

Health Service Management Lecture Note Jimma University

The official Kaplan Lecture Notes for USMLE Step 2 CK cover the comprehensive information you need to ace the USMLE Step 2 and match into the residency of your choice. Up-to-date. Updated annually by Kaplan's all-star faculty. Highly illustrated. Includes color images and tables. Integrated. Packed with bridges between specialties and basic science. Learner-efficient. Organized in outline format with high-yield summary boxes. Trusted. Used by thousands of students each year to succeed on the USMLE Step 2.

How can analytics scholars and healthcare professionals access the most exciting and important healthcare topics and tools for the 21st century? Editors Tinglong Dai and Sridhar Tayur, aided by a team of internationally acclaimed experts, have curated this timely volume to help newcomers and seasoned researchers alike to rapidly comprehend a diverse set of thrusts and tools in this rapidly growing cross-disciplinary field. The Handbook covers a wide range of macro-, meso- and micro-level thrusts—such as market design, competing interests, global health, personalized medicine, residential care and concierge medicine, among others—and structures what has been a highly fragmented research area into a coherent scientific discipline. The handbook also provides an easy-to-comprehend introduction to five essential research tools—Markov decision process, game theory and information economics, queueing games, econometric methods, and data science—by illustrating their uses and applicability on examples from diverse healthcare settings, thus connecting tools with thrusts. The primary audience of the Handbook includes analytics scholars interested in healthcare and healthcare practitioners interested in analytics. This Handbook: Instills analytics scholars with a way of thinking that incorporates behavioral, incentive, and policy considerations in various healthcare settings. This change in perspective—a shift in gaze away from narrow, local and one-off operational improvement efforts that do not replicate, scale or remain sustainable—can lead to new knowledge and innovative solutions that healthcare has been seeking so desperately. Facilitates collaboration between healthcare experts and analytics scholar to frame and tackle their pressing concerns through appropriate modern mathematical tools designed for this very purpose. The handbook is designed to be accessible to the independent reader, and it may be used in a variety of settings, from a short lecture series on specific topics to a semester-long course.

Learn how to effectively manage both people and a practice as a health care administrator with Elsevier's Introduction to Health Services Administration. This comprehensive and easy-to-understand text includes an overview of health care delivery in the United States along with an exploration of each role and function of a health services administrator in an ambulatory care facility. From scheduling patients to managing the revenue cycle, you will learn about every

aspect of workflow in addition to relevant issues that heavily influence health care practices today, like HIPPA, regulatory compliance, civil and criminal law, and more. This text also provides a wonderful overview of necessary skills such as how to use an electronic health record system and practice management software, how to budget for staff and equipment, how to manage inventory, how to manage risk, how to improve quality and performance in the practice, and how to best market the practice. If you're looking to become a successful health services administrator, this text is the critical first step. UNIQUE! Comprehensive approach covers the role and functions of a health services administrator and applies them to an array of ambulatory care settings – from a traditional physician's office to a retail care clinic. UNIQUE! Coverage of key PAHCOM and AAPC competencies help you prepare for the competencies on the CMM and CPPM credentialing exams. UNIQUE! Case study scenarios are constructed around many different settings to provide a snapshot of professional life. UNIQUE! Takeaway boxes highlight key points and important concepts. Current Trends in Health Care boxes discuss methods, ideas, and newsworthy issues. Take Learning to the Next Level boxes clarify the subjects being discussed with supplemental information. Learning Checkpoints appear in each section to help you gauge your own learning successes at that point in the reading. Review questions are tied to each learning objective. More than 200 images illustrate difficult concepts and bring health services administration to life. Key terms with definitions in the margins make it easy to identify and learn new vocabulary. Answers to exercises in the text and review questions in the back of the book equip you for self-study.

"This book provides theoretical frameworks and the latest empirical research findings used by medical professionals in the implementation of multi-agent systems"--Provided by publisher.

USMLE Step 2 CK Lecture Notes 2020: Psychiatry, Epidemiology, Ethics, Patient Safety

The Strategic Management of Health Care Organizations

USMLE Step 2 CK Lecture Notes 2017: Psychiatry, Epidemiology, Ethics, Patient Sa

Lecture Notes: Psychiatry

Healthcare Service Management

Health Informatics: Digital Health Service Delivery – The Future is Now!

A complete introductory review of global health--updated to reflect the latest issues and challenges The first edition of Understanding Global Health set a new information standard for this rapidly emerging subject. Written by a remarkable group of authors and contributors, this comprehensive, engagingly written text offers unmatched coverage of every important topic--from infectious disease to economics to war. Created with the non-specialist in mind, Understanding Global Health explores the current burden of disease in the world, how health is determined, and the problems faced by populations and health care workers around the world. The second edition has been thoroughly updated to include the most current information and timely topics. New chapters cover such topics as human trafficking, malaria and neglected tropical diseases, surgical issues in global health, and mental health. Every chapter includes Learning Objectives, Summary, Study Questions, and References and, in many instances, practical case examples. Thorough coverage of every important subject, including: Epidemiology, Biostatistics, and Surveillance Nutrition Primary Care in

Global Health Tuberculosis and HIV/AIDS Education and Careers in Global Health Aging Populations and Chronic Illness Global Health Ethics

These proceedings gather contributions presented at the 1st International Conference on Applied Operational Research (ICAOR 2008) in Yerevan, Armenia, September 15-17, 2008, published in the series Lecture Notes in Management Science (LNMS). The conference covers all aspects of Operational Research and Management Science (OR/MS) with a particular emphasis on applications.

This is the first book to offer a comprehensive yet concise overview of the challenges and opportunities presented by the use of big data in healthcare. The respective chapters address a range of aspects: from health management to patient safety; from the human factor perspective to ethical and economic considerations, and many more. By providing a historical background on the use of big data, and critically analyzing current approaches together with issues and challenges related to their applications, the book not only sheds light on the problems entailed by big data, but also paves the way for possible solutions and future research directions. Accordingly, it offers an insightful reference guide for health information technology professionals, healthcare managers, healthcare practitioners, and patients alike, aiding them in their decision-making processes; and for students and researchers whose work involves data science-related research issues in healthcare.

These proceedings gather contributions presented at the 8th International Conference on Applied Operational Research (ICAOR 2016) in Rotterdam, The Netherlands, June 28-30, 2016, published in the series Lecture Notes in Management Science (LNMS). The conference covers all aspects of Operational Research and Management Science (OR/MS) with a particular emphasis on applications.

Background, Issues, Solutions and Research Directions

Supporting Real Time Decision-Making

USMLE Step 3 Lecture Notes 2021-2022

Foundations for Smarter Cities and Societies

Managing Health Services Organizations and Systems

Digitalization of Society, Economics and Management

This book provides a multidisciplinary view of smart infrastructure through a range of diverse introductory and advanced topics. The book features an array of subjects that include: smart cities and infrastructure, e-healthcare, emergency and disaster management, Internet of Vehicles, supply chain management, eGovernance, and high performance computing. The book is divided into five parts: Smart Transportation, Smart Healthcare, Miscellaneous Applications, Big Data and High Performance Computing, and Internet of Things (IoT). Contributions are from academics, researchers, and industry professionals around the world. Features a broad mix of topics related to smart infrastructure and smart applications, particularly high performance computing, big data, and artificial intelligence; Includes a strong emphasis on methodological aspects of infrastructure, technology and application development; Presents a substantial overview of research and development on key economic sectors including healthcare and transportation.

This book is organized in 2 volumes and 6 parts. Part I is Big Data Analytics, which is about new advances of analysis, statistics, coordination and data mining of big data; Part II is Information Systems Management, which is about the development of big data information system or cloud platform. Part III is Computing Methodology with Big Data, which is about the improvements of traditional computation technologies in the background of big data; Part IV is Uncertainty Decision Making, which is about the decision making methods with various uncertain information, such as fuzzy, random, rough, gray, unascertained. Part V is Intelligence Algorithm. Part VI is Data Security, which is a particularly important aspect in the modern management environment.

Healthcare Service Management A Data-Driven Systems Approach Springer

This book presents innovative solutions utilising informatics to deal with various issues related to the COVID-19 outbreak. The book offers a collection of contemporary research and development on the management of Covid-19 using health data analytics, information exchange, knowledge sharing, the Internet of Things (IoT), and the Internet of Everything (IoE)-based solutions. The book also analyses the implementation, assessment, adoption, and management of these healthcare informatics solutions to manage the pandemic and future epidemics. The book is relevant to researchers, professors, students, and professionals in informatics and related topics.

Operational Management in Emergency Healthcare

Advancing Big Data Analytics for Healthcare Service Delivery

Community-oriented Primary Care

Cumulative listing

8th International Conference, ICAOR 2016, Rotterdam, The Netherlands, June 28-30, 2016, Proceedings

Operations Research for Health Planning and Administration

Lecture Notes: Psychiatry provides a concise and accessible introduction to the fundamentals of Psychiatry, presenting the principles of Psychiatric examination followed by systematic coverage of the major psychiatric disorders, as well as covering management and treatment options. This eleventh edition has been revised to include recent developments in history-taking, psychotropic drugs and case presentations, as well as covering the practical elements of patient guidance and care. Key features include: • Clearly presented tables, figures and end-of-chapter 'Key point' summaries to aid revision • An emphasis on core management skills needed by Junior Doctors in both psychiatric and general hospital settings • Quick reference guides to help structure patient assessments on-the-go • MCQs and case studies in line with medical school and professional level psychiatry exams For those embarking on study or refreshing their knowledge of psychiatry, Lecture Notes: Psychiatry provides a step-by-step guide to both its wider and patient-centred practice.

The only official lecture notes provided by Kaplan Medical, USMLE Step 3 Lecture Notes 2021-2022: 2-Book Set offers case-based review with a variety of life-like cases. From the same team of instructors who wrote Kaplan Medical's USMLE Step 1 and Step 2 CK Lecture Notes. More than 250 in-depth cases covering every discipline you need on this section of the boards Organized in outline format for efficient study Covers the most commonly seen chief complaints Includes basic science correlates likely to be tested on the exam, patient management from Kaplan's experts, patient safety, and population health This collection of books assumes mastery of both Step 1 pre-clinical discipline-based and Step 2 CK

This book presents a systematic review of research concerning processes and systems in Emergency Departments (EDs), the issues faced by EDs, and their solutions to ensure the delivery of proper and ideal healthcare services for patients through superior quality process management. The book evaluates two decades of data, from 2000 to 2019, in order to examine the processes used in ED operations. Emergency Department has become evident particularly in the current scenario when the world is the grip of the deadly COVID-19. The two decades of data revealed a lack of literary content on bringing improvement for EDs in Malaysia and Saudi Arabia through the

deployment of simulation models. Simulation model in Malaysia and Saudi Arabia is being considered for the first time by this book.

Two large international conferences on Advances in Engineering Sciences were held in Hong Kong, March 13-15, 2013, under the International MultiConference of Engineers and Computer Scientists (IMECS 2013), and in London, U.K., 3-5 July, 2013, under the World Congress on Engineering 2013 (WCE 2013) respectively. IMECS 2013 and WCE 2013 were organize

National Library of Medicine Current Catalog

Telemedicine and E-Health Services, Policies, and Applications: Advancements and Developments

Applied Operational Research

Evidence-Based Health Care Management

Proceedings of the 1st International Conference on Applied Operational Research, ICAOR 2008, Yerevan, Armenia, September 15-17, 2008

Special Issue of the International MultiConference of Engineers and Computer Scientists 2013 and World Congress on Engineering 2013

Healthcare service systems are of profound importance in promoting the public health and wellness of people. This book introduces a data-driven complex systems modeling approach (D2CSM) to systematically understand and improve the essence of healthcare service systems. In particular, this data-driven approach provides new perspectives on health service performance by unveiling the causes for service disparity, such as spatio-temporal variations in wait times across different hospitals. The approach integrates four methods -- Structural Equation Modeling (SEM)-based analysis; integrated projection; service management strategy design and evaluation; and behavior-based autonomy-oriented modeling -- to address respective challenges encountered in performing data analytics and modeling studies on healthcare services. The thrust and uniqueness of this approach lies in the following aspects: Ability to explore underlying complex relationships between observed or latent impact factors and service performance. Ability to predict the changes and demonstrate the corresponding dynamics of service utilization and service performance. Ability to strategically manage service resources with the adaptation of unpredictable patient arrivals. Ability to figure out the working mechanisms that account for certain spatio-temporal patterns of service utilization and performance. To show the practical effectiveness of the proposed systematic approach, this book provides a series of pilot studies within the context of cardiac care in Ontario, Canada. The exemplified studies

have unveiled some novel findings, e.g., (1) service accessibility and education may relieve the pressure of population size on service utilization; (2) functionally coupled units may have a certain cross-unit wait-time relationship potentially because of a delay cascade phenomena; (3) strategically allocating time blocks in operating rooms (ORs) based on a feedback mechanism may benefit OR utilization; (4) patients' and hospitals' autonomous behavior, and their interactions via wait times may bear the responsible for the emergence of spatio-temporal patterns observed in the real-world cardiac care system. Furthermore, this book presents an intelligent healthcare decision support (iHDS) system, an integrated architecture for implementing the data-driven complex systems modeling approach to developing, analyzing, investigating, supporting and advising healthcare related decisions. In summary, this book provides a data-driven systematic approach for addressing practical decision-support problems confronted in healthcare service management. This approach will provide policy makers, researchers, and practitioners with a practically useful way for examining service utilization and service performance in various "what-if" scenarios, inspiring the design of effectiveness resource-allocation strategies, and deepening the understanding of the nature of complex healthcare service systems.

"This book offers a comprehensive and integrated approach to telemedicine by collecting E-health experiences and applications from around the world and by exploring new developments and trends in medical informatics"--

Managing Health Services Organizations and Systems has served the educational and professional needs of the healthcare field over four decades. The seventh edition furthers that legacy in a completely revised and reorganized text that presents a comprehensive range of the knowledge and skills needed to effectively lead and manage health services delivery. The first of three parts describes the environment in which health services are delivered. The second details tools and skills needed to manage and lead health services. The final part links the preceding chapters to Fayol's five management functions—planning, organizing, staffing, directing, and controlling—as they apply in health services. In this edition, the authors return to basics in a

concise yet substantive presentation within a context of quality and performance improvement. New to this edition are chapters on healthcare economics, financial management, planning, organizing, staffing, and directing. A new section on compliance is key to meeting regulatory demands. The sections on patient and staff safety, emergency preparedness, and project management are updated and revised.

This book offers examples of how data science, big data, analytics, and cloud technology can be used in healthcare to significantly improve a hospital's IT Energy Efficiency along with information on the best ways to improve energy efficiency for healthcare in a cost effective manner. The book builds on the work done in other sectors (mainly data centers) in effectively measuring and improving IT energy efficiency and includes case studies illustrating power and cooling requirements within Green Healthcare. Making Healthcare Green will appeal to professionals and researchers working in the areas of analytics and energy efficiency within the healthcare fields.

Multivariate Modeling Approaches

Introduction to Health Services Administration - E-Book

Smart Infrastructure and Applications

USMLE Step 2 CK Lecture Notes 2018: Psychiatry,

Epidemiology, Ethics, Patient Safety

Healthcare Informatics for Fighting COVID-19 and Future Epidemics

A Data-Driven Systems Approach

Here, discourse encompasses not only the multi-modal resources that people mobilize in organizational (inter)action, but also the practices and transformative dynamics afforded by those resources. The organizational changes highlighted in the book revolve around three dimensions of work that are increasingly coming to the fore: participation, boundary spanning and knowledgeing.

This volume of Annals of Information Systems will acknowledge the twentieth anniversary of the founding of the International Society for Decision Support Systems (ISDSS) by documenting some of the current best practices in teaching and research and envisioning the next twenty years in the decision support systems field. The volume is intended to complement existing DSS literature by offering an outlet for thoughts and research particularly suited to the theme of describing the next twenty years in the area of decision support. Several subthemes are planned for the volume. One subtheme draws on the assessments of internationally known DSS researchers to evaluate where the field has been and what has

been accomplished. A second subtheme of the volume will be describing the current best practices of DSS research and teaching efforts. A third subtheme will be an assessment by top DSS scholars on where the DSS discipline needs to focus in the future. The tone of this volume is one of enthusiasm for the potential contributions to come in the area of DSS; contributions that must incorporate an understanding of what has been accomplished in the past, build on the best practices of today, and be integrated into future decision making practices.

In recent years, there has been steady increase in the interest shown in both big data analytics and the use of information technology (IT) solutions to improve healthcare services. Despite the growing interest, there are limited materials, to addressing the needs and challenges posed by the activities and processes including the use of big data. From IT solutions' perspectives, this book aims to advance the deployment and use of big data analytics to increase patients' big data usefulness and improve healthcare service delivery. The book provides significant insights and useful guide on how to access and manage big data, in improving healthcare service delivery. The book contributes a fresh perspective, which primarily comes from the complementary use of analytics approach with actor-network theory (ANT), and other techniques, in advancing healthcare service delivery. Accessing and managing healthcare big data have always been a challenging exercise. Due to the sensitivity of the health sector, the focus on patients' big data is from either technical or social perspective. Thus, the book employs sociotechnical theories, ANT and structuration theory (ST) as lenses to examine and explain the factors that enable and constrain the use of patients' big data for health services. By doing so, the book brings a different dimension and advance health service delivery. Providing a timely and important contribution to this critical area, this book is a valuable, international resource for academics, postgraduate students and researchers in the areas of IT, big data analytics, data management and health informatics.

Kaplan Medical's USMLE Step 2 CK Lecture Notes 2018: Psychiatry, Epidemiology, Ethics, Patient Safety offers in-depth review with a focus on high-yield topics - a comprehensive approach that will help you deepen your understanding while focusing your efforts where they'll count the most. Used by thousands of medical students each year to succeed on USMLE Step 2, Kaplan's official lecture notes are packed with full-color images and clear review. The Best Review Organized in outline format with high-yield summary boxes for efficient study Bridges between specialties and basic science highlighted throughout Updated annually by Kaplan's all-star expert faculty Looking for more prep? Our USMLE Step 2 CK Lecture Notes 2018: 5-Book Set has this book, plus the rest of the 5-book series. Handbook of Research on Healthcare Administration and Management Proceedings of the Eleventh International Conference on Management Science and Engineering Management USMLE Step 2 CK Lecture Notes 2021: Psychiatry, Epidemiology, Ethics,

Patient Safety

Making Healthcare Green

Clinical Medicine

The Role of Context in Decision Support on the Move

Paediatrics Lecture Notes covers the core aspects of caring for children in clinical practice, offering concise yet detailed information on examination, emergency care, nutrition, immunisation, infant and adolescent health, and more.

Designed for medical students and junior doctors alike, this compact and easy-to-use textbook guides readers through each essential aspect of paediatric care, from normal and abnormal childhood development, to cardiology, gastroenterology and metabolic disorders. Throughout the text, key points, practice questions, treatment guides, learning logs and self-assessment tests help prepare readers for paediatric rotations and clinical examinations. Now in its tenth edition, this classic textbook features new and updated information that reflects changes in practice and recent advances in child and adolescent health. Providing a clear and accessible overview of paediatrics, this invaluable single-volume resource: Presents an overview of paediatrics, including expanded materials on genetics, differential diagnosis, investigation for common presentations, and treatment and management of various conditions Offers real-life advice and practical ways of gaining experience in paediatrics and career development Includes OSCE stations, examination review tips, extended matching questions and additional online learning resources Features an enhanced Symptom Sorter to quickly determine which conditions should feature in differential diagnoses Paediatrics Lecture Notes, Tenth Edition is a must-have guide for medical students and junior doctors in paediatric placements and preparing for clinical examinations.

A structured strategic management approach is what's needed to tackle the revolutionary change the health care system has been experiencing. Today, health care organizations have almost universally embraced the strategic perspective first developed in the business sector and now have developed strategic management processes that are uniquely their own. Health care leaders have found that strategic thinking, planning, and managing strategic momentum are essential for coping with the dynamics of the health care industry. Strategic Management has become the single clearest manifestation of effective leadership of health care organizations. The 7th

edition of this leading text has been revised and updated to include a greater focus on the global analysis of industry and competition; and analysis of the internal environment. It provides guidance on strategic planning, analysis of the health services environment (both internal and external) and lessons on implementation. It also looks at organizational capability, sustainability, CSR and the sources of organizational inertia and competency traps.

Featuring updated content throughout, this new edition of Clinical Medicine Lecture Notes is a concise guide to both history taking and examination, and to the essentials of clinical medicine on a system-by-system basis. The text is divided into two sections, with part one exploring communication and physical examination techniques, supported by the core knowledge required for assessing and diagnosing diseases in the main systems of the body. The second part of the text covers a range of common diseases, although accounts of rare conditions are also given. The level of information provided will equip junior clinicians with the necessary knowledge required to succeed in any clinical situation. A concise approach that contains all that medical students and junior doctors need to know, covering both the clinical approach and the essential background knowledge Summary and evidence-based medicine boxes to assist revision and learning Includes OSCE exam summaries Fully updated content throughout, with full colour illustrations and photographs Whether you need to develop your knowledge for clinical practice, or refresh that knowledge in the run up to examinations, Clinical Medicine Lecture Notes will help foster a systematic approach to the clinical situation for all medical students and junior doctors.

Evidence-Based Health Care Management introduces the principles and methods for drawing sound causal inferences in research on health services management. The emphasis is on the application of structural equation modeling techniques and other analytical methods to develop causal models in health care management. Topics include causality, theoretical model building, and model verification. Multivariate modeling approaches and their applications in health care management are illustrated. The primary goals of the book are to present advanced principles of health services management research and to familiarize students with the multivariate analytic methods and procedures now in use in scientific research on health care management. The hope is to help health care

managers become better equipped to use causal modeling techniques for problem solving and decision making. Evidence-based knowledge is derived from scientific replication and verification of facts. Used consistently and appropriately, it enables a health care manager to improve organizational performance. Causal inference in health care management is a highly feasible approach to establishing evidence-based knowledge that can help navigate an organization to high performance. This book introduces the principles and methods for drawing causal inferences in research on health services management.

AIDS Bibliography

Selected Papers from the 21st Australian National Health Informatics Conference (HIC 2013)

Discourses of Post-bureaucratic Organization

Lecture Notes in Management Science

The Hospital and Health Services Review

First multi-year cumulation covers six years: 1965-70.

The 6th edition of this established text is streamlined to a more manageable format, with the Appendices moved to the web-site and a significant shortening of the main text. There is a greater focus on the global analysis of industry and competition; and analysis of the internal environment. In consultation with feedback from their adopters, the authors have concentrated on the fundamentals of strategy analysis and the underlying sources of profit. This reflects waning interest among senior executives in the pursuit of short-term shareholder value. As ever students are provided with the guidance they need to strategic planning, analysis of the health services environment (internal and external) and lessons on implementation; with additional discussion of organizational capability, deeper treatment of sustainability and corporate social responsibility and more coverage of the sources of organizational inertia and competency traps. This edition is rich in new examples from real-world health care organizations. Chapters are brought to life by the 'Introductory Incidents', 'Learning Objectives', 'Perspectives', 'Strategy Capsules', useful chapter summaries; and questions for class discussion. All cases and examples have been updated or replaced. In this edition the teaching materials and web supplements have been greatly enhanced, with power-point slides, to give lecturers a unique resource.

The official Kaplan Lecture Notes for USMLE Step 2 CK cover the comprehensive information you need to ace the USMLE Step 2 and match into the residency of your choice. Up-to-date. Updated annually by Kaplan's all-star faculty. Highly illustrated. Includes color images and tables. Integrated. Packed with bridges between specialities and basic science. Learner-efficient. Organized in outline format with high-yield summary boxes. Trusted. Used by thousands of students each year to succeed on the USMLE Step 2. Operations research aims to assist managers faced with problems of coordinating activities; improving the quality of care of services delivered; making optimal resource allocation decisions and generally, managing services and institutions. Operations research (or O.R.) was originally developed in response to the problems of the second World War. It was characterised then by a unifying and clear objective; clear problems that had to be solved and the use of inter-disciplinary teams to analyse and solve identified problems. This

analysis often drew on mathematical techniques. After the war, operations research moved in two separate but related directions. In England, the emphasis on inter-disciplinary approaches and problem solving teams remained. The operations researcher still used mathematical techniques but these were not systematised into a volume of standard formulae. The emphasis of operations research was on the approach not the tools used (see, for example, Luckman & Stringer, 1974; also Luck, Luckman, Smith & Stringer 1971; and McLachlan, 1975). In the United States, the emphasis was placed on the use of mathematical techniques. Operations research became a mathematically based science relying on standardised models (e. g. queuing, allocation) and formulae. This approach was facilitated by the availability of computers.

From Principle to Practice

Media Resource Catalog from the National Audiovisual Center

Theoretical Minimum for Conducting 21st Century Research on Healthcare Operations

A Digital Strategy Based on Post-pandemic Developments

Understanding Global Health, 2E

Big Data, Big Challenges: A Healthcare Perspective

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.

Healthcare systems around the world are going through immense changes as innovative approaches to healthcare delivery are adopted to reduce cost and improve quality of care. Health informatics professionals are increasingly required to support these changes, and innovation, learning from experience and sharing ideas are essential to delivering the promises of e-health. This book presents the proceedings of the 21st Australian National Health Informatics Conference (HIC 2013), held in Adelaide, Australia in July 2013. The theme of HIC 2013 is ‘ Digital Health Service Delivery – the Future is Now! ’ , emphasising the urgency of the need to embrace and advance the field of health informatics. The 28 papers in this volume examine and discuss directions, successes and other factors which need to be considered by all those involved in developing or implementing new health informatics systems. They present a wide diversity of work ranging from deeply theoretical to intensely practical, and represent experiences not only from Australasia, but also from many other parts of the world. Topics covered include: the design of viable and sustainable telehealth services, building an educated health informatics workforce, how to prepare health professionals for e-health as a life long learning process, improving the cancer patient journey, designing a diabetes mobile application with social network support, as well as many others. This book will be of interest to all those involved in the current and future provision of healthcare services.

Applications for System Improvement

Paediatrics Lecture Notes

IAENG Transactions on Engineering Sciences

Multi-Agent Systems for Healthcare Simulation and Modeling: Applications for
System Improvement
Strategic Management of Health Care Organizations
Handbook of Healthcare Analytics