



A Roadmap for BYOD Adoption

Embrace user-initiated BYOD movement while maintaining security and control

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Clinical Informatics Insights

Advancing Patient Care through IT



May 2012

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In this Issue: Building Blocks for a Health IT Sustainability Roadmap

This issue of *Clinical Informatics Insights* explores the fundamentals of developing health IT sustainability roadmaps for organizations by utilizing key performance indicators, return on investment and quality indicators. The issue also highlights the growing demand and value of clinical informatics professionals today.

State of the Industry

Building Out Your Health IT ROI- The Value to the Enterprise and the Patient

By *Christina Thielst, FACHE, MHA*



Over the last couple of years we have been busy implementing EHRs and other clinical management tools and finding ways to exchange information across systems and providers. It is time we also begin eliminating the electronic silos of information that have been created within organizations and put to *use* what has already been collected. [Read more](#)

Sustainability Checkpoint: Do You Have a Mobile Strategy?

By *Shahid N. Shah*



iPads, iPhones, tablets, Android and mHealth. These words all feel “modern” and make us think that if we simply come up with the right “mobility strategy” and put all of our applications into mobile devices we’d have more seamless workflows in healthcare. Of course we know better; in fact, saying that once you put an app on a mobile device you get mobile workflow would be like saying in the year 2000 that you need a “laptop strategy” and by putting apps on your laptop you would have mobile workflow. [Read more](#)

Meet an Informaticist

Two Must Haves: Interoperability AND Usability

By *Dean Gushee, MD, MS, FACEP*

Tool Box Picks

Compiled by *Cheryl D. Parker, RN, MSN, PhD, FHIMSS*



[Using Health IT: Eight Quality Improvement Stories](#)

An increasing number of case studies demonstrate that health IT improves quality. A recent review published by AHRQ contained numerous examples of how health IT can, for example, increase the likelihood that patients received life-saving treatment or lower the frequency of a common type of hospital-acquired infection.

[HIMSS Patient Safety and Quality Outcomes Website](#)

This topic area within the HIMSS website includes a primer on quality issues, case studies, committee reports, various white papers and links to valuable resources.

[Key Performance Indicators Database](#)

This website contains a free online database of Key Performance Indicator (KPI) examples for healthcare. Registered users can explore, bookmark and comment on thousands of documented Key Performance Indicators (KPIs), measures and metrics grouped by business functional area and industry.

[HRSA Health IT Adoption Toolkit](#)

The Health IT Adoption Toolbox is a compilation of planning, implementation and evaluation resources to help community health centers, other safety net providers, and ambulatory care providers implement health IT applications in their facilities. Look at the section on evaluating, optimizing and sustaining.

[Human-Computer Interaction and Usability in Healthcare](#)

This is a PDF of the presentation slides given by Bengt Sandblad, Professor in Human-Computer Interaction Uppsala University, on human-computer interaction and usability in healthcare.

[HIMSS EHR Usability Website](#)

Achieving meaningful use was the original driving force of our recent health IT initiatives at Mason General Hospital & Family of Clinics, a 25-bed critical care facility in Shelton, Wash. However, we had several goals for the rollout of a new patient portal and electronic health record system in our emergency department. One of our primary objectives was to provide better access to health information for the 22,000 patients that we treat annually in our ED. Another top priority was improving the quality and coordination of care that our 11 ED physicians and 30 nurses and aids deliver to patients. [Read more](#)

Strategies for Success

Help! Calling All Health IT Professionals

By Mark D. Sugrue, RN-BC, and Sarah B. Molina, MBA, RHIA, CPHIMS, PMP, CCS



It may seem ironic that at a time when the US labor force is recovering from one of the worst down turns in modern history that we would be discussing shortages of health IT resources needed to meet demand. The [U.S. Bureau of Labor Statistics](#) estimates that 51,000 health IT professionals will be needed in the future for the nation to successfully become meaningful users of health systems.¹ Defining the roles, competencies and responsibilities of these resources will be critical. As will, training, development, and retention of the health IT workforce across the entire system. [Read more](#)



Resource in Practice

Exploring a Sustainable Technology: BMDI

By Michelle Grate, RN, CPHIMS



The health IT industry is experiencing growth and innovation like never before and healthcare providers have a plethora of options to support everything from patient care to clinical productivity to revenue management. With the American Recovery and Reinvestment Act (ARRA) of 2009 and meaningful use there is a renewed focus on [ensuring medical devices are connected to accurately](#) record vital signs and chart changes while also ensuring medical device interoperability. Such focus has accelerated the development and adoption of EHRs. In addition, the Joint Commission's number-one National Patient Safety Goal (NPSG) from 2009 is to improve the accuracy of patient identification. For device connectivity, that translates to a goal of having a direct association between the device(s) and the patient at all times. [Read more](#)

HIMSS News

[HIMSS13 Call for Proposals and HIMSS13 Call for Reviewers Open](#)

The [HIMSS13 Call for Proposals](#) and the [HIMSS13 Call for Reviewers](#) are now open online. Share your expertise and your organization's real-world health IT experiences, and become part of the largest health IT conference and exhibition in the world. The 2013 Annual HIMSS Conference & Exhibition will be held March 3 - 7, 2013 in New Orleans. For more information contact [Debra](#)

This HIMSS website features tools and best practices related to health IT usability.

[New! AHRQ Quality Indicators Toolkit for Hospitals](#)

The AHRQ Quality Indicators™ Toolkit is a free resource designed to guide hospitals through the process of using the AHRQ Inpatient Quality Indicators (IQIs) and Patient Safety Indicators (PSIs) to improve care. For a thorough introduction to the Toolkit, hospitals and other organizations can now download a [video](#) that describes the Toolkit and discusses the use of several key tools.

Cheryl D. Parker, RN, MSN, PhD, FHIMSS, is chief nursing informatics officer at Rubbermaid Medical Solutions.



Join the Discussion

facebook

[In the spirit of celebrating National Nurses Week May 6-12, HIMSS and a collection of nursing informatics experts hosted a Facebook chat to shine light on nursing informatics as a specialty within health IT. Join the discussion.](#)

Connect with HIMSS

Expand your network by connecting to HIMSS on these social media sites:



Upcoming Events

[HIMSS Virtual Career Fair](#)

May 16, 2012

[NIST Creating Usable EHRs: A User-Centered Design Best Practices Workshop](#)

Gaithersburg, MD

[Clough](#).

[Engage with Potential Employers and Health IT Professionals](#)

This week HIMSS will host its inaugural Virtual Career Fair on May 16 from 11 am to 7:30 pm CT. With the Virtual Career Fair, HIMSS Career Services creates an environment that lets health IT candidates and employers share the opportunities, resources, and experience necessary to advance the integrity of patient care – at no charge to attendees. Job seekers have the opportunity to post profiles and resumes, browse available positions, and even chat, text or email prospective employers. Employers and recruiters will be looking to fill positions for all-level candidates, in several functions within health IT. Get [tips](#) on how to keep pulse on the health IT job market prior to event.

Save 10% on CPHIMS Exam

In the era of Meaningful Use, now is the time to earn your CPHIMS designation. Save 10 percent on the CPHIMS Exam if you apply by June 15 and schedule by June 30 at any [AMP Assessment Center](#). This exam will offer you the chance to become a CPHIMS, which means you are trained and tested to implement best practices and current technology—a must have with multiple government mandates on the horizon. In order to get the discount of the exam, you must apply by June 15 and then take the CPHIMS Exam by June 30, and you must take the exam at an AMP Assessment Center. [Learn more about eligibility requirements, exam application and preparation](#) resources. Questions? Call 312-915-9216 or click the e-mail certification@himss.org. In addition, through May 31, save 10 percent on *The CPHIMS Review Guide*—in CD, print and eBook formats. [Preparing for Success in Healthcare Information and Management Systems: The CPHIMS Review Guide](#) was created specifically to follow the CPHIMS exam content, optimizing your potential for success.

[National Nurses Week at HIMSS](#)

Starting on May 6, HIMSS joined the American Nurses Association and numerous partners in celebrating National Nurses Week, which is held May 6-12. More specifically, May 12 has been designated Nursing Informatics Day by the American Nurses Association and the HIMSS Nursing Informatics Community. In honor of the dedication, commitment, and tireless effort of the nearly 3.1 million registered nurses nationwide to promote and maintain the health of this nation, HIMSS proudly recognize registered nurses everywhere throughout the week for the quality work they provide seven days a week, 365 days a year. HIMSS shared blog posts from members of the HIMSS nursing community, and hosted some social networking discussions and a education session on Friday, May 11.

May 22, 2012

[HIMSS Virtual Briefing: Future of Mobile Technologies and mHealth](#)

May 23, 2012

[HIMSS Nursing Informatics Institute hosted by Cleveland Clinic](#)

Cleveland, OH

May 31, 2012

[HIMSS Virtual Conference & Expo](#)

June 6-7, 2012

[Government Health IT Conference & Exhibition](#)

Washington, DC

June 11-12, 2012

[HIMSS Chapter Events](#)

[Webinars and Audio Conferences](#)

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Clinical Informatics Insights is a monthly e-newsletter published by the Healthcare Information and Management Systems Society (HIMSS) that provides timely and comprehensive coverage on the effective integration of informatics across the continuum of care.

Editor's Note: The inclusion of an organization name, product, resource or service in this e-newsletter should not be construed as a HIMSS endorsement of such organization, product or service, nor is the failure to include an organization name, product or service to be construed as disapproval.

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