better performance. Readers will find specific guidance on improving emergency departments, operating rooms, hospital floors, and diagnostic units; and successfully applying metrics. Coverage includes: reducing ER overcrowding and enhancing patient safety...improving OR scheduling, enhancing organizational learning, and responding to surgeons and other stakeholders... improving bed availability, optimizing nurse schedules, and creating more seamless patient handoffs... reducing lab turnaround time, improving imaging responsiveness, and decreasing lab errors...successfully applying the right metrics for every facet of hospital performance. The authors conclude by previewing the "Hospital of the Future," addressing issues ranging from prevention and self-care to the evolution of technology and evidence-based medicine.

Improving Financial and Operations Performance Jossey-Bass

Drawing on the expertise of decision-making professionals, leaders, and managers in health care organizations, *Hospitals & Health Care Organizations: Management Strategies, Operational Techniques, Tools, Templates, and Case Studies* addresses decreasing revenues, increasing costs, and growing consumer expectations in today's increasingly competitive health care market. Offering practical experience and applied operating vision, the authors integrate Lean managerial applications, and regulatory perspectives with real-world case studies,

models, reports, charts, tables, diagrams, and sample contracts. The result is an integration of post PP-ACA market competition insight with Lean management and operational strategies vital to all health care administrators, comptrollers, and physician executives. The text is divided into three sections: Managerial Fundamentals Policy and Procedures Strategies and Execution Using an engaging style, the book is filled with authoritative guidance, practical health care-centered discussions, templates, checklists, and clinical examples to provide you with the tools to build a clinically efficient system. Its wide-ranging coverage includes hard-to-find topics such as hospital inventory management, capital formation, and revenue cycle enhancement. Health care leadership, governance, and compliance practices like OSHA, HIPAA, Sarbanes-Oxley, and emerging ACO model policies are included. Health 2.0 information technologies, EMRs, CPOEs, and social media collaboration are also covered, as are 5S, Six Sigma, and other logistical enhancing flow-through principles. The result is a must-have, "how-to" book for all industry participants.

[Effective Lifecycle Management of Healthcare Applications](#) World Scientific
"This book explores the core principles of effective organizational operations and explains how they can be used to tackle specific challenges in healthcare"--
[Hospitals & Health Care Organizations](#) John Wiley & Sons

In both rich and poor nations, public resources for health care are inadequate to meet demand. Policy makers and health care providers must determine how to provide the most effective health care to citizens using the limited resources that are available. This chapter describes current and future challenges in the delivery of health care, and outlines the role that operations research (OR) models can play in helping to solve those problems. The chapter concludes with an overview of this book – its intended audience, the areas covered, and a description of the subsequent chapters. KEY WORDS Health care delivery, Health care planning HEALTH CARE DELIVERY: PROBLEMS AND CHALLENGES 3 1.1 WORLDWIDE HEALTH: THE PAST 50 YEARS Human health has improved significantly in the last 50 years. In 1950, global life expectancy was 46 years [1]. That figure rose to 61 years by 1980 and to 67 years by 1998 [2]. Much of these gains occurred in low- and middle-income countries, and were due in large part to improved nutrition and sanitation, medical innovations, and improvements in public

health infrastructure.