

IT Update

Olympus Phase II—Care Transformation

Phase I of our Olympus EHR (electronic health record) is complete. We have been live since May 2003 with the following applications:

- PowerChart Results Review and unstructured Clinical Documentation
- Enterprise Master Person Index
- Inbox and electronic signature (limited)
- EasyScript Electronic Prescription Writing
- Inpatient PharmNet – pharmacy system
- INet – Emergency Dept. Triage and Tracking
- aDT – registration when Allegra system is unavailable

Our most recent work (2004 and 2005) has included:

- New facilities, chartless facilities
- Retail Pharmacy with automation (Automed)
- Inpatient Pharmacy Automation
- Integrated Supply Chain Initiative (Phase I)
- IDX Scheduling interface to Olympus for specific clinics
- Document Scanning – Point of Care and Batch
- PowerForms – structured documentation
- Mediserve Documentation for Therapy Services into PowerChart
- Zeus – downtime results review
- Preparation for an upgrade to a new code base needed for next phases

As an organization, we are planning to move forward with the roll-out of the Olympus EHR with the eventual goal of a single, integrated EHR that is widely available at all times and in all care situations. This past January and February, Visioning Sessions were held with UUHSC executives and leaders to begin planning the next steps.

The group recommended that we name this clinical quality initiative **Care Transformation**. Care Transformation will be much more than simply automating the way we currently care for patients.

The following priorities for the next phase emerged out of the Visioning Sessions:

- Evidence-based Computerized Physician/Provider Order Entry (CPOE)
- Evidence-based Inpatient Nursing and Ancillary Documentation
- Electronic Medication Administration Record (eMAR)
- PowerPlans (a form of care plans, care maps, and critical pathways)
- ICU Documentation with bedside medical device capture
- Rules and Alerts

ITS along with executives, clinicians, and our vendor partners are gathering data and working to create a plan for Care Transformation and hope to kick-off the project during the summer of 2005. Ongoing data gathering, needs analysis, workflow analysis, scoping, and contract negotiations are in process now.

The project timeline from initial kick-off will be approximately 13 months to readiness for pilot with the above functionality. We look forward to working with all members of the UUHSC clinical team to truly Transform Care.

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WINS

PACS System Spotlighted in *Radiology Today*

A popular RSNA session given by Karen Jennings, RN, MS, and Bruce Reiner, MD suggested that PACS has crossed a threshold of acceptance. It's clearly not a luxury; it's an essential component of any modern facility's strategic mission. The message of the seminar is summarized in the February 2005 issue of *Radiology Today* in an article entitled "Paying for PACS—The Issue is How to Do it, Not Whether You Should." Read the complete article online at http://www.radiologytoday.net/archive/rt_022105p18.shtml

PACS is the University's Picture Archiving & Communication System used to view and review radiology exams.