Introduction to Nursing Informatics

This book is the ideal student guide to the history of healthcare informatics, current issues, basic informatics concepts, and health information management applications.

Nursing and Clinical Informatics: Socio-Technical Approaches

Book Only This useful handbook introduces nurses and other health care professionals to the most current application of computer-related technology in the health care environment. Included are the various forms of electronic communication and ways to use it more effectively. New coverage of web-based technology, search tools, and evaluation criteria for online material are presented along with regulatory and accreditation requirements, such as HIPAA. Completely updated, the fourth edition offers a clearly written overview of informatics, as well as practical applications of computer-based education for day-to-day use.

Application of Nursing Informatics

Applied Interdisciplinary Theory in Health Informatics Designed to provide a foundation for nursing informatics knowledge and skills required in today's data-driven healthcare environment, this text examines the impact and implementation of technology in nursing practice. Patient healthcare needs have only become more complex in a rapidly aging and diversifying population. Nurse Informaticists, as experts in improving healthcare delivery through data and technology, play a key role in ensuring quality and safety to patients. This text relies on nurses' practical experience to foster higher-level critical thinking and decision-making for professional development in informatics and life-long learning. A application of Informatics and Technology in Nursing Practice addresses the foundations of Nursing Informatics competencies, streamlined for the unique experience of practicing nurses. Organized around the framework of AACN Essentials of Baccalaureate Education, ANA Scope and Standards of Practice for Nursing Informatics, Institute of Medicine (IOM) Competencies, and Quality and Safety Education for Nurses (QSEN) knowledge, skills, and attitudes (KSA's), this text features numerous case scenarios of real-life applications to engage the reader and
reinforce content. Chapters cover informatics competencies, knowledge, and skills in a concise manner that recognizes the value of prior nursing experience and builds upon the reader’s existing knowledge-base. Key Features Provides information needed for all nurses in order to advance professionally in the new discipline and specialty of Nursing Informatics. Each chapter contains relevant critical thinking exercises, vignettes, and case studies Provides information and skills needed by nurses specific to a variety of healthcare settings Each chapter contains end-of-Chapter Learning Assessments: What Do You Know Now? Instructor Ancillary Package is included

Nursing and Computers Informatics and Nursing: Opportunities and Challenges provides students with the core knowledge to understand technology while using informatics to discover and manipulate information. With this text, students are able to access, manage, and present clinical data. The Sixth Edition is designed to capture cutting-edge advancement in nursing Informatics core competencies and to teach students how informatics should be integrated into practice while continuing to emphasize important areas such as computing software and consumer informatics. This text enhances students' communication skills with the use of technology, computer fluency, and information literacy skills, which will translate into shaping nursing practice by improving patient outcomes and contributing to the scholarship of nursing. Student friendly features such as learning objectives, key terms, QSEN mapping, Application and Competencies activities as well as the four-color design to foster engagement with the text. For instructors, a full ancillary package which includes a revamped test generator, presentation materials, case studies, competency maps help facilitate course development.

Fast Facts in Health Informatics for Nurses Nursing and Informatics for the 21st Century is the follow-up to the highly successful, award-winning first edition. Published in 2006, the first edition was a critical resource in chronicling the huge historical shift in nursing linked to the explosion of EHR national strategies and health policies around the globe. This updated edition, co-published by AMIA, examines the revolution that has occurred in nursing and explores the role IT is playing in this transformation, with a thoughtful examination of nursing practice, science and research, and education across the globe. With nearly 50 case studies written by nursing’s leading innovators and recognized leaders across specific segments of the healthcare industry and the globe, the book presents a "snapshot" of nursing and IT adoption worldwide. The book provides in-depth analysis of nursing developments in the United States and an expanded global focus, including profiles of EHR initiatives in the Middle East and Asia. In addition, new topics in this second edition include nursing faculty development and results of a five-country international survey on nursing clinical documentations.

Essentials of Nursing Informatics, 6th Edition Nursing, like other health-related professions, is information-intensive. The quality of care a patient receives is based on the soundness of judgment exercised by the health care team. Underlying sound judgment is up-to-date information. Unless nurses have access to accurate and pertinent information, the care being rendered will not be of the highest standard. What is required is not necessarily more rapid and efficient information services. Modern technology can process immense amounts of data in the blink of an eye. What we in the health professions need are information systems that are more intelligent, systems that can integrate information from many sources, systems that analyze and synthesize information and display it so that it may be applied directly in patient care—in other words, information that answers a question or even gives practical advice. In order to accomplish such objectives, work is needed to establish the scientific and theoretical basis for the use of computing and information systems by health professionals. This is the research component. In addition, there is the need for continued development and evaluation of practical information systems.

Informatics Nurse Exam Secrets Study Guide Designed to provide a foundation for nursing informatics knowledge and skills required in today's data-driven healthcare environment, this text examines the impact and implementation of technology in nursing practice. Patient
healthcare needs have only become more complex in a rapidly aging and diversifying population. Nurse Informaticists, as experts in improving healthcare delivery through data and technology, play a key role in ensuring quality and safety to patients. This text relies on nurses' practical experience to foster higher-level critical thinking and decision-making for professional development in informatics and life-long learning. Application of Informatics and Technology in Nursing Practice addresses the foundations of Nursing Informatics competencies, streamlined for the unique experience of practicing nurses. Organized around the framework of AACN Essentials of Baccalaureate Education, ANA Scope and Standards of Practice for Nursing Informatics, Institute of Medicine (IOM) Competencies, and Quality and Safety Education for Nurses (QSEN) knowledge, skills, and attitudes (KSA's), this text features numerous case scenarios of real-life applications to engage the reader and reinforce content. Chapters cover informatics competencies, knowledge, and skills in a concise manner that recognizes the value of prior nursing experience and builds upon the reader's existing knowledge-base. Key Features Provides information needed for all nurses in order to advance professionally in the new discipline and specialty of Nursing Informatics. Each chapter contains relevant critical thinking exercises, vignettes, and case studies Provides information and skills needed by nurses specific to a variety of healthcare settings Each chapter contains end-of-Chapter Learning Assessments: What Do You Know Now? Instructor Ancillary Package is included

The Nursing Informatics Implementation Guide For courses in nursing informatics. A practical guide to applying healthcare IT and nursing informatics Handbook of Informatics for Nurses & Healthcare Professionals is a complete, up-to-date overview of key issues related to adopting and applying healthcare IT and nursing informatics. It provides nurses and other healthcare professionals with a much-needed practical guide to using computer applications and healthcare information systems. The authors cover the concepts, skills, and tasks needed to achieve national IT goals to help transform healthcare delivery. The 6th edition reflects rapid changes in healthcare IT and informatics, and builds upon the expertise of contributors involved in day-to-day informatics practice, education, and research.


Informatics and Nursing A compilation of both landmark historic and contemporary papers, illustrating the inception and evolution of nursing informatics. The authors have assembled the papers into an invaluable source book providing a framework for future developments in the field. Examining the relationship between nursing and information systems, practical applications include administration, practice, research, education, critical care, and community health. An essential tool for nurses seeking to attain credentials as Nursing Informatics Specialists.

Applied Clinical Informatics for Nurses Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. Discover how technology can improve patient care -- and enhance every aspect of a nurse’s job performance, education, and career A Doody's Core Title for 2017! Written by leaders in nursing informatics, this comprehensive up-to-date text helps you understand how informatics can enhance every aspect of the nursing profession. This edition of Essentials of Nursing Informatics is highlighted by an outstanding team of international contributors and content that reflects the very latest concepts, technologies, policies, and required skills. Numerous case studies take the book beyond theory and add real-world relevance to the material. Essentials of Nursing Informatics is logically divided into ten sections edited by leading nurse informaticists: Nursing Informatics Technologies (Jacqueline Ann Moss) System Life Cycle (Virginia K. Saba) Informatics Theory Standards/Foundations of Nursing Informatics (Virginia K. Saba) Nursing Informatics Leadership (Kathleen Smith) Advanced Nursing Informatics in Practice (Gail E. Latimer) Nursing Informatics/Complex Applications (Kathleen A. McCormick) Educational Applications (Diane J. Skiba) Research
Applications (Virginia K. Saba) Big Data Initiatives (Kathleen A. M Cormick) International Perspectives (Susan K. Newbold) Essentials of Nursing Informatics is the best single resource for learning how technology can make the nursing experience as rewarding and successful as possible. New Feature! The 6th Edition introduces an online faculty resource to supplement classroom teaching, offering instructors PowerPoints with concise chapter outlines, learning objectives, key words, and explanatory illustrations and tables. To request Instructor PowerPoint slides: Visit www.EssentialsNursingInformatics.com and under the "Downloads and Resources tab," click "Request PowerPoint" to access the PowerPoint request form. Also, for the first time, a companion study guide for the 6th Edition is available separately from McGraw-Hill (Essentials of Nursing Informatics Study Guide/ISBN: 978-007-184-5892; edited by Julienne Brixey, Jack Brixey, Virginia K. Saba, and Kathleen A. M Cormick), presenting teaching modules for all major chapters, with content outlines, teaching tips, class preparation ideas, review questions, answer explanations, and online PowerPoint slides to aid understanding and retention of all major concepts covered in Essentials of Nursing Informatics, 6th Edition.

An Introduction to Nursing Informatics “Provides a broad overview of informatics knowledge to empower nurses to be thoughtful and participate in the capture, storage, and use of data to create information and knowledge to optimize patient outcomes. In this book, you will gain an understanding of how clinical decision support tools work so you can provide feedback about [their] effectiveness and recommend additional ways decision support tools help.” - Bonnie L. Westra, PhD, RN, FAAN, FACMI From the Foreword Understanding and managing technology is a key component in providing quality patient care today. This addition to the popular Fast Facts series provides RNs and nursing students with an accessible, concise, step-by-step introduction to the essentials of informatics and its impact on patient lives. This book delivers required competencies and frameworks for both nursing education and practice, expanding upon integral systems and technologies within our health care system and their impact on the responsibilities of the individual nurse. Highlighting the intricacies within a specialized approach to health care data, data mining, and data organization, this resource connects day-to-day informatics practices to larger initiatives and perspectives. Clear and concise synopses of health care essentials, case studies, and abundant practical examples help readers understand how Health Informatics improves patient care within the nursing scope of practice. Thought-provoking questions in each chapter facilitate in-depth considerations about chapter content. Key Features: Key information about the electronic health record, telehealth, wearables, and decision support tools Practical examples demonstrate how informatics improves patient care within the nurses’ scope of practice Chapter case studies with thought-provoking questions Nurses’ influence on data quality Relevant ethical, legal, and social issues The intersection of technology and informatics and the power of data

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

Mastering Informatics: A Healthcare Handbook for Success Health institutions are investing in and fielding information technology solutions at an unprecedented pace. With the recommendations from the Institute of Medicine around information technology solutions for patient safety, mandates from industry groups such as Leapfrog about using information systems to improve health care, and the move toward evidence based practice, health institutions cannot afford to retain manual practices. The installation of multi-million dollar computerized health systems represents the very lifeblood of contemporary clinical operations and a crucial link to the financial viability of institutions. Yet, the implementation of health information systems is exceptionally complex, expensive and often just plain messy. The need for improvement in the art and science of systems implementation is clear: up to 70-80% of information technology installations fail. The reasons are multi-faceted, ranging from the complexity of the diverse workflows being computerized, the intricate nature of health organizations, the knowledge and skills of users to other reasons such as strategies for obtaining key executive support, weaving through the politics peculiar to the institution, and technical facets including the usability of systems. Thus, the art and science of successfully implementing systems remains deeply layered in elusiveness. Still, given the pervasiveness of system implementtions and the importance of the outcomes, this is a critical topic, especially for nurses and informatics nurse specialists.


Project Management in Nursing Informatics Applied Clinical Informatics for Nurses, Second Edition employs a contextually based teaching approach to promote clinical decision making, ethical conduct, and problem solving.

Informatics and Nursing Like the three editions that preceded it, this new edition targets markets in health care practice and educational settings. It addresses practicing nurses and nursing students, together with nursing leadership and nursing faculty. It speaks to nursing informatics specialists and—in a departure from earlier editions of this title—to all nurses, regardless of their specialty, extending its usefulness as a text as noted below. In recognition of the evolving electronic health information environment and of interdisciplinary health care teams, the book is designed to be of interest to members of other health care professions (quality officers, administrators, etc.) as well as health information technology professionals (in health care facilities and in industry). The book will include numerous relevant case studies to illustrate the theories and principles discussed, making it an ideal candidate for use within nursing curricula (both undergraduate and graduate), as well as continuing education and staff development programs. This book honors the format established by the first three editions by including a content array and questions to guide the reader. This 4th edition also includes numerous brief case studies that help to illustrate the theories and practices described within the various chapters. Most of these “mini-cases” are provided by members of professional nursing organizations that comprise the TIGER Initiative. These mini-cases are listed in the front matter and highlighted via formatting throughout the text.

Nursing Informatics “This book gives a general overview of the current state of nursing informatics giving particular attention to social, socio-technical, and political basic
Handbook of Informatics for Nurses and Healthcare Professionals Nursing informatics has a long history of focusing on information management and nurses have a long history of describing their computer use. However, based on the technical advances and through the ongoing and consistent changes in healthcare today, we are now challenged to look to the future and help determine what nurses and patients/consumers will need going forward. This book presents the proceedings of the Post Conference to the 13th International Conference on Nursing Informatics, held in Geneva, Switzerland, in June 2016. The theme of the Post Conference is Forecasting Informatics Competencies for Nurses in the Future of Connected Health. This book includes 25 chapters written as part of the Post Conference; a result of the collaboration among nursing informatics experts from research, education and practice settings, from 18 countries, and from varying levels of expertise - those beginning to forge new frontiers in connected health and those who helped form the discipline. The book content will help forecast and define the informatics competencies for nurses in practice, and as such, it will also help outline the requirements for informatics training in nursing programs around the world. The content will aid in shaping the nursing practice that will exist in our future of connected health, when practice and technology will be inextricably intertwined.

Forecasting Informatics Competencies for Nurses in the Future of Connected Health The American Medical Informatics Association (AMIA) defines the term biomedical informatics (BMI) as: The interdisciplinary field that studies and pursues the effective uses of biomedical data, information, and knowledge for scientific inquiry, problem solving and decision making, motivated by efforts to improve human health. This book: Applied Interdisciplinary Theory in Health Informatics: A Knowledge Base for Practitioners, explores the theories that have been applied in health informatics and the differences they have made. The editors, all proponents of evidence-based health informatics, came together within the European Federation of Medical Informatics (EFMI) Working Group on Health IT Evaluation and the International Medical Informatics Association (IMIA) Working Group on Technology Assessment and Quality Development. The purpose of the book, which has a foreword by Charles Friedman, is to move forward the agenda of evidence-based health informatics by emphasizing theory-informed work aimed at enriching the understanding of this uniquely complex field. The book takes the AMIA definition as particularly helpful in its articulation of the three foundational domains of health informatics: health science, information science, and social science and their various overlaps, and this model has been used to structure the content of the book around the major subject areas. The book discusses some of the most important and commonly used theories relevant to health informatics, and constitutes a first iteration of a consolidated knowledge base that will advance the science of the field.

Professional Nursing As the importance of electronic and digital devices in the provision of healthcare increases, so does the need for interdisciplinary collaboration to make the most of the new technical possibilities which have become available. This book presents the proceedings of the 13th International Conference on Nursing Informatics, held in Geneva, Switzerland, in June 2016. This biennial international conference provides one of the most important opportunities for healthcare professionals from around the world to gather and exchange expertise in the research and practice of both basic and applied nursing informatics. The theme of this 13th conference is eHealth for All: Every Level Collaboration - From Project to Realization. The book includes all full papers, as well as workshops, panels and poster summaries from the conference. Subjects covered include a wide range of topics, from robotic assistance in managing medication to intelligent wardrobes, and from low-cost wearables for fatigue and back stress management to big data analytics for optimizing work processes, and the book will be of interest to all those working in the design and provision of healthcare today.

Nursing Informatics and the Foundation of Knowledge Covering a range of skills and systems, this title prepares you for work in technology-filled clinical field. It includes topics such as
clinical decision support, clinical documentation, provider order entry systems, system implementation, adoption issues, and more.

Nursing Informatics Publisher's Note: Products purchased from 3rd Party sellers are not guaranteed by the Publisher for quality, authenticity, or access to any online entitlements included with the product. Focusing on the information every nurse should know and capturing cutting-edge advances in a rapidly changing field, this practical text helps students build the communication and information literacy skills they need to integrate informatics into practice. This edition retains the key coverage of the previous edition, including office cloud computing software, interoperability, consumer informatics, telehealth, clinical information systems, social media use guidelines, and software and hardware developments, while offering new information and references throughout. Highlights of the 6th Edition Updated coverage Built-in learning aids Integrated QSEN scenarios A valuable with CoursePoint for Informatics and Nursing, 6th Edition Combining the world-class content of this text with Lippincott’s innovative learning tools in one easy-to-use digital environment, Lippincott CoursePoint transforms the teaching and learning experience, making the full spectrum of nursing education more approachable than ever for you and your students. This powerful solution is designed for the way students learn, providing didactic content in the context of real-life scenarios—at the exact moments when students are connecting theory to application. Features Create an active learning environment that engages students of various learning styles. Deliver a diverse array of content types—interactive learning modules, quizzes, and more—designed for today's interactive learners. Address core concepts while inspiring critical thinking. Reinforce understanding with instant SmartSense remediation links that connect students to the exact content they need at the precise moment they need it. Analyze results and adapt teaching methods to better meet individual students’ strengths and weaknesses. Empower students to learn at their own pace in an online environment available anytime, anywhere.

Essentials of Nursing Informatics ***Includes Practice Test Questions*** Informatics Nurse Exam Secrets helps you ace the Informatics Nurse Exam, without weeks and months of endless studying. Our comprehensive Informatics Nurse Exam Secrets study guide is written by our exam experts, who painstakingly researched every topic and concept that you need to know to ace your test. Our original research reveals specific weaknesses that you can exploit to increase your exam score more than you've ever imagined. Informatics Nurse Exam Secrets includes: The 5 Secret Keys to Informatics Exam Success: Time is Your Greatest Enemy, Guessing is Not Guesswork, Practice Smarter, Not Harder, Prepare, Don't Procrastinate, Test Yourself; A comprehensive General Strategy review including: Make Predictions, Answer the Question, Benchmark, Valid Information, A void Fact Traps, Milk the Question, The Trap of Familiarity, Eliminate A nswers, Tough Questions, Brainstorm, Read Carefully, Face Value, Prefixes, Hedge Phrases, Switchback Words, New Information, Time Management, Contextual Clues, Don't Panic, Pace Yourself, Answer Selection, Check Your Work, Beware of Directly Quoted Answers, Slang, Extreme Statements, Answer Choice Families; A comprehensive Content review including: Aggregate Data, Binary Code, Hexadecimal Coding System, Data Analysis, Median, Range, Variance, Chi-Square Test, Regression Analysis, Balanced Scorecard, Line Graphs, Bar Graphs, Pie Charts, Scattergram, Dashboard, External Benchmarking, Internal Trending, Evidence-Based Practice, Strategies, Martha E. Rogers, Hildegard Peplau, Dorothea Orem, Betty Neuman, Florence Nightingale, Ida Jean Orlando, Crisis Theory, Lee A nn Hoff, Madeline Leininger, Information Theory, Theory of Cognitive Development, Psychosocial Development Model, Systems Theory, Theory of Adult Development, End-User Acceptance, Patient Advocacy, Malpractice, Liability, Health Care Reform, Institute Of Medicine, Virtual Reality, Problem-Based Learning, and much more.

Nursing Informatics This series is intended for the rapidly increasing number of health care professionals who have rudimentary knowledge and experience in health care computing and are seeking opportunities to expand their horizons. It does not attempt to compete with the primers already on the market. Eminent international experts will edit, author, or contribute to
each volume in order to provide comprehensive and current accounts of innovations and future trends in this quickly evolving field. Each book will be practical, easy to use, and well referenced. Our aim is for the series to encompass all of the health professions by focusing on specific professions, such as nursing, in individual volumes. However, integrated computing systems are only one tool for improving communication among members of the health care team. Therefore, it is our hope that the series will stimulate professionals to explore additional means of fostering interdisciplinary exchange. This series springs from a professional collaboration that has grown over the years into a highly valued personal friendship. Our joint values put people first. If the Computers in Health Care series lets us share those values by helping health care professionals to communicate their ideas for the benefit of patients, then our efforts will have succeeded.

Nursing Informatics 2018 This book reflects the evolution of a vibrant discipline in its chosen. The Impact of Nursing Knowledge on health Care Informatics. Nursing Informatics has changed the practice, defining new roles for nursing in education, research, patient care and administration. reaching out into industry, government and consultancies. The range of issues addressed in this book is extraordinary, including nursing language, cognitive skills, education and training, nursing research, systems design, decision support, patient record, patient management, standards and more. It also clarifies values, strategies and practices central to the profession of nursing. This book is a part of the global network, building bridges between teachers, students, clinicians, administrators and researchers around the world and creating a lasting bond.

Essentials of Nursing Informatics, 6th Edition Informatics, the science of processing data for storage and retrieval, is vital in today’s healthcare environment. At the core of informatics practice is the electronic health record (EHR). However, the scope of informatics encompasses many areas peripheral to the EHR, such as use of mobile devices, patient portals, data analytics, telehealth, and conducting health IT research. Health informatics specialists are at the forefront of effective programs that are changing patient outcomes and education, but producing these systems is not a simple task for any healthcare professional. This book presents key informatics concepts to help readers increase knowledge and expertise. The authors begin with the phases of the system development lifecycle (SDLC): planning and analysis, design and usability, testing, training, implementation, maintenance, and evaluation. This overview provides informatics nurses, physicians, pharmacists, dentists, dieticians, and other clinical professionals with a solid foundation of knowledge of each SDLC phase, positioning them for success within any clinical system. Coverage includes: Essential tools for project management Patient safety and engagement Security and privacy concepts Healthcare clinical decision support


Nursing Informatics 2016 The beauty of Nursing is its flexibility - there are so many things nurses can do. Unfortunately many nurses are feeling burned out, shaken, and traumatized. They are leaving the profession altogether without realizing there is a career option offering work from home, great pay, and the opportunity to shape the future. That is the purpose of this book. From Bedside Nurse to Informatics Nurse: A How-To Guide takes nurses step-by-step from bedside care to the flexible, well-paid world of Nursing Informatics without going back to school. It offers a straightforward walk through of what Nursing Informatics is and why nurses should consider careers in health technology. This book includes easy-to-digest explanations of technology topics, Nursing Informatics tools and methods, and how to get hands-on experience. Finally, it covers how to get hired for Nursing Informatics roles and what mistakes to avoid that even master’s program graduates do not know. Best of all, this book is written by a nurse who made this transition. Distilling everything learned in two masters’ degree programs plus a decade of experience, this guide focuses on the core information needed to enter this
Exciting field.

Nursing informatics for the Advanced Practice Nurse Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. Discover how technology can improve patient care—and enhance every aspect of a nurse’s job performance, education, and career A Doody's Core Title for 2017! Written by leaders in nursing informatics, this comprehensive up-to-date text helps you understand how informatics can enhance every aspect of the nursing profession. This edition of Essentials of Nursing Informatics is highlighted by an outstanding team of international contributors and content that reflects the very latest concepts, technologies, policies, and required skills. Numerous case studies take the book beyond theory and add real-world relevance to the material. Essentials of Nursing Informatics is logically divided into ten sections edited by leading nurse informaticists: Nursing Informatics Technologies (Jacqueline Ann Moss) System Life Cycle (Virginia K. Saba) Informatics Theory Standards/Foundations of Nursing Informatics (Virginia K. Saba) Nursing Informatics Leadership (Kathleen Smith) Advanced Nursing Informatics in Practice (Gail E. Latimer) Nursing Informatics/Complex Applications (Kathleen A. McCormick) Educational Applications (Diane J. Skiba) Research Applications (Virginia K. Saba) Big Data Initiatives (Kathleen A. McCormick)

From Bedside Nurse to Informatics Nurse Nursing informatics (NI) is the specialty that integrates nursing science with information management and analytical sciences to identify, define, manage, and communicate data, information, knowledge, and wisdom in nursing practice. Nursing Informatics supports nurses, consumers, patients, the interprofessional healthcare team, and other stakeholders in a wide variety of roles and settings to achieve desired outcomes. This is accomplished through the use of information structures, information processes, and information technology. An Introduction to Nursing Informatics, Evolution and Innovation, 2nd Edition is the ideal gateway to all the professional possibilities this continuously evolving discipline has to offer. Describing the evolution of nursing informatics from its origins to current practice in today’s complex, diverse healthcare environment, this book offers the next generation of nurse informaticists an understanding of the discipline, best practices, and its scope of influence in healthcare. The book also explores Nursing Informatics as it is evolving into the future, including technology creation and implementation and the development of influential policies and best practices. Special features include descriptions of the ‘a day in the life’ from informatics nurses in multiple roles and fields of influence, including academia, research, clinical settings, the executive suite, consulting, and government, as well as an Appendix featuring case profiles. This new edition updates the content to better align with the current state of nursing informatics and expand on additional roles. New to this edition is a chapter providing tips and advice for those trying to find their first nursing informatics job or are changing their careers. A new chapter covers healthcare analytics and how it fits into the nursing informatics role. An Introduction to Nursing Informatics, Evolution and Innovation, 2nd Edition is the ideal resource for nursing students and as a reference guide and point of inspiration for nurses currently in the field.

Nursing and Informatics for the 21st Century Learn how computers and technology affect the nurse’s role in caring for the patient. Now fully updated and enhanced, the fourth edition includes new coverage of PDAs, the impact of HIPAA guidelines, patient safety issues, privacy issues, optimal use of decision support tools, and much more

Handbook of Informatics for Nurses and Health Care Professionals "This book provides relevant theoretical frameworks and empirical research findings in the area of nursing informatics, critiquing fundamental concepts such as evidence based practice and examining possible applications of such concepts in the contemporary context of nursing informatics"--Provided by publisher.

Health Informatics Nursing Informatics and the Foundation of Knowledge covers the history of
healthcare informatics, current issues, basic informatics concepts, and health information management applications. The text includes key terms, case studies, best practice examples, critical thinking exercises, and web resources.

Advances in Patient Safety This package contains the following products: 9781609136956 Sewell Informatics and Nursing, 4e 9781451186116 Lippincott Lippincott's DocuCare, Six-Month Access

An Introduction to Nursing Informatics, Evolution, and Innovation, 2nd Edition "Nursing informatics (NI) is the specialty that integrates nursing science with multiple information and analytical sciences to identify, define, manage and communicate data, information, knowledge and wisdom in nursing practice. For many people, NI, and health care informatics in general, are about technology. This is especially true of electronic health records (EHRs) that are required of all care facilities. That is just one among many aspects of nursing informatics, a distinctive practice specialty that is the focus of this new publication. The second edition of Nursing Informatics: Scope and Standards of Practice is the most comprehensive, up-to-date resource available in this subject area. The book covers the full scope of nursing informatics and outlines the competency level of nursing practice and professional performance expected from all informatics nurses and nurse specialists. In addition, it details the nursing informatics competencies needed by any RN, spans all nursing careers and roles, and reflects the impact of informatics in any health care practice environment. This is a must-read for nurses, as informatics touches on every RN’s practice." --Publisher's website.

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

Nursing Informatics It is indisputable that information technology plays an ever-increasing role in the delivery of healthcare, and quality improvement is a crucial element in this constantly changing environment of providing nursing care with the help of advanced technology. This book presents papers from the 14th International Congress on Nursing and Allied Health Informatics (NI 2018), held in Guadalajara, Mexico, in June 2018. The theme of the conference - Information and Communication Technology to Improve Quality & Safety at the Point of Care - stresses the increasing importance of the role played by technology in modern healthcare, and the topics featured here cover the use of information and communication technologies for nursing and all allied healthcare professionals in the form of papers, posters, panels and workshops. The book will be of interest to all those professionals who must navigate the ever-changing world of modern healthcare delivery.