Healthcare Domain References

This document contains essential comprehensive references for healthcare information technology professionals.

As there is sea of information available, these references are focused on existing functional standards required for Global Hospital Information System.

These references are useful to software professional to obtain right information regarding healthcare standards and healthcare processes during software development.

Knowledge is the full utilization of information and data, coupled with the potential of people's skills, competencies, ideas, intuitions, commitments and motivations.

In today's economy, knowledge is people, money, leverage, learning, flexibility, power, and competitive advantage.

Knowledge is more relevant to sustained business than capital, labor or land.

Importance of domain knowledge:

1) To enhance decisions, services and products through adding intelligence, increasing value and providing flexibility.

2) To implement initiatives such as total quality management (TQM), business process re-engineering (BPR)

3) Create learning organization to sustain competitive position in market.

Why we need domain Knowledge?

Software development is a collaborative process that needs to bring together domain expertise with technology expertise and process knowledge.

To serve customers well and remain in business companies must:

   A. Reduce their product delivery cycle
   B. Operate with minimum fixed assets and overhead (people, inventory and facilities)
   C. Shorten product development time
   D. Improve customer service
   E. Empower employees
   F. Innovate and deliver high quality products
   G. Enhance flexibility and adoption

H. Capture information, create knowledge, share and learn.

None of this is possible without a continual focus on the creation, updating, availability, quality and use of knowledge by all employees and teams, at work and in the marketplace.

Journals:

1) http://www.modernhealthcare.com
2) http://www.healthcareitnews.com
3) http://www.healthcare-informatics.com
4) http://jama.ama-assn.org
5) http://www.pohly.com/mags/journalhealthcareinformation.html
6) http://www.managedcaremag.com
7) http://www.himss.org/asp/jhim_subscriptions.asp

Periodicals:

For comprehensive list of periodicals visit:
http://www.pohly.com/books_healthcare_magazines_periodicals.html#List

ACMPE Executive View - American College of Medical Practice Executives
Action Kit for Hospital Law - monthly newsletter for hospital executives
Administration in Social Work - from National Network for Social Work Managers
Advisor for Medical & Professional Staff Services - accreditation, credentialing, governance
AHA Coding Clinic for ICD-9-CM - official publication, AHA, AHIMA, CMS, NCHS⭐
AHA Coding Clinic for HCPCS - quarterly coding resource⭐
AHA News - bi-weekly from American Hospital Association⭐
Allergy Coding Alert - coding & reimbursement for allergy services
Alternative Medicine Alert - clinical data supporting or refuting specific uses
Ambulatory Coding & Payment Report - compliance & reimbursement advice
American Journal of Health Promotion - peer-reviewed
American Journal of Infection Control / AJIC - infection control, epidemiology
American Journal of Managed Care / AJMC - clinical, economic, policy, finance & delivery
American Journal of Nursing / AJN - award-winning, peer-reviewed, monthly journal
American Journal of Public Health - from American Public Health Association
American Medical News / AMNews - news effecting medical practice, AMA BEST SELLER!
Anesthesia & Pain Management Coding Alert - expert coding advice
Annals of Health Law - healthcare corporate, medical regulatory, bioethical issues

[APC Advisor](#) - detailed guidance, updates, rules, tools
[APC Answer Letter](#) - monthly coding guidance & solutions
[Artificial Intelligence in Medicine](#) - theory & practice of artificial intelligence in health care
[Audiology Coding & Billing Alert](#) - strategies to maximize audiologist reimbursement
[Billing Alert for Long-Term Care](#) - documentation & Part A guidance
[Bioethics](#) - ethical, legal & policy issues, arguments, debates
[BioScan](#) - biotech industry reports, new products
[BMJ / British Medical Journal](#) - International Edition
[Briefings on Ambulatory Accreditation](#) - compliance for JCAHO & AAAHC
[Briefings on APCs](#) - coding, compliance, processes
[Briefings on Coding Compliance Strategies](#) - documentation & billing rules
[Briefings on HIPAA](#) - security, transactions, training
[Briefings on Hospital Safety](#) - covers JCAHO, OSHA, EPA, NFPA, FDA, NRC, etc.
[Briefings on JCAHO](#) - policies, forms, advice BEST SELLER!
[Briefings on Long-Term Care Regulations](#) - CMS, PPS, etc.
[Briefings on Outpatient Rehab](#) - reimbursement & regulations⭐
[Briefings on Patient Safety](#) - best practices, advice⭐
[Briefings on Quality Improvement & Data Reporting](#) - outcomes, compliance
[Capitation Management Report](#) - challenges, opportunities, advice⭐
[Capitation Rates & Data](#) - rates, benchmarks, contracting
[Cardiology Coding Alert](#) - expert coding & compliance advice
[Care Industry Survey, Healthcare & Managed Care](#) - Standard & Poors, healthcare investing info
[Case Management Advisor](#) - ethical & legal issues, case load management, disease issues
[Case Management Training Monthly](#) - case studies, practices, strategies⭐
[CenterWatch](#) - news & grant leads for clinical trials⭐
[CIN / Computers, Informatics, Nursing](#) - dedicated to computers in nursing practice⭐
[Clinical Coding & Reimbursement](#) - inpatient & outpatient compliance
[Clinical Examples in Radiology](#) - guide to CPT coding & billing, AMA
[Clinical Trials Administrator](#) - training, documentation, budgeting, protocols, quality, safety
[Clinical Trials Compliance](#) - OHRP, CMS, FDA, HIPAA, etc.
[CodeManager](#) - software, data, quarterly updates from AMA
[Coding & Medicare Updates](#) - compliance guidelines for Medicare & private insurance
[Competency Management Advisor](#) - for nursing & clinical managers, compliance⭐
[Computerized Medical Imaging & Graphics](#) - latest info on computer applications
[Computer Methods & Programs in Biomedicine](#) - computing software & applications⭐
[Computers in Biology & Medicine](#) - applications in bioscience and medicine
[Consumer Driven Healthcare](#) - planning, marketing, contracting, operational

strategies

[Contemporary Long Term Care](#) - nursing homes, assisted living, SNF, elder communities

[CPT Assistant](#) - important guidance for billing procedures & coding BEST SELLER!

[CPT Changes](#) - companion to CPT Assistant

[Credentialing Resource Center](#) - resources, updates & rules for privileging⭐

[Dermatology Coding Alert](#) - billing & coding advice for dermatology practice

[Directory of Health Plans](#) - current year, hundreds of MCOs & PPOs

[Directory of Privately Owned Hospitals & Hospital Management Companies](#) - FAH

[Disease Management Advisor](#) - analyses, strategies, paths, forms

[Disease Management News](#) - outcomes, technology, strategies, competition

[Doctor's Office](#) - marketing, cash flow, billing procedures

[ED Coding Alert](#) - expert coding advice

[ED Legal Letter](#) - risk management in emergency departments

[ED Management](#) - business & management of emergency medical care

[eHealthcare Strategies & Trends](#) - internet strategies for healthcare

[Electronic Health Records Briefing](#) - monthly newsletter

[Employer Health Benefit Facts, Trends & Data](#) - current year, up-to-date

[Environment of Care News](#) - from JCAHO, EC standards for accreditation⭐

[Family Practice Coding Alert](#) - expert compliance & coding advice

[Family Practice Management](#) - from AAFP, tools for better practices

[Frontiers of Health Services Management](#) - ACHE, evolving trends⭐

[Gastroenterology Coding Alert](#) - expert coding & compliance tools

[General Surgery Coding Alert](#) - compliance & coding advice

[Group Practice Journal](#) - AMGA, American Medical Group Association

[Guide to Medical Privacy & HIPAA](#) - complete manual, plus monthly updates⭐

[H&HN's Most Wired Magazine](#) - hospital information technology BEST SELLER!

[Hand Surgery Coding Alert](#) - coding & compliance for hand surgeons

[Harvard Management Update](#) - new ideas, trends, real world expertise BEST SELLER!

[Healthcare Benchmarks & Quality Improvement](#) - data & quality tools⭐

[Healthcare Business Market Research](#) - data, statistics, strategic planning resources

[Health Care Competency & Credentialing Report](#) - for HR professionals

[Healthcare Design](#) - medical building & facilities design

[Healthcare Executive](#) - from American College of Healthcare Executives⭐

[Healthcare Financial Management](#) - HFMA

[Health Care Fraud Report](#) - for healthcare leaders & compliance teams BEST SELLER!

[Healthcare Hazard Control](#) - environmental health, safety & security resources⭐

[Healthcare Hazard Management Monitor / HHMM](#) - environmental health, safety, security

[Healthcare Informatics](#) - all aspects of computerization & automation

[Healthcare Life Safety Compliance](#) - JCAHO, NFPA, Environment of Care, etc.

[Health Care Management Review](#) - by leading health care executives, peer-

reviewed

[Health Care Manager](#) - for professionals in managerial or supervisory roles
[Healthcare Marketing Report](#) - HMR Publications Group⭐
[Health Care Policy Report](#) - healthcare policy, regulation, news⭐
[Health Care Program Compliance Guide & Library](#) - Medicare, Medicaid, TRICARE⭐
[Healthcare Risk Control](#) - comprehensive risk management resource⭐
[Healthcare Risk Management](#) - guidance for healthcare risk managers⭐
[Health Devices Alerts](#) - medical device hazard & recall info & research BEST SELLER!
[Health Expectations](#) - international journal, patient-focused care & health policy
[Health Facilities Management](#) - from AHA, ASHE & ASHES, facility management
[Health Information Compliance Alert](#) - monthly guide, HIPAA mandates, compliance
[Health Law & Business Series & Library](#) - critical issues, in-depth analyses
[Health Law Reporter](#) - for healthcare compliance officers, lawyers
[Health Law Week](#) - latest court rulings affecting healthcare providers
[Health Lawyer](#) - from American Bar Association, Health Law section
[HealthLeaders](#) - coverage of industry problems, issues, trends
[Health Plan & Provider Report](#) - laws & policies effecting health plans & providers⭐
[Health Policy](#) - published by Elsevier
[Health Policy & Planning](#) - by Oxford University Press
[Health Services Research / HSR](#) - AcademyHealth, Health Research & Educational Trust
[HIPAA Security & Privacy Regulations Compliance Quarterly](#) - HFMA recommended⭐
[HIPAA Training Alert](#) - strategies, documents, news
[Home Care Week](#) - reimbursement, industry trends, fraud & abuse, contracting
[Home Health ICD-9 Alert](#) - monthly newsletter
[Hospice Management Advisor](#) - accreditation, reimbursement, liability & more
[Hospital Access Management](#) - admissions, billing, compliance
[Hospital Case Management](#) - monthly up-to-date information⭐
[Hospital Employee Health](#) - critical info for employee health program
[Hospital Home Health](#) - business, regulatory, reimbursement & clinical concerns⭐
[Hospital Infection Control](#) - comprehensive & expert articles
[Hospitalist & Inpatient Management Report](#) - clinical & financial data, strategies, templates
[Hospital Liability & Litigation Alert](#) - risk management & compliance monthly
[Hospital Litigation Reporter](#) - decisions affecting healthcare facilities; useful for risk management
[Hospital Peer Review](#) - accreditation, QI, UR, peer review process⭐
[Hospital Pharmacy Regulation Report](#) - comply with JCAHO, CMS, HIPAA, safety goals

[Hospitals & Health Networks / H&HN](#) - from American Hospital Association⭐
[Infection Control & Hospital Epidemiology](#) - IC in healthcare facilities⭐
[Internal Medicine Coding Alert](#) - expert compliance & reimbursement advice
[International Journal for Quality in Health Care](#) - quality, safety, interdisciplinary⭐
[International Journal of Health Planning & Management](#) - planning, management⭐
[International Journal of Medical Informatics](#) - computer systems, practices⭐
[IRB Advisor](#) - regulatory, administrative & management issues
[JAMA / Journal of the American Medical Association](#) - AMA medical journal⭐
[JCAHO Advisor for Behavioral Health Care Providers](#) - accreditation, compliance⭐
[JCAHO Advisor for Health Care Human Resources](#) - JCAHO accreditation for your HR
[Joint Commission Benchmark](#) - for performance improvement professionals⭐
[Joint Commission Journal on Quality & Patient Safety](#) - JCAHO, quality improvement BEST SELLER!
[Joint Commission Perspectives](#) - official JCAHO updates, extremely important BEST SELLER!
[Joint Commission Perspectives on Patient Safety](#) - analyzing & preventing errors⭐
[Joint Commission: The Source](#) - expands on *Perspectives;* CQI from JCAHO BEST SELLER!
[JONA's Healthcare Law Ethics & Regulation](#) - nursing care management⭐
[Journal for Healthcare Quality](#) - from National Association for Healthcare Quality BEST SELLER!
[Journal for Nurses in Staff Development](#) - issues & innovations impacting staff development
[Journal of AHIMA](#) - from American Health Information Management Association⭐
[Journal of Ambulatory Care Management / JACM](#) - issues in ambulatory care
[Journal of Behavioral Health Services & Research](#) - peer-reviewed, multidisciplinary
[Journal of Healthcare Information Management / JHIM](#) - information management⭐
[Journal of Healthcare Management](#) - American College of Healthcare Executives⭐
[Journal of Healthcare Risk Management](#) - Society for Healthcare Risk Management BEST SELLER!
[Journal of Health Economics](#) - economics of health & medical care
[Journal of Health Law](#) - by American Health Lawyers Association
[Journal of Hospital Infection](#) - from the Hospital Infection Society
[Journal of Hospital Librarianship](#) - technical & administrative issues of hospital libraries
[Journal of Medical Practice Management](#) - law, litigation, office management, key issues
[Journal of Nursing Administration / JONA](#) - geared to top-level nurse executives BEST SELLER!

[Journal of Nursing Care Quality](#) - quality principles & concepts in practice⭐
[Journal of Patient Safety](#) - advances & applications, every area of patient safety⭐
[Journal of Public Health Management & Practice](#) - design, implementation, health programs
[Journal of Rural Health](#) - by the National Rural Health Association
[Journal of the American Association for Medical Transcription / JAAMT](#) - transcription
[Journal of the American Medical Directors Association / JAMDA](#) - long-term care
[Journal of the American Medical Informatics Association / JAMIA](#) - MIS, HIS⭐
[Laboratory Compliance Manager](#) - guidance regarding APCs, CMS, CLIA, etc.
[Laboratory Errors & Patient Safety](#) - best practices, studies, QI, management
[Laboratory Reimbursement & Compliance Alert](#) - CLIA, Stark II, HIPAA, other regs
[Lancet / North American Edition](#) - worldwide research in medicine
[Lippincott's Case Management](#) - managing the process of patient care⭐
[Long-Term Care Report](#) - issues shaping the long-term industry
[Long-Term Care Survey Alert](#) - JCAHO & state survey guidance
[Mammography Regulation Report](#) - compliance, FDA, reimbursement, safety
[Managed Care Report](#) - regulatory updates, business strategies, litigation, etc.
[Managing the Margin](#) - from HFMA, income generating strategies, controlling costs BEST SELLER!
[Marketing Health Services](#) - from American Marketing Association, healthcare strategies
[Materials Management in Healthcare](#) - purchasing, managing supplies & equipment⭐
[MDS Alert](#) - compliance, reimbursement, revenue enhancement
[Medical Environment Update](#) - OSHA, CDC, EPA, NIOSH & other regulatory compliance
[Medical Ethics Advisor](#) - ethical controversies, developments, liabilities, standards, policies
[Medical Marketing & Media / MM&M](#) - articles on marketing & promotion
[Medical Office Billing & Collections Alert](#) - optimizing billing, collections, medical practices
[Medical Office HIPAA Alert](#) - health information management & compliance
[Medical Office Manager](#) - professional newsletter for managers of doctors' offices
[Medical Office Nurse](#) - management & compliance guidance
[Medical Office Receptionist](#) - expert advice for smooth operations
[Medical Records Briefing](#) - advice regarding legal, financial, HR issues, privacy
[Medical Research Law & Policy Report](#) - rules & legal issues for researchers⭐
[Medicare Compliance Week](#) - weekly reports regarding regs & compliance
[Medicare Legislation & Regulation](#) - news & analysis, weekly
[Medicine & Health](#) - weekly news, health policy developments⭐
[MGMA Connexion](#) - from the Medical Group Management Association⭐

[Milbank Quarterly](#) - social, legal, ethical dimensions of health care policy
[Modern Healthcare](#) - the only health care business news weekly⭐
[Modern Physician / MP Quarterly](#) - business news & info for physician leaders & execs
[NAHDO News](#) - from the National Association of Health Data Organizations
[National Correct Coding Manual](#) - quarterly updates, current CPT, CMS & NCCI⭐
[*(The)* Nation's Health](#) - official newspaper of American Public Health Association
[Neurology Coding Alert](#) - compliance advice from experts
[Neurosurgery Coding Alert](#) - expert coding techniques BEST SELLER!
[Nurse Educator](#) - peer-reviewed, developments, innovations in nursing education
[Nursing Administration Quarterly / NAQ](#) - management of nursing services⭐
[Nursing Home Law & Litigation Report](#) - recent cases & settlements in long-term care
[Nursing Home Regulations Manual & Updates](#) - guide to standards & rules for compliance
[Nursing Homes: Long Term Care Management](#) - enhancing success & performance
[Nursing Management](#) - success strategies for health care managers & leaders⭐
[OASIS Alert](#) - requirements, strategies, home health billing
[OB-GYN Coding Alert](#) - expert coding advice
[Oncology Coding Alert](#) - compliance guidance from experts BEST SELLER!
[Operating Room Risk Management](#) - OR management-assistance program⭐
[Ophthalmology Coding Alert](#) - expert up-to-date coding advice BEST SELLER!
[Optometry Coding & Billing Alert](#) - compliance & reimbursement
[Oral & Maxillofacial Coding & Billing Alert](#) - reimbursement, compliance & management
[Orthopedic Coding Alert](#) - tools to optimize reimbursement⭐
[Otolaryngology Coding Alert](#) - coding & compliance
[Outpatient Physical Therapy Coding Alert](#) - monthly coding guidance for PT, OT, rehab⭐
[Pain Management Coding Alert](#) - expert coding alerts
[Part B Insider](#) - news, analysis, Medicare Part B, regulation, reimbursement
[Pathology / Lab Coding Alert](#) - reimbursement & compliance strategies⭐
[Pediatric Coding Alert](#) - expert coding advice
[Performance Improvement Advisor](#) - cases, data, profiling, paths, guidelines
[PFS Advisor: Comprehensive Revenue Cycle Resource](#) - patient financial services
[Physical Medicine & Rehab Coding Alert](#) - compliance & reimbursement advice
[Physician Executive](#) - from American College of Physician Executives, ACPE BEST SELLER!
[Physician Referral & Telephone Triage Times](#) - marketing, technology, protocols, legal issues
[Plunkett's Health Care Industry Almanac](#) - published annually

[Point of Care: The Journal of Near-Patient Testing & Technology](#) - hospital testing
[Postacute Payment Report](#) - benchmarks, strategies, regulatory updates
[PPS Alert for Long-Term Care](#) - documentation rules, reimbursement
[Private Practice Success](#) - business, reimbursement, finance, technology
[Psychiatric Times](#) - widely read publication in behavioral health & psychiatry
[Public Administration Review / PAR](#) - American Society for Public Administration⭐
[Pulmonology Coding Alert](#) - reimbursement, coding, compliance
[Quality & Safety in Health Care](#) - studies, standards, measurement, quality⭐
[Quality Letter for Healthcare Leaders](#) - health care quality improvement⭐
[Quality Management in Health Care](#) - peer-reviewed, quarterly⭐
[Radiology Coding Alert](#) - reimbursement & compliance
[Radiology Compliance Manager](#) - coding & billing guidance
[Red Book Update](#) - monthly drug & product pricing information & more
[Rehab Report](#) - mastering the business side of rehab
[Reimbursement Management Update](#) - all areas of healthcare billing & regulations
[Residency Program Alert](#) - management, law, compliance, finance ⭐
[Revenue-Cycle Strategist](#) - from HFMA, tools for revenue-cycle performance⭐
[Senior Care Management](#) - strategies for Medicare risk success
[State Health Care Regulatory Developments](#) - US state healthcare regulation⭐
[State Health Watch](#) - developments at state & county level
[Strategic Health Care Marketing](#) - marketing strategies & plans⭐
[Strategies for Nurse Managers](#) - advice, tips, best practices
[Trustee](#) - for governing boards of health care systems & hospitals⭐
[Urology Coding Alert](#) - expert coding advice
[USP DI - Desktop Series](#) - label & off-label prescription drug info
[Value in Health](#) - outcomes studies, health care interventions, medical procedures, devices

Websites:

1) http://www.openehr.org
2) http://www.himss.org
3) http://www.fiercehealthcare.com
4) http://www.informatics-review.com
5) http://www.hipax.de/pageseng/service/hipaxcnf.htm

Medical Software, Electronic Data & Healthcare CD-ROMs:

AHA Guide - current year guide to companies, hospitals, leaders BEST SELLER!
Almanac of Hospital Financial & Operating Indicators - Ingenix BEST SELLER!
CliniTrend for Windows - patient care documentation, ASHP NEW!
CodeManager - AMA, coding software BEST SELLER! more coding resources here
CodeSearch Pro - medical coding software NEW! more coding resources here
CPT Assistant Archives - CD-ROMs from AMA ☆
CPT Changes: CD-ROM - current editions, AMA, BEST SELLER!
CPT, Codes on CD-ROM - AMA, both ASCII & EBCDIC versions
CPT Professional Edition - AMA, CD-ROM electronic edition, current
CPT / RVU, Codes on CD-ROM - AMA NEW! more coding resources here
CPT / RVU, Codes on CD-ROM - PMIC BEST SELLER! more coding resources here
Directory of Physicians in the US - current edition BEST SELLER!
Dorland's Illustrated Medical Dictionary - current edition
Dragon Naturally Speaking Medical Solutions - voice recognition
software BEST SELLER!
Essential RBRVs - Ingenix, book & CD-ROM, 2005 & 2006 editions BEST SELLER!
Gray's Anatomy Electronic Edition - classic reference, Dec 2004 NEW!
Healthcare Product Comparison - digital, always current ☆
HIPAA Checkup - automated compliance tools NEW!
Hospital Chargemaster Guide - HFMA / Ingenix BEST SELLER!
Hospital Statistics: Analysis & Comparison of Hospital Trends -
AHA BEST SELLER!
HCPCS Codes on CD-ROM - AMA more coding resources here
HCPCS Codes on CD-ROM - PMIC BEST SELLER! more coding resources here
ICD-9-CM Data Files on CD-ROM - AMA more coding resources here
Medicare Correct Coding Guide - Ingenix, always current, both ring-binder &
CD-ROM BEST SELLER!
Medicare Fee Calculator - AMA BEST SELLER!
MedTeach - ASHP, patient education software
Microsoft Excel - current versions
Microsoft Office - current versions
Mosby's Nursing Drug Reference - book, CD, or PDA NEW!
PaperPort Pro - document management ☆
PDR / Physician's Desk Reference - both book & electronic versions NEW!
RBRVS Payment Calculator - AMA, 2005 & 2006 editions

Healthcare Portals:

Healthcare portals are a point of single access for practitioners, employees as well as
patients. This enables more effective communication, better event scheduling,
employee hiring, online shopping of medical supplies, retrieval and updating of
personal health records etc.

http://www.frost.com/prod/servlet/bgps.pag/healthcare

http://www.microsoft.com/industry/healthcare/providers/solutions/healthcareportals.mspx

http://www.tcs.com/0_industry_practices/healthcare/healthcare_webhealthcare.htm

http://www-306.ibm.com/software/solutions/LE/LHX01-01/solutions_overview.html

Mandatory healthcare compliance regulations:

HL7
http://www.hl7.org/about/

http://www.cdisc.org/publications/hl7presentations.html

http://www.healthlanguage.com/

Mandatory Clinical coding standards/National standard terminology:

ICD 10
http://www.who.int/classifications/icd/en/

CPT (Current Procedure Terminology)
http://www.ama-assn.org/ama/pub/category/3113.html

SNOWMED CT (Systematized Nomenclature of Medicine Clinical Terms)
http://www.snomed.org/snomedct/index.html

XML
http://healthcare.xml.org/

www.x12.org

Six Sigma
http://healthcare.isixsigma.com/

LOINC codes
http://www.regenstrief.org/loinc/)

Emerging point of care terminology
MEDCIN
http://www.healthtechnologyreview.com/news-omnimd-emr-press-release-medcin.php

http://www.medicomp.com/index_html.htm

Above clinical terminology and data standards are necessary to achieve interoperability of healthcare information systems.

Books:

HL7 messaging

Description:
The HL7 (Health Level 7) communication standard is developed for the Health Care domain and facilitates the exchange of messages between Health Care Information Systems such as radiology, laboratory, patient scheduling, billing, etc. This book provides a comprehensive guide to the HL7 version 2.x standard. The reader does not need to have any experience with the HL7 standard. This book will be of particular value to anyone working in the imaging domain as frequent references are made to the IHE (Integrating the Health Care Enterprise) standard, which defines profiles especially for the imaging domain.

The book will provide the reader with a detailed explanation of the version 2.x messaging. It makes extensive use of examples. It is especially useful for those who are planning to implement, support, and/or need a good understanding of the standard. The intended audience is engineers, system administrators, interface engineers, IT personnel, and anyone who wants to get a thorough overview of this messaging protocol.

The author is Mike Henderson, who is a true HL7 veteran. He has a long time involvement with the standardization effort, as member and/or chair of HL7 working groups, and has a broad experience in the healthcare industry actually implementing this standard. In addition, he has teached on this subject for several years in locations as far as Brazil and India, and obviously, in many locations across the U.S. Herman Oosterwijk, co-chair of the HL7 working group for Imaging and Integration has contributed to this book as we

http://www.otechimg.com/pub_hl7.php?menu=products

PACS fundamentals Book

Description:
With the growth of PACS installations, there is a need to educate potential users, managers, and people who support these systems about the fundamentals of the PACS technology. That is the objective of this book: to provide a basic understanding of PACS technology, as well as lessons learned from those who have used it for many years.

The PACS Fundamentals book is not a comprehensive discussion about all the different technologies used with these systems. Rather this manual is an introduction for a potential or current user who needs to better understand PACS background and technology in order to better perform their job whether it's using the system, supporting, managing, or even selling it. This book is used as supporting material in the OTech PACS system administrator training workshops and as part of the several PACS e-learning classes that OTech provides, and can also be used very well as a stand-alone textbook.

Its intended audience is primarily PACS system administrators. However, it is also intended for biomedical engineers, and administrators who support and manage these systems. Even users such as technologists or physicians who would like a better understanding of the basics of the system will benefit from this book.

The author of this book is Herman Oosterwijk, MS, MBA, who is an experienced teacher and trainer on the subject of PACS and connectivity, especially the DICOM and HL7 communication standards. Herman Oosterwijk has an extensive background in PACS through his previous experience as PACS program manager with Philips, AT&T and Kodak, and recently as president of OTech Inc., a healthcare technology consulting and training company.

Several industry experts have previewed PACS Fundamentals. Following are some of their comments:

"This book provides a much-needed user description of PACS and associated topics. A review of this book enables the current PACS user, and future users, to understand the fundamentals of their system. Herman Oosterwijk's clear and directed writing enables the reader to understand the uses of PACS," Samuel J. Dwyer III, Ph.D., fellow SCAR, Professor of Radiology, University of Virginia.

http://www.otechimg.com/pub_pacsfund.php?menu=products

DICOM Basics Book

Description:
Learning about DICOM is like learning another language. When you are not familiar with that language, you don't understand what people talk about. The objective of the "DICOM Basics" book is to break down the language barrier that exists between the providers of the equipment that have DICOM functionality, its features ranging from very simple to a full range of sophisticated services, and the user community.

In addition, one will understand what the basic components are of this communications standard so that one can determine the impact of this standard on the operation in an institution. Based on the objective description above, it should be clear that this book is a must for everyone who is involved with the specification and implementation of a Picture Archiving and Communication Systems (PACS) in an institution. That includes IT personnel, biomedical engineers, physicists, radiology administrators, chief technologists, and personnel from radiology, cardiology, etc.

This third edition is improved by adding several clarifications and figures based on feedback from our readers. It is updated with the latest additions to the DICOM standard, including the 2004 printed version and any changes that have been made as far as spring 2005. It has 50 more pages of information compared with version 2, and has more details on Structured Report extensions, additions for clinical trials, color consistency, web access to DICOM objects and configuration management.
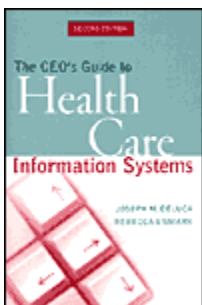
The author is Herman Oosterwijk, MSc, MBA, who has been involved with the DICOM standardization effort since its inception in 1983 as the ACR-NEMA standard. Herman Oosterwijk has trained thousands of people around the world on the subject of DICOM. His book is based on his teaching experience and the many classes and seminars.

This book is not intended to be a comprehensive handbook or programmers guide for DICOM software implementers, nor is it intended to be a "DICOM for Dummies", i.e. provide a simple user guide for every DICOM related question. It is rather a simple reference for people who like to understand the basics of the Digital Imaging and Communications (DICOM) standard. Happy reading!

http://www.otechimg.com/pub_dicom.php?menu=products

The CEO's Guide to Health Care Information Systems, 2nd Edition

by Joseph M. DeLuca, Rebecca Enmark

Health care information technology (IT) is an essential management tool in the modern delivery environment.

Yet for many CEO's and other senior executives, finding easy-to-use resources that help bridge the gap between general management

practices and the discipline of health care information systems technology has been a daunting challenge.

Here, the authors offer a variety of tools and techniques for planning and managing health care information systems. Most important, they review the 10 major applications of IT, including financial, managed care, and clinical systems, and identify eight critical factors for successfully managing an information systems department. This book provides guidance and resources for these areas:

- Health Care Information Technology.
- Information Systems Features and Functions.
- The Integrated Delivery System.
- The Systems Life Cycle.
- Managing Health Care Information Technology.

Written for top-level executives, this is the thoroughly revised and updated edition of the 1996 book that has become a classic in the field. A reliable resource of accurate and timely information, *The CEO's Guide to Health Care Information Systems, Second Edition*, expands on the first edition and includes a greater focus on the business value of new information technologies, a broader discussion of health care systems, and a completely new section on the information technology development lifecycle.

Focusing on the value of new information technologies, it offers a broad view of health care systems, and outlines the information technology development cycle. With a minimum of technical language, the book describes the major components, functions, capabilities, and life cycle of health information systems.

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For books on Healthcare Information technology visit http://www.informatics-review.com/readings.html

Radiology Information System standard:

DICOM (Digital Imaging and Communications in Medicine)
http://www.sph.sc.edu/comd/rorden/dicom.html

http://www.xray.hmc.psu.edu/physresources/dicom/

PACS (Picture Archiving and Communications. System)
http://www.connectingforhealth.nhs.uk/pacs/

Health Policy website
http://www.healthpolicymonitor.org/index.jsp

Useful certifications for healthcare IT professional:

Project management
http://www.pmi.org/prod/groups/public/documents/info/pdc_capm.asp

HL7

Healthcare IT certification
http://www.continuingstudies.uconn.edu/professional/health/ithealth.html

http://www.hl7.org/about/

HIPPA
http://www.hipaaacademy.net/HIPAA_Training/chp.html

HIPAA academy in the USA offers all level of HIPAA training & certification. A certification program has been developed by HIPAA, which is available through prometric testing. Certifications include Certified HIPAA Administrator (CHA). Certified HIPAA Professional (CHP) & Certified HIPAA Security Specialist (CHSS)

Six Sigma

http://www.6sigma.us/six-sigma-healthcare.php

Medical Billing

http://www.ambanet.net/cmrs.htm

http://www.synitech.com/standard/download_page.php

Forum:
http://www.emrupdate.com/forum/forum.asp?FORUM_ID=1&CAT_ID=1&Forum_Title=EMR+Forum

http://www.medicalcomputingtoday.com/index.html

http://www.shimagine.co.uk/Forum/display_topic_threads.asp?ForumID=3&TopicID=29&PagePosition=1

Healthcare Consulting Companies:

http://www.pwchealth.com

www.perotsystems.com

http://www.otechimg.com

(OTech is a training and consulting company focused on helping clients understand and implement healthcare technology solutions like HIPPA, HL7, PACS, DICOM)

http://www.health-infosys-dir.com

http://www.managedhealth.com

http://healthcare-consulting-market.consultingcentral.com

Medical Billing:
http://www.hcsinteractant.com/Services/HIPAA.cfm

http://www.medical-billing-classes.com/courses/HIPAAIntro1.htm

Health Insurance:
http://www.cms.hhs.gov/default.asp?

Hospital function Workflows:

http://www.radiology.upmc.edu/rsna_refresher/RSNA_2002/courses/pdf/Enterprise_integration.pdf

User groups:

PACS user groups
http://www.gehealthcare.com/usen/community/centricity_pacs/products/pacuser.html

http://www.himss.org/ASP/usergroupsHome.asp

Microsoft healthcare user group:
http://www.mshug.org/ASP/index.asp

Telemedicine:
http://www.vitelnet.com/Telemedicine/tm_main.htm

http://www.telemedicine.com

Healthcare Blog

http://www.thehealthcareblog.com/the_health_care_blog/2005/06/tech_conversati.html