

NIH Clinical Center CIO Newsletter

June 2008

30th Edition

This is the thirtieth edition of a monthly broadcast email to the CRIS user community about CRIS capabilities and issues. In addition to the text version in this email, I've attached a PDF version that can be printed. I look forward to receiving your comments or suggestions at CIOnewsletter@cc.nih.gov. In addition, valuable information can be accessed at the CRIS and DCRI websites: <http://cris.cc.nih.gov>, <http://www.cc.nih.gov/dcrl>.

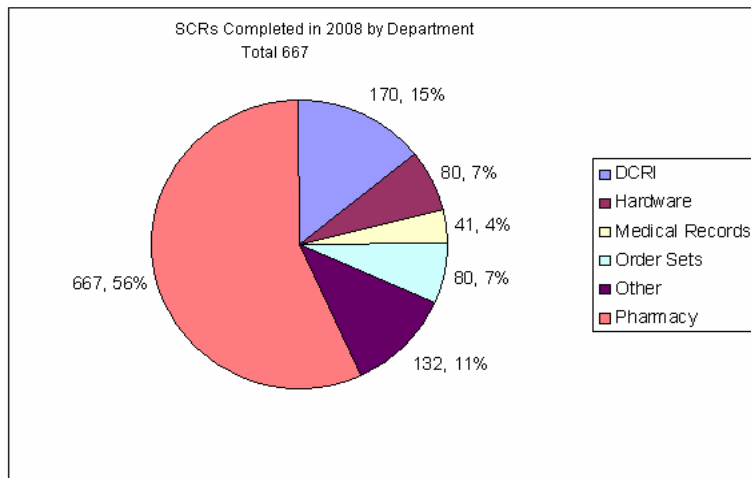
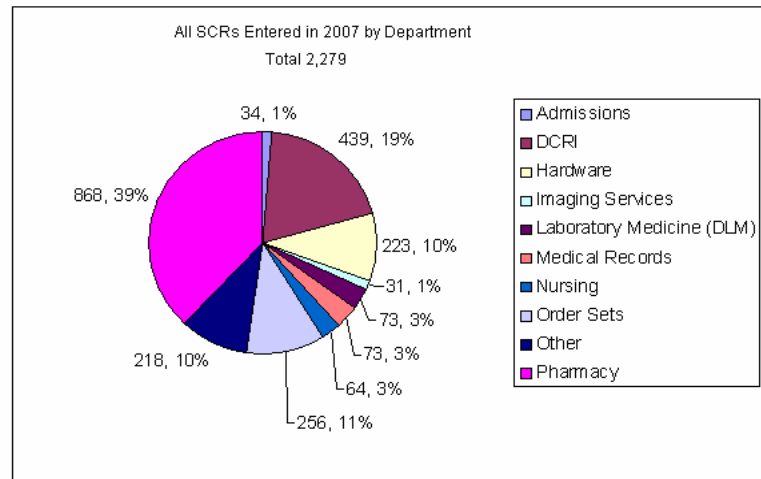
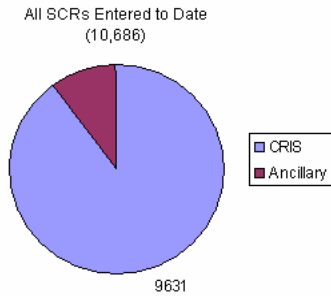
Topics of the Month

- CIO Remarks
- Pharmacy Go-Live
- Data Center Move
- Dr. Steve Luxenberg
- Documenting A Patient Expiration in CRIS
- PET Research Order
- Security Requirements: New Password Policy
- User Training

CIO Remarks

Since CRIS went live August 22, 2004 there have been 99 scheduled releases at an average of 40-60 changes per release for a total of 10,686 requests. In general, most departmental requests are for changes to orderable items (such as forms and fields) and are submitted through specific individuals or committees (i.e., NIS for Nursing requests).

The vast majority of these changes (39%) were from the Pharmacy Department, followed by Nursing (3%) and Laboratory Medicine (3%). 11% of the requested changes came from PI's requesting new or updated protocol order sets. The graphs below show the percentage of all completed changes since August 22, 2004 and for the last year.



Changes to CRIS are scheduled on a bi-weekly basis known as “releases.” The scheduled release cycle ensures that all changes follow a controlled and documented process of Change Management. Each request is analyzed, approved and developed. Following development, changes undergo unit testing, functional testing and regression testing and after passing each of these stages are moved to our production environment.

In all cases, requested changes, must have departmental, PI, or other appropriate approval before they can be built in CRIS. A form for requesting changes to protocols or others aspects of CRIS is available from the CRIS web site <http://cris.cc.nih.gov/changes/orderset.html> This form can be completed and approved by the appropriate person in your area and then submitted via campus mail to DCRI, Building 10, Room 1C290. Please contact the CRIS Support Center at 301-496-8400 if you have any questions about requesting changes in CRIS.

CRIS is **Your** system, please use **Your** voice to identify improvement opportunities.

Pharmacy Go-Live

Phase I of the Pharmacy System went live the weekend of May 31, 2008. The activation was a great success based on the dedication of many people throughout the Clinical Center. We would like to thank the Pharmacy Staff, DCRI staff, all of the ancillary departments, all the CRIS users working during the down and those who re-entered orders into CRIS after the down.



Phase II activation of the Eclipsys Sunrise Medication Manager (SMM) is planned for Saturday, July 12th 4pm – 10pm. Phase II includes all items dispensed from the Intravenous Admixture Unit Area (piggybacks, drips, PCAs, etc). Current inpatient and clinic medication orders for these items will need to be discontinued and re-entered so they can cross into the new Pharmacy system. Pharmacists will re-enter the required orders with quality assurance checks by other pharmacists, nurses, and prescribers. Co-signature for these orders will be required. Future Outpt/Pre-Admit orders – Orders entered **prior** to 7/12 for use **after** 7/12 will

not work when released. DCRI will identify any such “Future” orders in CRIS and work with prescribers to re-enter orders as needed.

Data Center Move

The NIH Clinical Data Center is moving! Located on the B1 level of old Building 10 for 20+ years, the data center has outgrown its current space. The data center currently houses many IT systems that are critical to the CC and NIH community (e.g. CRIS, Nutrition, Surgery, Pharmacy) and also performs many behind the scenes functions.

Though the current location has served its purpose well, during the exponential leap in information technology, the data center has grown from supporting a single mainframe to housing over 400 systems. The large amount of equipment brings an increased demand for power, cooling and physical space. The new data center is being designed to accommodate current demand and the anticipated growth of IT systems.

The new data center is currently under construction on the B2 level of the Clinical Research Center (CRC) and will have a minimum 10-year lifespan. Designed to current industry standards, it will provide a safe, redundant and reliable infrastructure to host clinical and support systems. Construction is scheduled for completion in the spring of 2009. The physical move from the old to the new site will occur immediately after.

The actual migration of the IT equipment will begin immediately following the data center activation and will take place using a phased approach (i.e. small sections at a time). Planning for the data center migration has included redesigning existing systems and designing new systems to be as fault tolerant as possible using server virtualization and server clustering technologies. The primary goal of the actual migration of equipment is to present minimal downtime of any system to the user community.

Dr. Steve Luxenberg

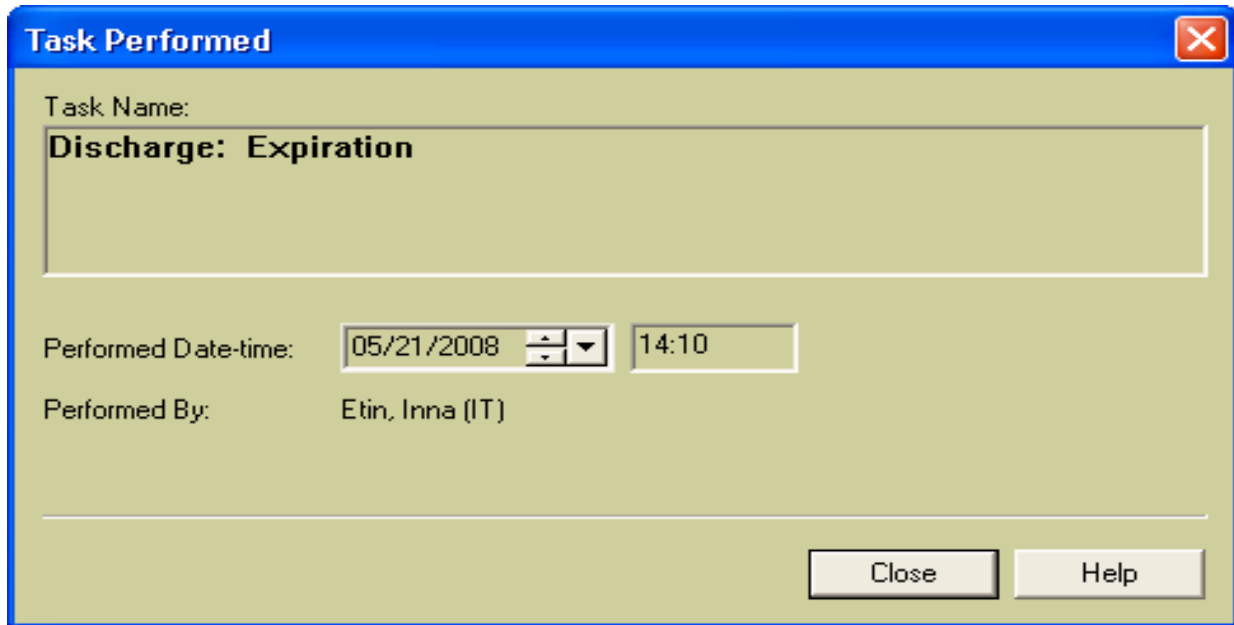


Farewell to Dr. Luxenberg

Dr. Steve Luxenberg, Deputy CIO, Clinical Informatics, left DCRI June 30th. Over the last five years, Steve contributed critical leadership for the success of CRIS/SCM both for its activation August 22, 2004 and through multiple upgrades. He worked many hours day and night to understand the needs of the users of CRIS and the capabilities of SCM as well as to develop creative ways to meet user needs. He understood the critical role DCRI systems play in support of the Clinical Center and its mission of patient care and research and encouraged all DCRI staff to share that vision. Dr. Luxenberg has accepted a position as the Chief Medical Information Officer at the Piedmont Hospital Complex in Atlanta, Georgia.

Patient Expiration in CRIS

If a patient expiration needs to be recorded in CRIS, depending on the admission status (Inpatient or Outpatient) of the patient, follow one of the procedures below. If the patient is an Inpatient in CRIS, a prescriber enters a Discharge: Expiration Order and a nurse completes the Expiration Note and marks the task on the Worklist as done.



Task Performed

Task Name:
Discharge: Expiration

Performed Date-time: 05/21/2008 14:10

Performed By: Etin, Inna (IT)

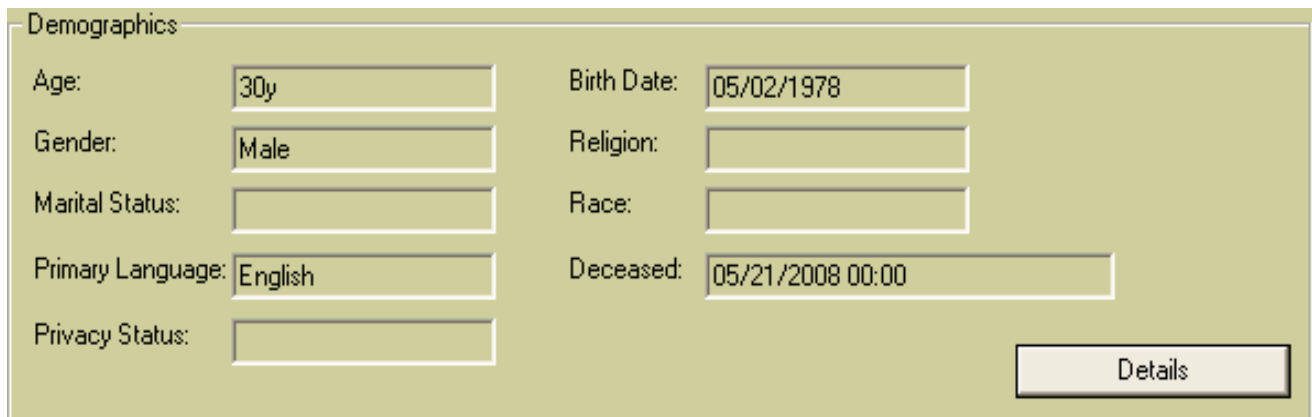
Close Help

This will discharge the patient to an Expiration Visit in the system, and update the CRIS Header to include a date of death.



REGMAY, PATF NMN 42-50-15-1 / 080521203591 30y (05/02/1978) Male
CC-MEDRC Unreviewed Allergies Rosenberg, Steven Patient died on 05/21/2008.
Chief Complaint: NONE

The deceased date will also be listed on the Patient Info tab, under Demographics/Visit Data.



Demographics

Age: 30y Birth Date: 05/02/1978
Gender: Male Religion:
Marital Status: Race:
Primary Language: English Deceased: 05/21/2008 00:00
Privacy Status:

Details

If the patient is an Outpatient, contact the Medical Record Department (301-496-2292) and notify them of the date of death and the location of death (if known). Medical Records can then enter a CRIS order on the patient which will discharge the Outpatient visit to an Expiration visit, and update the CRIS header to include a date of death. The details of the death outside the Clinical Center can also be documented in the Expiration Note. This note is listed on the Nursing section of the Document Browse but could be entered by any CRIS user who receives the information.

The screenshot shows a web-based form titled "Expiration Note - Structured Notes". The form is divided into several sections. At the top, there are fields for "Authored:" with radio buttons for "Date" and "Now" (selected), and a date field showing "06/02/2008". Next to it is a "Time:" field showing "10:38". Below this is "Authored By:" with radio buttons for "Me" (selected) and "Other", and a "Source:" field. There are also "Co-Signatures:" fields. A "Flag As:" section includes checkboxes for "Incomplete", "Results Pending", and "Priority". A "Modify Acronyms" button is on the right. A left-hand navigation pane lists categories like "Post-Mortem Care", "Disposition of Patient Belongings", and "Expiration Outside the Clinical Center". The main content area is titled "Notify MRD at 301-496-2271 to Discharge Record" and contains fields for "Name of Person Reporting Death", "Relationship to Patient" (with radio buttons for Parent, Child, Sibling, Primary Care Physician), "Location of Death" (with radio buttons for Home, Local hospital, Residential hospice facility), "Date of Death" (with a date picker), and "Additional Information".

If the patient is of another visit status (e.g. Retired, Inactive, Pre-NIH Reg, etc.), contact the Medical Record Department (301-496-2292) and notify them of the date of death and the location of death (if known).

PET Research Order

Several changes have been made to the PET Research (PETR) Order Forms to help streamline the ordering process. These changes include addition of pre-filled isotopes for each exam, declarations, subject type, and other specific information that was formerly contained on a separate printed document that had to be completed in addition to the CRIS order. Prescriber contact information is also automatically added to the order in case the radiopharmacist needs to follow-up on the request

Security Requirements

Clinical System Passwords to be Renewed Every 60 Days

In order to comply with a recent update to the NIH Password Policy, DCRI Staff are in the process of resetting all CRIS password expirations from 90 to 60 days. This will occur over the next month. CRIS users may notice that the prompt to change their password occurs more frequently. We appreciate your cooperation.

Sharing CRIS Codes

The security of your Clinical Research Information System (CRIS) code is a very serious matter. The Medical Executive Committee mandates serious sanctions if practitioners are identified as having shared their codes. These sanctions involve (at a minimum) mandatory

suspension of your CRIS code and mandatory CRIS retraining. In addition to these mandatory penalties, the Medical Executive Committee may impose additional sanctions, including suspension of clinical privileges or termination of employment. Sharing your code is equivalent to allowing someone else to use your signature, with the substantial personal and institutional liabilities that behavior might entail. Maintaining the security of your code protects our institution, our staff, and our patients. These codes simply must not be shared. For those of you who need to obtain a code to enter CRIS, you must first take mandatory CRIS training. CRIS prescriber training is available online (see next article) or in the classroom twice a week, typically every Monday and Thursday. To obtain a CRIS code after training has been completed, a valid NIH ID badge is required.

The CRIS Password Security Policy (Medical Administrative Series policy M05-4) outlines the requirements for password security as well as the penalties for violating the policy. The complete policy may be viewed at: <http://internal.cc.nih.gov/policies/PDF/M05-4.pdf>

User Training

Prescriber Online CRIS Training Update

The prescriber online CRIS training has been a great success. Congratulations to the thirty-one prescribers who have successfully completed the CRIS online training program! DCRI is in the process of surveying those persons who have finished this course in order to better plan for future training improvements. If you have not heard from us already, please contact CRIS Support at (301) 496-8400 to share your firsthand experiences with the online training. For additional information about the online instruction, please see:

http://cris.cc.nih.gov/prescribers/CRIS_Training_Instructions_Prescriber_Online_3_31_08_Final.pdf

Summer Semester Course Calendar

The summer semester course calendar for CRIS training will be posted by mid-June. The summer schedule will include courses offered from July through September.

To register for training: <http://training.cit.nih.gov/courselst.asp?lname=cris>

Helpful Resources

The CRIS User Manual is an available resource for CRIS users that is easy to use and understand. The Manual covers topics such as entering orders, viewing information, and CRIS reports. Check it out at: http://cris.cc.nih.gov/procedures/cris_user_manual.html