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Health Information Systems and the Advancement of Medical Practice in Developing Countries

Kgomotso H. Moahi (University of Botswana, Botswana), Kelvin Joseph Bwalya (University of Johannesburg, South Africa) and Peter Mazebe II Sebina (University of Botswana, Botswana)

Health Information Systems and the Advancement of Medical Practice in Developing Countries is a comprehensive reference source for the latest scholarly research on technology utilization for delivering reliable and accurate health information to patients and clinical staff. Highlighting pivotal perspectives on topics such as mobile health, telemedicine, and healthcare access, this book is ideally designed for professionals, practitioners, researchers, academics, and graduate students interested in the benefits and challenges of technology applications in healthcare systems.

EISBN: 978-1-5225-2263-8
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Biomedical Image Analysis and Mining Techniques for Improved Health Outcomes

Wahiba Ben Abdessalem Karâa (Taif University, Saudi Arabia & RIADI-GDL Laboratory, ENSI, Tunisia) and Nilanjan Dey (Department of Information Technology, Techno India College of Technology, Kolkata, India)

Biomedical Image Analysis and Mining Techniques for Improved Health Outcomes addresses major techniques regarding image processing as a tool for disease identification and diagnosis, as well as treatment recommendation. Highlighting current research intended to advance the medical field, this publication is essential for use by researchers, advanced-level students, academicians, medical professionals, and technology developers. An essential addition to the reference material available in the field of medicine, this timely publication covers a range of applied research on data mining, image processing, computational simulation, data visualization, and image retrieval.

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Mostly computer and information scientists address advanced techniques for biomedical image processing, information retrieval in biomedical images, and prediction and simulation in biomedical image mining. Among the topics are applying genetic algorithms in de-noising magnetic resonance images clouded with Rician noise, compressed sensing and its application in computed tomography and electro encephalography, mining medical trends using social networks, computational intelligence-based cell nuclei segmentation from pap smear images, and predicting and detecting epileptic seizure.

– ProtoView Reviews

Handbook of Research on Computational Intelligence Applications in Bioinformatics

Sujata Dash (North Orissa University, India) and Bidyadhar Subudhi (National Institute of Technology, India)

The Handbook of Research on Computational Intelligence Applications in Bioinformatics examines emergent research in handling real-world problems through the application of various computation technologies and techniques. Featuring theoretical concepts and best practices in the areas of computational intelligence, artificial intelligence, big data, and bio-inspired computing, this publication is a critical reference source for graduate students, professionals, academics, and researchers.

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Handbook of Research on Healthcare Administration and Management

Nilmini Wickramasinghe
(Epworth HealthCare, Australia & Deakin University, Australia)

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 Informatics and Analytics: Emerging Issues and Trends

Moadid Tavana (La Salle University, USA), Amir Hossein Ghapanchi (Griffith University, Australia) and Amir Talaei-Khoei (University of Technology, Sydney, Australia)

Introduces the latest research concerning the innovative implementation of information technology and data analysis in the healthcare field. Highlighting current concerns and recent advances in patient care and healthcare delivery, this book is a comprehensive reference source for academics, researchers, medical students, and healthcare practitioners interested in the application of information science within the health sector.

Laboratory Management Information Systems: Current Requirements and Future Perspectives

Anastasius Mountzogliou (Hellenic Society for Quality and Safety in Healthcare, Greece & P. & A. Kyriakou Children's Hospital, Greece), et al.

Responds to the issue of administering appropriate regulations in a medical laboratory environment in the era of telemedicine, electronic health records, and other e-health services. Exploring concepts such as the implementation of ISO 15189:2012 policies and the effects of e-health application, this book is an integral reference source for researchers, academicians, students of health care programs, health professionals, and laboratory personnel.

Big Data Analytics in Bioinformatics and Healthcare

Baoying Wang (Waynesburg University, USA), et al.

Merges the fields of biology, technology, and medicine in order to present a comprehensive study on the emerging information processing applications necessary in the field of electronic medical record management. Complete with interdisciplinary research resources, this publication is an essential reference source for researchers, practitioners, and students interested in the fields of biological computation, database management, and health information technology, with a special focus on the methodologies and tools to manage massive and complex electronic information.

E-Health and Telemedicine: Concepts, Methodologies, Tools, and Applications (3 Vols.)

Information Resources Management Association (USA)

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.

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Ashish Dwivedi (University of Hull, UK)

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Jane D. Moon (The University of Melbourne, Australia) and Mary P. Galea (The University of Melbourne, Australia)

Improving Health Management through Clinical Decision Support Systems brings together a series of chapters focused on the technology, funding, and future plans for improved organization and decision-making through medical informatics. Featuring timely, research-based chapters on topics including, but not limited to, data management, information security, and the benefits of technology-based medicine, this publication is an essential reference source for clinicians, scientists, health economists, policymakers, academicians, researchers, advanced level students, and government officials interested in health information technology.

Maximizing Healthcare Delivery and Management through Technology Integration

Tiko Iyamu (Cape Peninsula University of Technology, South Africa) and Arthur Tatnall (Victoria University, Australia)

Maximizing Healthcare Delivery and Management through Technology Integration is an authoritative reference source for the latest scholarly research on the integration of ICT within the health services sector. Featuring comprehensive coverage on a range of topics from technical and non-technical perspectives, this book is an essential reference source for IT specialists, professionals, managers, and students seeking current research on the growing relationship between technology and healthcare.

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Editors Moon and Galea present students, academics, researchers, and professionals working in a wide variety of contexts with a collection of academic papers and scholarly articles focused on the improvement of health management through the implementation of a variety of clinical support systems. The fifteen contributions that make up the main body of the text are devoted to an online spatial HIV/AIDS surveillance and monitoring system for Nigeria, the integration of automation and clinical decision support systems, clinical costing for clinical improvement, and a wide variety of other related subjects.

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Comparative Approaches to Biotechnology Development and Use in Developed and Emerging Nations

Tomas Gabriel Bas (University of Talca, Chile) and Jingyuan Zhao (University of Toronto, Canada)

Evaluates the importance of manufacturing biotechnological products around the world. Highlighting a comparative analysis of public policies, technological policies, innovations, and marketing capabilities of developed and emerging nations, this publication is a pivotal reference source for government officials, policy makers, academics, and practitioners.

Health Literacy: Breakthroughs in Research and Practice

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Jayita Poduval ( Pondicherry Institute of Medical Sciences, India)

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Victor C.X. Wang (Florida Atlantic University, USA)

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Innovative Collaborative Practice and Reflection in Patient Education

Jennifer Lynne Bird (Florida Atlantic University, USA)

Presents multigenre writing, incorporating authors’ personal and professional stories along with academic theories. It combines the fields of education and medicine, presenting innovative approaches to health education and designing new approaches to healing.

Transformative Curriculum Design in Health Sciences Education

Colleen Halupa (A.T. Still University, USA & LeTourneau University, USA)

Provides information for faculty to learn how to translate technical competencies in medicine and healthcare into the development of both traditional and online learning environments.

Advancing Medical Education Through Strategic Instructional Design

Jill Stefaniak (Old Dominion University, USA)

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Exploring the Nutrition and Health Benefits of Functional Foods
Hossain Uddin Shekhar (University of Dhaka, Bangladesh), Zakir Hossain Howlader (University of Dhaka, Bangladesh) and Yearul Kabir (University of Dhaka, Bangladesh)

Provides a comprehensive overview of how dietary nutrition can impact people’s lives, prevent disease, and maintain an overall healthier lifestyle. Highlighting theoretical and practical attributes of different functional foods and how they are utilized globally, this book is an essential reference for researchers, academics, students, policy makers, government officials, and technology developers.

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A comprehensive reference source for the latest academic material on the exploration of cardiovascular diseases and provides an interdisciplinary examination of novel developments and applications for cardiovascular sciences. Highlighting a range of diverse topics, such as pharmacology, pathophysiology, and alternative medicine, this book is ideally designed for researchers, professionals, practitioners, graduate students, and academics interested in the latest medical advancements.

Improving the Quality of Life for Dementia Patients through Progressive Detection, Treatment, and Care
Jinglong Wu (Okayama University, Japan)

Provides a thorough overview of emerging research on various neuroscience methods for the early diagnosis of dementia and focuses on the improvement of healthcare delivery to patients. Highlighting relevant issues on health information systems, behavioral indicators, and treatment methods, this book is a pivotal reference source for health professionals, neuroscientists, upper-level students, practitioners, and researchers interested in the latest developments within the field of dementia treatment.

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An authoritative reference source for the latest scholarly research on the various collaborative efforts to improve the current state of health systems and patient education. Highlighting research methodologies aimed to enrich the quality of available information in healthcare environments, this book is ideally designed for medical professionals, educators, and researchers.

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Guendalina Graffigna (Catholic University of the Sacred Heart, Italy)

Outlines the best practices and global strategies to improve patient engagement. This book features a convergence of healthcare professionals and scholars elucidating the theoretical insights borne from successful patient education, and the technological tools available to sustain their engagement. This book is a useful reference source for healthcare providers, students and professionals in the fields of nursing, therapy, and public health, managers, and policy makers.

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Sailas Benjamin (University of Calicut, India)

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**Handbook of Research on Computerized Occlusal Analysis Technology Applications in Dental Medicine (2 Vols.)**

Robert B. Kerstein, DMD (Former clinical professor at Tufts University School of Dental Medicine, USA & Private Dental Practice Limited to Prosthodontics and Computerized Occlusal Analysis, USA)

- Explores the use of digital tools in dentistry, including their evolution as well as evidence-based research on the benefits of technological tools versus non-digital occlusal indicators.
- Comprised of current research on clinical applications and technologies, this publication is ideal for use by clinicians, educators, and upper-level students in dentistry.

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- A comprehensive resource analyzing the integration of software engineering for the purpose of drug discovery, clinical trials, genomics, and drug safety testing.
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Gualtamina Graffigna (Catholic University of the Sacred Heart of Milan, Italy)

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Dimitrios I. Fotiadis (University of Ioannina, Greece)

- Features current research on the diagnosis, monitoring, management, and treatment of recurring diseases such as diabetes, Parkinson’s disease, autoimmune disorders, and others.
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Effective Methods for Modern Healthcare Service Quality and Evaluation
Panagiotis Manolitzas (Technical University of Crete, Greece), Evangelos Grigoroudis (Technical University of Crete, Greece), Nikolaos Matsatsinis (Technical University of Crete, Greece) and Denis Yannacopoulos (Piraeus University of Applied Sciences, Greece)

Effective Methods for Modern Healthcare Service Quality and Evaluation is an authoritative reference source for the latest research on emerging tools and methodologies for the design of healthcare models, providing expert analyses on trouble-shooting specific problems in the industry and creating optimal hospital environments. Highlighting various perspectives across a range of relevant health services, this book is ideally designed for policy makers, researchers, upper-level students, and practitioners.

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José Machado (University of Minho, Portugal) and António Abelha (University of Minho, Portugal)

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Butta Singh (Guru Nanak Dev University, India)
Investigates high-performance computing techniques being utilized in hospital information systems. Featuring comprehensive coverage on various theoretical perspectives, best practices, and emergent research in the field, this book is ideally suited for computer scientists, information technologists, biomedical engineers, data-processing specialists, and medical physicists interested in signal processing within medical systems and facilities.

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Internet of Things and Advanced Application in Healthcare
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Cloud Computing Systems and Applications in Healthcare
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Integrating Biologically-Inspired Nanotechnology into Medical Practice
B.K. Nayak (K.M. Centre for Post Graduate Studies, India), Anima Nanda (Sathyabama University, India) and M. Amin Bhat (Sathyabama University, India)
Presents the latest research on nanobiotechnology and its application as a real-world healthcare solution. Emphasizing applications of micro-scale technologies in the areas of oncology, food science, and pharmacology, this reference publication is an essential resource for medical professionals, researchers, chemists, and graduate-level students in the medical and pharmaceutical sciences.
Design, Development, and Integration of Reliable Electronic Healthcare Platforms

Anastasius Moumtzoglou (P&A Kyriakou Children's Hospital, Greece)

Design, Development, and Integration of Reliable Electronic Healthcare Platforms is an authoritative reference work on the issues relating to the quality and safety of technology use in the medical realm. Featuring coverage on best practices, detailed analysis, and upcoming trends, this publication is essential for researchers, students and professionals seeking current research on the implementation of electronic technologies in healthcare.

EISBN: 978-1-5225-1725-2
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Pricing
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E-Book: US $205
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Advancing Medicine through Nanotechnology and Nanomechanics Applications

Keka Talukdar (Nadiha High School, India), Mayank Bhushan (Pondicherry University, India) and Anil Shantappa Malipatil (Guru Nanak Dev Engineering College – Bidar, India)

Advancing Medicine through Nanotechnology and Nanomechanics Applications highlights emergent trends and empirical research on technological innovations in medicine and healthcare. Investigating the impact of nanotechnology and nanomechanics on the treatment of diseases, regenerative medicine, and drug delivery systems, this publication is a vital reference source for professionals, researchers, medical students, and engineering students.

EISBN: 978-1-5225-1044-4
© 2017; 359 pp.

Pricing
Hardcover: US $195
E-Book: US $195
Hardcover + E-Book: US $235

Editors Talukdar, Bhushan, and Malipatil present readers with a collection of academic and research perspectives on contemporary and emerging developments in the medical use of nanotechnology. The eleven contributions that make up the main body of the text are devoted to a performance analysis of FET-based nanosensors by computational method, mineralized nanofibers for bone tissue engineering, recent advances in the synthesis and biomedical applications of magnetic nanoparticles, and many other related subjects.

– Protoview Reviews

Medical Imaging: Concepts, Methodologies, Tools, and Applications (4 Vols.)

Information Resources Management Association (USA)

Medical Imaging: Concepts, Methodologies, Tools, and Applications presents a compendium of research on digital imaging technologies in a variety of healthcare settings. This multi-volume work contains practical examples of implementation, emerging trends, case studies, and technological innovations essential for using imaging technologies for making medical decisions. This comprehensive publication is an essential resource for medical practitioners, digital imaging technologists, researchers, and medical students.

EISBN: 978-1-5225-0572-3
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Pricing
Hardcover: US $2,150
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offer exciting possibilities for primary prevention. attention to clinical and self-care guidelines, and reinforcement, these games promote stronger of gamification to engage patients with positive the practical, clinical level. Utilizing principles fosters the increasing application of games at current studies and empirical evidence, principles of gamification, and Oslo, Norway) (Norwegian Center for Addiction Research, University Polytechnic Institute, USA) and Håvar Brendryen Prague, Czech Republic), Bengisu Tulu (Worcester Daniel Novák (Czech Technical University in Healthcare Settings

Vivek Tiwari ( Maulana Azad National Institute of Technology, India), Basant Tiwari (Devi Ahilya University, India), Ramjeevan Singh Thakur (Maulana Azad National Institute of Technology, India) and Shailendra Gupta (AISECT University, India)

Investigates the approaches to shift computing from analysis on-demand to knowledge on-demand. By providing innovative tactics to apply data and pattern analysis, these practices are optimized into pragmatic sources of knowledge for healthcare professionals. This publication is an exhaustive source for policy makers, developers, business professionals, healthcare providers, and graduate students concerned with data retrieval and analysis.

Emerging Research in the Analysis and Modeling of Gene Regulatory Networks

Ivan V. Ivanov (Texas A&M University, USA), Xiaoning Qian (Texas A&M University, USA) and Ranadip Pal (Texas Tech University, USA)

Presents a compilation of recent and emerging research topics addressing the design and use of technology in the study and simulation of genomic regulation. Exploring both theoretical and practical topics, this publication is an essential reference source for students, professionals, and researchers working in the fields of genomics, molecular biology, bioinformatics, and drug development.

Pattern and Data Analysis in Healthcare Settings

Handbook of Research on Holistic Perspectives in Gamification for Clinical Practice

Daniel Novák (Czech Technical University in Prague, Czech Republic), Bengisu Tulu (Worcester Polytechnic Institute, USA) and Håvar Brendryen (Norwegian Center for Addiction Research, University of Oslo, Norway)

Reviews current studies and empirical evidence, highlights critical principles of gamification, and fosters the increasing application of games at the practical, clinical level. Utilizing principles of gamification to engage patients with positive reinforcement, these games promote stronger attention to clinical and self-care guidelines, and offer exciting possibilities for primary prevention.

M-Health Innovations for Patient-Centered Care

Anastasius Moumtzoglou (P&A Kyniakou Children’s Hospital, Greece)

A pivotal reference source for the latest scholarly research on the incorporation of mobile telecommunication devices in the health field and how this technology has increased overall quality of care. Highlighting various types of available technologies, necessary support infrastructures, and alterations in business models, this publication is ideally designed for medical professionals, upper-level students, and e-health system designers interested in the effects of mobile technology on healthcare delivery.

Classification and Clustering in Biomedical Signal Processing

Nilanjan Dey (Techno India College of Technology, India) and Amira Ashour (Tanta University, Egypt)

Focuses on existing and proposed methods for medical imaging, signal processing, and analysis for the purposes of diagnosing and monitoring patient conditions. Featuring the most recent empirical research findings in the areas of signal processing for biomedical applications with an emphasis on classification and clustering techniques, this essential publication is designed for use by medical professionals, IT developers, and advanced-level graduate students.

Virtual Reality Enhanced Robotic Systems for Disability Rehabilitation

Fei Hu (University of Alabama, USA), Jiang Lu (University of Houston - Clear Lake, USA) and Ting Zhang (University of Alabama, USA)

An authoritative reference source for the latest scholarly research on the use of computer-assisted rehabilitation methods for disabled patients. Highlighting the application of robots, sensors, and virtual environments, this book is ideally designed for graduate students, engineers, technicians, and company administrators interested in the incorporation of auto-training methods in patient recovery.
Encyclopedia of E-Health and Telemedicine (2 Vols.)
Maria Manuela Cruz-Cunha (Polytechnic Institute of Cávado and Ave, Portugal & Algoritmi Research Centre, Portugal), et al.

An authoritative reference source featuring emerging technological developments and solutions within the field of medicine. Emphasizing critical research-based articles on digital trends, including big data, mobile applications, electronic records management, and data privacy, and how these trends are being applied within the healthcare sector, this encyclopedia is a critical addition to academic and medical libraries and meets the research needs of healthcare professionals, researchers, and medical students.

Optimizing Assistive Technologies for Aging Populations
Yosry S. Morsi (Swinburne University of Technology, Australia), Anupam Shukla (ABV - Indian Institute of Information Technology and Management Gwalior, India) and Chandra Prakash Rathore (Oracle India Private Limited, India)

Focuses on the development and improvement of devices intended to assist elderly individuals in coping with various physical limitations and disabilities. Highlighting the available tools and technologies for supporting the mobility, agility, and self-sufficiency of the aging population as well as the challenges associated with the integration of these technologies into the everyday lives of elderly individuals, this publication is ideally designed for reference use by healthcare workers, medical students, gerontologists, and IT developers in the field of medicine.

Recent Advances in Assistive Technologies to Support Children with Developmental Disorders
Nava R. Silton (Marymount Manhattan College, USA)

Raises awareness of disabled children and what can be done to help them grow and develop alongside their peers. Bringing together personal experiences with academic investigation, this book is an essential reference for doctors, pediatricians, pre- and primary school educators, and scientists working to enhance the impact assistive technologies have on the youngest members of society.

Advanced Technological Solutions for E-Health and Dementia Patient Monitoring
Fatos Xhafa (Universitat Politècnica de Catalunya, Spain), Philip Moore (School of Information Science and Engineering, Lanzhou University, China) and George Tadros (University of Warwick, UK)

Provides comprehensive coverage of issues in patient health and support from the perspectives of doctors, nurses, patients, and caregivers. With its focus on challenges and opportunities, as well as future research in the field, this book is a vital reference for researchers, scholars, advanced students, software developers, managers, and stakeholders working at the forefront of e-health systems.

Assistive Technologies for Physical and Cognitive Disabilities
Lau Bee Theng (Swinburne University of Technology, Malaysia)

Combines worldwide cases on people with physical and cognitive disabilities with the latest applications in assistive technologies. This reference work brings different researchers together under one title to discuss current findings, developments, and ongoing research in the area of rehabilitative technology. This reference book is of critical use to professionals, researchers, healthcare practitioners, caretakers, academicians, and students.

Fuzzy Expert Systems for Disease Diagnosis
A.V. Senthil Kumar (Hindusthan College of Arts and Science, India)

Highlights the latest research and developments in fuzzy rule-based methods used in the detection of medical complications and illness. Offering emerging solutions and practical applications, this timely publication is designed for use by researchers, academicians, and students, as well as practitioners in the medical field.
Impact of Medical Errors and Malpractice on Health Economics, Quality, and Patient Safety

Marina Riga (Health Economist-Researcher, Greece)

Impact of Medical Errors and Malpractice on Health Economics, Quality, and Patient Safety is an essential reference source for the latest research on the detection and analysis of the various implications of medical errors and addresses the hidden malpractices that exist in healthcare systems globally. Featuring extensive coverage on a broad range of topics such as clinical pathways, decision-making techniques, and health information technology, this book is ideally designed for practitioners, professionals, and researchers seeking current research on various issues in healthcare provision.

Organizational Culture and Ethics in Modern Medicine

Anna Rosiek (Nicolaus Copernicus University in Toruń, Collegium Medicum in Bydgoszcz, Poland) and Krzysztof Leksowski (Nicolaus Copernicus University in Toruń, Collegium Medicum in Bydgoszcz, Poland)

Organizational Culture and Ethics in Modern Medicine examines the current state of the healthcare industry and promotes methods that achieve effective organizational practice for the improvement of medical services in the public and private sphere. Focusing on patient communication, technology integration, healthcare personnel management, and the delivery of quality care, this book is a pivotal reference source for medical professionals, healthcare managers, hospital administrators, public health workers, and researchers interested in improving patient and employee satisfaction within healthcare institutions.

Editors Anna Rosiek and Krzysztof Leksowski present readers with a comprehensive examination of ethics and contemporary culture in medical organizations. The selections from leading experts in the field that make up the chapters of the book cover the ethical aspects of talking to a patient, the idea of human rights in conditions of hospital treatment, confrontation of human rights in daily clinical situations, and a wide variety of other related subjects.

Healthcare Ethics and Training: Concepts, Methodologies, Tools, and Applications (3 Vols.)

Information Resources Management Association (USA)

Healthcare Ethics and Training: Concepts, Methodologies, Tools, and Applications is a comprehensive source of academic research material on methods and techniques for implementing ethical standards and effective education initiatives in clinical settings. Highlighting pivotal perspectives on topics such as e-health, organizational behavior, and patient rights, this multi-volume work is ideally designed for practitioners, upper-level students, professionals, researchers, and academics interested in the latest developments within the healthcare industry.
Recent Advances in Drug Delivery Technology
Raj K. Keservani (Rajiv Gandhi Proudyogiki Vishwavidyalaya, India), et al.
A pivotal reference source for the latest scholarly research on the application of pharmaceutical technology to optimize techniques for drug delivery in patients. Focusing on novel approaches in pharmaceutical science, this book is ideally designed for medical practitioners, upper-level students, scientists, and researchers.

Applied Case Studies and Solutions in Molecular Docking-Based Drug Design
Siavoush Dastmalchi (Tabriz University of Medical Sciences, Iran), Maryam Hamzeh-Mivehroud (Tabriz University of Medical Sciences, Iran), and Babak Sokouti (Tabriz University of Medical Sciences, Iran)
A pivotal reference source for the latest scholarly research on the progress of pharmaceutical design and computational approaches in the field of molecular docking.

Methods and Algorithms for Molecular Docking-Based Drug Design and Discovery
Siavoush Dastmalchi (Tabriz University of Medical Sciences, Iran), et al.
Presents emerging research on the application of computer-assisted design methods for drugs, emphasizing the benefits and improvements that molecular docking has caused within the pharmaceutical industry.

Novel Approaches for Drug Delivery
Raj K. Keservani (Rajiv Gandhi Proudyogiki Vishwavidyalaya, India), Anil K. Sharma (Delhi Institute of Pharmaceutical Sciences and Research, India) and Rajesh Kumar Kesharwani (National Institute of Technology, Warangal, India)
An authoritative reference source for the latest scholarly research on emerging developments within the pharmaceutical industry, examining the current state and future directions of drug delivery systems. Highlighting therapeutic applications, predictive toxicology, and risk assessment perspectives, this book is ideally designed for medical practitioners, pharmacists, graduate-level students, scientists, and researchers.

Quantitative Structure-Activity Relationships in Drug Design, Predictive Toxicology, and Risk Assessment
Kunal Roy (Jadavpur University, India)
Discusses recent advancements in the field of QSARs with special reference to their application in drug development, predictive toxicology, and chemical risk analysis. Focusing on emerging research in the field, this book is an ideal reference source for industry professionals, students, and academicians in the fields of medicinal chemistry and toxicology.

Pharmaceutical Sciences: Breakthroughs in Research and Practice (2 Vols.)
Information Resources Management Association (USA)
Pharmaceutical Sciences: Breakthroughs in Research and Practice provides comprehensive coverage of the latest innovations and advancements for pharmaceutical applications. Focusing on emerging drug development techniques and drug delivery for improved health outcomes, this book is ideally designed for medical professionals, pharmacists, researchers, academics, and upper-level students within the growing pharmaceutical industry.
Workforce Development Theory and Practice in the Mental Health Sector

Mark Smith (Te Pou o te Whakaaro Nui: National Workforce Center for Adult Mental Health, Addiction and Disability, New Zealand) and Angela F. Jury (Te Pou o te Whakaaro Nui: National Workforce Center for Adult Mental Health, Addiction and Disability, New Zealand)

Workforce Development Theory and Practice in the Mental Health Sector is an essential reference source on the understanding of workforce capacity and capability and examines specific benefits and applications in addiction and mental health services. Featuring extensive coverage on a range of topics including public service provision, staff motivation, and clinical competency, this book is ideally designed for policy makers, academicians, researchers, and students seeking current research on the challenges facing countries in the areas of planning and development in the workforce.

Handbook of Research on Diagnosing, Treating, and Managing Intellectual Disabilities

Rejani Thudalikunnil Gopalan (Gujarat Forensic Sciences University, India)

A pivotal reference source for the latest research on the effects of disabilities in intellectual functioning, examining the causes, treatment, and rehabilitation of such limitations in adaptive behavior. Highlighting empirical findings on the management of these disabilities throughout various stages of life, this publication is ideally designed for clinicians, researchers, special educators, social workers, and students actively involved in the mental health profession.

Psychosocial Studies of the Individual’s Changing Perspectives in Alzheimer’s Disease

Cordula Dick-Muehike (University of California, Irvine, USA), Ruobing Li (University of California, Irvine, USA) and Myron Orleans (California State University, Fullerton, USA)

Describes programs and strategies that professional and family caregivers can implement to engage and improve the quality of life of persons suffering from cognitive impairment. Including real-world cases by international experts and a personal approach to the subject, this book is an important resource for caregivers, researchers, and families living with dementia.

Chronic Mental Illness and the Changing Scope of Intervention Strategies, Diagnosis, and Treatment

Barre Vijaya Prasad (Dhanwad Institute of Mental Health and Neurosciences, India)

Chronic Mental Illness and the Changing Scope of Intervention Strategies, Diagnosis, and Treatment examines emergent research on the identification and epidemiology of various mental illnesses. Featuring information on the prevalence of the disease, psychopharmacological advancements, and strategies for the management of chronic mental illnesses, this book is ideally suited for students, psychiatrists, psychologists, neurologists, social workers, rehabilitation therapists, and other health professionals interested in learning more about shifting practices in the mental health sector.
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Mehdi Khosrow-Pour, D.B.A. (Information Resources Management Association, USA)
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