

IT Update

Zynx to Improve Efficiency of Order Sets

As part of the ongoing **Care Transformation Project**, Zynx, the vendor for the Executable Knowledge Manager (EKM), has been selected as the electronic order entry system of choice for University Health Care Hospitals & Clinics.

Zynx's EKM, is a web-based tool used to build and create evidence-based order sets, a collection of orders categorized by diagnosis given to patients after treatment. This new tool, that is to be implemented October 2006, is expected to **improve patient safety, enhance efficiency, and standardize patient care.**

"An electronic order entry system gives us the ability to have rules and alerts that will improve patient safety," said Dr. Michael Strong, Assistant Professor of General Internal Medicine. "We also believe that Zynx will improve efficiency and standardize care."

In many health care institutions, a common concern with order sets is that they grow outdated quickly as new research and technology evolve. As a result, physicians fear the information they are prescribing is inaccurate and outdated.

EKM solves this problem with its approach on evidence-based order sets created by physicians, for physicians said Strong. The physicians who created Zynx come from Cedar-Sinai. These physicians review current medical literature and create order sets based on their findings.

"The biggest boom for us is having a group of order sets that are evidence based," said Strong. "It's a tremendous time saver and allows us to get this project implemented faster with the assurance that it is evidence based."

If any changes need to be made to the order sets or new order sets need to be created, EKM has a feature called AuthorSpace that allows users to manipulate or easily create new sets. "While they have a lot of order sets, they certainly don't have everything we would want and we will have to create many on our own," Strong said. "As a result, physicians can and will be involved in the process."

When an order set is viewed, links to the literature on which the order set is based are easily accessible, allowing physicians to review evidence if necessary although, Strong believes the information to be accurate. Strong also sees EKM as having the potential to be a teaching

tool for residents and calls it an "on-the-spot educational opportunity."

A review process is underway to assure that the order sets are all inclusive, and if necessary to create additional order sets from what currently exists. Various committees will be involved in the review process, starting with physicians divided into specialties. From there, the review will involve committees comprised of residents, nurses, ancillary services and pharmacy staff.

"If we create order sets wisely and have numerous order sets that can be utilized, it is our belief that this will improve acceptance of the new system and in the long run will make it equally efficient if not more efficient," Strong said.

GuestNet Internet Workstations are Live

After months of planning and anticipation, our GuestNet Internet Workstations are now live!

Located within the Hospital's Starbucks Café, these workstations allow Hospital patients and guests to have a place where they can access the Internet and Hospital services online.



The new GuestNet Internet Workstations, located in the Hospital's Starbucks Café, provide Hospital patrons with a relaxing atmosphere to browse the Internet.

Primarily for our guests, these workstations are set up with a default web page that gives users information about the Hospital, available services and other useful resources to this audience. The latest version is available at <http://uuhsc.utah.edu/guestnet/>.

Continued on page 2...

IT Update

Continued from page 1...

The current location of the GuestNet workstations is a test to see how the kiosks are utilized and what the support impact will be for any future workstations. The long term goal is to place additional workstations throughout the Hospital, including the cafeteria, the front lobby, various waiting rooms, or wherever there is demand and adequate space.

In order to provide access to our guests and at the same time protect our clinical network, the workstations are connected to a DSL line and modem, which itself is protected in a network closet. The DSL set up also provides a connection for people who are using their own laptops.

ITS staff have carefully set up the equipment to keep any potential issues to a minimum, but if guests do have problems with a machine, a reboot will be a likely fix. The workstations will automatically reboot periodically and the image will refresh, keeping the machine relatively problem free.

With this project now off the ground, **wireless** GuestNet access is close behind. Look for an update in the near future.

Have Feedback?

If you have any suggestions or feedback about what content should be included on GuestNet's website, located at <http://uuhsc.utah.edu/guestnet>, please contact Michele Mills at 587-6056.

The ITS Training Center has a New Home

The ITS Training Center has moved!

In mid-September, the center found a new home at ITS' newest building, 650 Komas. The move provides the center with space for twice as many training rooms and triples its capacity for training participants.

The ITS Training Center now has a total of nine rooms all named after some of the great thinkers of the past, including Aristotle, DaVinci, and Einstein to name a few.

Training staff expect training participants to find the newly remodeled rooms very inviting and a comfortable

learning environment. The center is also complete with a lounge where participants can relax during their breaks from learning.

New Employee Orientation Moves

The Board Room at 650 Komas is the new meeting place for Hospital New Employee Orientation. The first orientation was held October 31st and was the first of many to be held at the building shared with various University departments.

The initial morning sessions will be held in the Board Room, followed by SafetyCAT testing in the Training Center throughout the afternoon.

Having the new employees come to an ITS building for their initial experience with the organization gives us all the opportunity to help create a friendly and helpful environment for them.