

Integrated Health Information Platform

== Description == 1a956c0b7e HIS solutions typically... 1a956c0b7e PHI is sought out in datasets for de-identification before researchers share the dataset publicly. Researchers remove individually and identifiable PHI from a dataset to preserve privacy for research participants. 1a956c0b7e It is believed patients who know their medical history may learn and interpret this information in a way that benefits them. This, however, is not always the case because online health information is not always peer reviewed. Physicians worry that patients who conduct Internet research on their medical history are at a risk of being misinformed. In 2013, the opinions about the relationship between health care providers and online health information were still being established. According to a 2014 study, "The flow of information has fundamentally changed, and physicians have less control over health information relayed to patients. Not surprisingly... 1a956c0b7e The main review and assessment of health informatics in China for the WHO-Health Metrics Network was conducted in 2006 which details Provincial assessments, developing strategic plan outline, improving community health monitoring system, household surveys, routine health statistics system. 1a956c0b7e In the United States, the Office of the National Coordinator for Health Information Technology supports statewide health information exchange through financial grants. These grants were legislated into the HITECH components of the American Recovery and Reinvestment Act of 2009. Regional Health Information Organizations (RHIOs) are typically geographically defined entities that develop and manage contractual agreements, facilitate electronic information exchange, and establish and maintain HIE standards. Federal and state regulations regarding HIEs and health information technology (HIT) are still being defined. Federal regulations and incentive programs such as "Meaningful Use", formally known... 1a956c0b7e

Protected health information Protected health information (PHI) is information about the provision of health care or payment for health care that is created or collected by a covered Protected health information (PHI) is information about the provision of health care or payment for health care that is created or collected by a covered entity, and can be linked to a specific individual. This includes any part of a patient's medical record or payment history 1a956c0b7e

The term "personal health record" was used as early as June 1978, and, in 1956, there was a reference was made to a "personal health log." The term "PHR" may be applied to both paper-based and computerized systems; usage in the late 2010s usually implies an electronic application used to collect and store health data. 1a956c0b7e

Health informatics It can be viewed as a branch of engineering and applied science. Health informatics is the study and implementation of computer science to improve communication, understanding, and management of medical information Health informatics is the study and implementation of computer science to improve communication, understanding, and management of medical information 1a956c0b7e

Health information exchange Participants in this data exchange are collectively called Health Information Networks (HINs). HIE may also refer to the Health Information Organization (HIO) facilitating the exchange. HIE aims to facilitate access to and retrieval of clinical data, particularly to support public health authorities in analyzing the health of the population. Health Information Exchange (HIE) is the electronic exchange of health care information across organizations within a region, community, or hospital system Health Information Exchange (HIE) is the electronic exchange of health care information across organizations within a region, community, or hospital system 1a956c0b7e

Management information system applications into integrated platforms known as enterprise software, connecting all major business functions and providing comprehensive information access across A management information system (MIS) is an information system designed to support decision-making, coordination, control, analysis, and visualization of information within an organization. The study of management information systems examines the interplay between people, processes, and technology in an organizational context, encompassing key managerial functions such as planning, controlling, and strategic decision-making 1a956c0b7e

== United States == 1a956c0b7e

Health informatics in China Health informatics in China (Chinese: 医疗卫生信息学) is about the health informatics or medical informatics or healthcare information system/technology in China Health informatics in China (Chinese: 医疗卫生信息学) is about the health informatics or medical informatics or healthcare information system/technology in China 1a956c0b7e

The term Management Information Systems (MIS) broadly refers to organized systems that support the collection, processing, storage, and analysis of data for managerial purposes within an organization. Common functions of an MIS include decision support, transaction processing, reporting, and performance monitoring. The term generally excludes systems focused solely on software infrastructure or technical operations, distinguishing MIS from broader information technology management. 1a956c0b7e The market size is expected to expand to approximately RMB 15 billion in 2010. The development of China's HIT industry is generally considered to be at a preliminary stage, resembling that of western countries 20... 1a956c0b7e By the end of 2006, China's investment in its healthcare information systems (HIS) had increased by nearly 16 percent to RMB 5.8 billion, year-on-year. This amount accounts for approximately 0.5% of the country's total healthcare expenditures of RMB 866 billion during the same period. 1a956c0b7e Several related disciplines are... 1a956c0b7e

Health information on the Internet The Internet is widely Health information on the Internet refers to all health-related information communicated through or available on the Internet. Health information on the Internet refers to all health-related information communicated through or available on the Internet 1a956c0b7e

The health system spans two states, New York and Connecticut. It comprises 28 hospitals and over 1,000 ambulatory care facilities across Long Island, the five boroughs of New York City, Westchester, the Hudson Valley, and Western Connecticut. The flagship hospitals of Northwell are North Shore University Hospital and Long Island Jewish Medical Center. The healthcare network is also headquartered on Long Island, in New Hyde Park, Nassau County. 1a956c0b7e Health informatics is a multidisciplinary field that includes the study of the design, development, and application of computational innovations to improve health care. The disciplines involved combine healthcare fields with computing fields, in particular computer engineering, software engineering, information engineering, bioinformatics, bio-inspired computing, theoretical computer science, information systems, data science, information technology, autonomic computing, and behavior informatics. 1a956c0b7e In academic institutions, health informatics includes research focuses on applications of artificial intelligence in healthcare and designing medical devices based on embedded systems. In some countries the term informatics is also used in the context of applying library science to data management in hospitals where it aims to develop methods and technologies for... 1a956c0b7e

Personal health record A PHR is intended to provide a complete and accurate summary of an individual's medical history that is accessible online. The health data on a PHR might include patient-reported outcome data, lab results, and data from devices such as wireless electronic weighing scales or (collected passively) from a smartphone. A personal health record (PHR) is a health record where health data and other information related to the care of a patient is maintained by the patient A personal health record (PHR) is a health record where health data and other information related to the care of a patient is maintained by the patient. This stands in contrast to the more widely used electronic medical record (EMR), which is operated by institutions (such as hospitals) and contains data entered by clinicians (such as billing data) to support insurance claims 1a956c0b7e

== Background == 1a956c0b7e The Internet is widely used by the general public as a tool for finding health information. In the late 1990s, researchers noted an increase in Internet users' access to health-related content despite the variation in the quality of information, level of accessibility, and overall health literacy. Access to health information does not guarantee understanding, as health literacy of individuals vary. 1a956c0b7e The health domain provides an extremely wide variety of problems that can be tackled using computational techniques. 1a956c0b7e

Northwell Health Northwell Health (commonly shortened to simply "Northwell") is a nonprofit integrated healthcare network that is New York state's largest healthcare provider Northwell Health (commonly shortened to simply "Northwell") is a nonprofit integrated healthcare network that is New York state's largest healthcare provider and private employer, with more than 105,000 employees 1a956c0b7e

In the early 2000s, healthcare organizations began to propose formal definitions of the term. For example: 1a956c0b7e In the 1990s North Shore University Hospital in Manhasset began to expand, first purchasing Glen Cove Hospital in 1990 which formed North Shore Health Systems Inc. Throughout the decade the health network began to purchase other surrounding hospitals and by 1997 had a total of 10 hospitals spanning from Staten Island to Suffolk County, New York. 1a956c0b7e == History == 1a956c0b7e

Hospital information system In many implementations, an HIS is a comprehensive, integrated information system designed to manage all aspects of a hospital's operation A hospital information system (HIS) is an element of health informatics that primarily addresses the administrative and operational needs of hospitals. hospitals. More broadly, an HIS is a type of medical information system (MIS). HIS is also referred to as hospital management software or hospital management system (HMS). In many implementations, an HIS is a comprehensive, integrated information system designed to manage all aspects of a hospital's operation, including medical, administrative, financial, and legal processes 1a956c0b7e

The IDSP was initiated by the World Bank in November 2004 to 2010 for the whole country and thereafter until 2012 for 9 identified priority states namely Uttarakhand, Rajasthan, Punjab, Maharashtra, Gujarat, Tamil Nadu, Karnataka, Andhra Pradesh and West Bengal. The remaining states were funded from India's domestic budget during 2010 to 2012. The programme continues during 12th Plan (2012–17) under National Health Mission... 1a956c0b7e

Integrated Disease Surveillance Programme Weekly data is submitted from over 90% of the 741 districts in the country. It was started in 2004 with the assistance of the World Bank. With the aim of improving digital surveillance capabilities, the Integrated Health Information Platform (IHIP) was launched in a number of states in November 2019. A central surveillance unit has been set up at the National Centre for Disease Control in Delhi. aim of improving digital surveillance capabilities, the Integrated Health Information Platform (IHIP) was launched in a number of states in November 2019 The Integrated Disease Surveillance Programme (IDSP) is a nationwide disease surveillance system in India incorporating both the state and central governments aimed at early detection and long term monitoring of diseases for enabling efficient policy decisions. All states, union territories, and district headquarters of India have established surveillance units 1a956c0b7e

== Definition == 1a956c0b7e Hospital information systems provide a centralized source of patient data, including medical histories, lab results, imaging, and visit schedules. Modern HIS solutions, such as Medicare HMS 1a956c0b7e In a corporate setting, the ultimate goal of a management information system is to increase the value and profitability of the business by providing managers with timely and relevant information for informed decision-making. 1a956c0b7e There are many forms of PHI, with the most common being physical storage in the form of paper-based personal health records. Other types of PHI include electronic health records, wearable

technology, and mobile applications. In recent years, there has been a growing number of concerns regarding the safety and privacy of PHI. 1a956c0b7e Under the U.S. Health Insurance Portability and Accountability Act, PHI that is linked based on the following list of 18 identifiers must be treated with special care (up to date as of August 7, 2025): 1a956c0b7e In 1997 North Shore Health Systems merged with Long Island Jewish Medical Center forming the "North Shore-Long Island Jewish Health System" after a failed attempt by the United... 1a956c0b7e == Terminology and scope == 1a956c0b7e Due to the Health Informatization Development Plan, all hospitals are required to increase investment in building digitized hospitals. This requirement is expected to accelerate the growth of China's HIT market by about 25 to 30% a year during 2006-2010. 1a956c0b7e , ensure that data is secure, accessible only to authorized personnel, and available at the point of care. They enhance coordination among healthcare professionals by making patient information available when and where it is needed. Portable devices like smartphones and tablet computers are often used at the bedside for real-time access. These systems also support data integration across departments, improving coordination and decision-making in healthcare facilities. 1a956c0b7e

[https://ftp.spruitsportcoaching.nl/\\$c/slide/dl?BOOK=what_are_the-tiny-bumps_present-on_the_tongue_called](https://ftp.spruitsportcoaching.nl/$c/slide/dl?BOOK=what_are_the-tiny-bumps_present-on_the_tongue_called)
https://ftp.spruitsportcoaching.nl/~h/doc/go?PPT=walk_in-clinic-cambridge
https://ftp.spruitsportcoaching.nl/-t/slide/link?PPT=benefits_of_eating_plums
https://ftp.spruitsportcoaching.nl/@r/short/find?TEXT=drawing_of_a-woman-s_body
https://ftp.spruitsportcoaching.nl/^l/chap/visit?PDF=taking_valtrex_after_cold_sore_appears
[https://ftp.spruitsportcoaching.nl/\\$o/play/key?CHAPTER=how_to_gain_weight_fast-for_skinny_people](https://ftp.spruitsportcoaching.nl/$o/play/key?CHAPTER=how_to_gain_weight_fast-for_skinny_people)
https://ftp.spruitsportcoaching.nl/-y/ebook/niche?EPUB=how-accurate_is_carbon-dating
https://ftp.spruitsportcoaching.nl/@f/pub/key?PUB=where_computers-are_used
https://ftp.spruitsportcoaching.nl/@w/slide/dl?TEXT=hours_of_the_year