



BITS AND BYTES

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A Newsletter from the UCHC Information Technology Department

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Exciting News for the Neag Comprehensive Cancer Center

The screenshot shows the MOSAIQ Sunnyvale Radiation Oncology 2.10M7 interface. At the top, it displays the patient's name, Anderson, Ron, with MR#: 90001. Below this, there are tabs for Orders, QCL and Diagnosis, Documents & Images, and Notes. The Orders section is active, showing a table of orders with columns for Order Description, Type, Stat., Start Date, and Ordering Physic. The table lists several orders, including Simulation 3 Dimensional, Basic Radiation Dosi..., Prostate Specific Anti..., Urinalysis, Automate..., and CBC with Differential. The Patient QCL section is also visible, showing columns for Due Date, Actual Date, Patient, and Procedure. At the bottom, there is a Diagnosis and Problem List section with columns for Dx Date, Dx Code, Dx Description, Laterality, T, N, M, Stage, Dx Type, Morphology Code, and Morphology De.

The Carole and Ray Neag Comprehensive Cancer Center is about to begin an exciting endeavor that will take them from the paper record world to an electronic medical record system called MOSAIQ. The Radiation Oncology department has actually been using the MOSAIQ Radiology system for more than a year now and is nearly paperless! The new project will focus on implementing the complete set of MOSAIQ Medical Oncology system components to fully integrate the documentation and treatment planning of each cancer patient across all treatment areas. MOSAIQ, which is ICD10 and Meaningful Use certified, offers hundreds of care plans and quality checklists designed to support our providers in delivering the highest quality care to our patients.

The project, estimated to complete over the next 15 to 18 months, will formally kick off in mid-October. It will involve a multi-disciplinary team comprised of cancer care providers, Nursing Informatics, pharmacists, business, laboratory, radiology, and IT staff. Project activities will include installation of new hardware, a full upgrade of the current MOSAIQ Radiation Oncology Module, development of many new system interfaces, extensive workflow planning, and a great deal of testing throughout.

For more information, please contact Ingrid Napoletano at X4756.

Student Experience Log Gets a Facelift!

The Student Experience Log has a whole new look for the 2012/2013 Academic Year. To satisfy requirements for graduation and for medical school accreditation, all medical students need to experience encounters with similar types of patients. Student Experience Log tracks requirements maintained by medical school administrators and allows students to enter details of their clinical encounters from the Health Center, home or via their mobile device. Based on student feedback, we gave the application a completely new look and feel so logging patient encounters is as quick and easy as possible. Improved screen navigation, 'remembering' previous selections and easy to view progress are just some of the improvements. It even includes support for Student Continuity Program logging requirements which were not available previously. For more information, please contact Nancy Senick at 4789.



Dragon Voice Recognition Has Arrived!

UCHC is rolling out Nuance's Enterprise Medical version of Dragon speech recognition software. This version was designed exclusively for hospitals and large practices using EHRs and provides over 80 medical specialty and sub-specialty dictionaries, as well as special dialect settings that allow Dragon to recognize words that laymen can hardly pronounce, let alone spell.

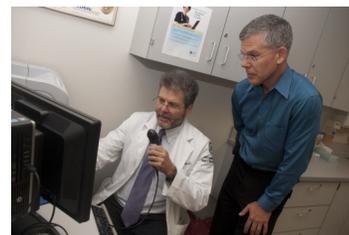
To use Dragon, there are some dependencies:

- ◆ Dragon software needs to be loaded on the computer being used (no thin client boxes)
- ◆ a high quality microphone is required (we are currently deploying the PowerMic II)
- ◆ the user must be added to Dragon and given a license
- ◆ the user must partake in training
- ◆ Nuance Dragon products, including Dragon Enterprise Medical do NOT work on Macs.

Dragon is being implemented for use by providers using UMG's NextGen outpatient EHR. For JDH providers, Dragon will be rolled out in conjunction with the Physician Care Documentation project.

In just the first few weeks, provider response has been overwhelmingly positive. It's amazing to see the capability of the Dragon's software to recognize and translate the spoken word to text, regardless of factors such as an accent, gender, soft-spoken versus loud voices or noisy environments. Training has consisted of an initial 2-hour or less session, which is followed up 2-3 weeks after the initial training session with a shorter session.

For more information, please contact Chris Carroll at x7125.



Dr. Lafreniere, UMG Medical Director & Todd Jackson MHA, RN UMG -Clinical Informatics

New Technology Direction for Dental School

The School of Dental Medicine recently went live with the **MiPACS Dental Imaging System** (June 2012), with full implementation across all clinical areas now underway. The PACS (picture archiving communication) system allows for the acquisition and storage of digital radiographic images. The system is linked to the current Quick Recovery (QR) Dental Information System and allows providers to easily access patient digital images directly from QR.

In addition to MiPACS, IT is working with the Dental School to implement the **axiUm Dental System** by July, 2013. The axiUm Dental System is used by 75% of North American dental academic institutions. Unlike the QR system, it is a true electronic health record system which includes a comprehensive patient scheduling module, treatment planning, patient and faculty portals, evaluations and grading, patient billing, and electronic submission of prescriptions. It also includes the HiTech certification module, which will enable the School of Dental Medicine to achieve Meaningful Use compliance and in turn to receive meaningful use incentives.



For more information, please contact Claudette Shalagan at x4706.

ARB Goes Wireless

During July, IT infrastructure kicked off a network project to add wireless connectivity throughout all floors in the Academic Research Building (ARB). Now researchers in the ARB are supported by the most current up-to-date enterprise wireless technology available. In addition to increasing wireless connectivity capabilities, all of the building's wired connections were upgraded to exponentially expand data transport capacity (up to 1GB) at ten times the previous speed. We would like to acknowledge the Health Center Research Advisory Council (HCRAC) for their funding and support for this project. For more information please contact Bud Burke at x3593.



BYOD: Bring Your Own Device

The IT Department has recently updated the Mobile Computing Device (MCD) security policy (Policy 2008-03), expanding its scope to include additional protections necessary for personally-owned MCDs in accordance with HIPAA regulations. We will be implementing a service to allow personally owned smartphones to connect to the UCHC Exchange email system, while maintaining an appropriate level of security on the device. Most notably, this new service from MobileIron will require password protection or a pin on any personally owned device that accesses UCHC electronic information. Testing is underway with the objective of putting this service into place starting in November 2012. A grace period will follow to give those utilizing the new service time to get the required software set up on their smartphones. Starting in December 2012 all devices connecting to our email system will be required to have MobileIron on their phone. Any device which does not have this software, or does not meet the minimum requirements will not be allowed to access UCHC email. Stay tuned for more information in the next issue of Bits and Bytes. For more information, please contact Jon Carroll at x 3528.



IT Website: New and Improved!

A new and improved IT website was launched in May 2012. The new website offers updated and relevant information on IT resources and services, feature stories, streamlined navigations, notices of upcoming systems upgrades, and outage alerts. The site is updated daily.

Visit the new it website at <http://it.uchc.edu>

While on the site also check out http://it.uchc.edu/products_services/help_desk/BuySoftware.aspx. It contains a complete list of **K2 Titles**, such as SPSS, SAS, Matlab and more, along with instructions on how to download at no cost. In an effort to achieve cost savings and better track software utilization, the Software Licensing Group (SLG) at UConn-Storrs has negotiated with vendors of a number of popular scientific software titles to offer them free of charge (on University-owned computers) to all employees and students at the University of Connecticut and its regional campuses (including the Health Center). For more information, please contact Khamis Abu-Hasaballah at x8141.

Security Tip

The Health Center Information Security Office reminds all account holders that it is a policy violation to share their password with anyone, anywhere. This means that UCHC passwords should not be written or saved on computers at work or home. Account holders should also lock the screen or logoff all UCHC systems and screens when leaving a computer unattended at work or home. Our patients, students, and employees expect us to keep the information they entrust us with secure- no matter where it is accessed from.



ABOUT BITS AND BYTES

BITS AND BYTES is distributed periodically by the Information Technology Department. Submit suggestions to the email address below.

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