

CIO Newsletter

August 2006

This is the seventh 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.

Topics of the Month

- CIO Remarks
- Admitting Inpatients
- ADT Functionality
- Perioperative Information System (POIS)
- PROSOLV: Echocardiogram Results in CRIS
- Pharmacy Order Modifications
- Signature Manager
- New Nutrition Order: Calorie Count
- Security and Confidentiality
- CRIS User Training
- Practicing in CRIS

CIO Remarks

Tuesday, August 22, marks the second anniversary of CRIS. Time really does fly! We've come a long way since those early days with this system, including the move to the CRC last year, the upgrade in software in January of this year, and another major software and hardware update in the works for early 2007. We in DCRI look forward to bringing you many more enhancements in the months and years to come. Your questions, comments, and suggestions for CRIS are always welcome – please write to us at crishelp@mail.nih.gov.

During the last month based on preparing for the new Admissions Discharge Transfer (ADT)/Patient Registration System rescheduled for Fall 2006, the need to apply multiple Microsoft security patches, as well as multiple Eclipsys patches has resulted in several scheduled system downs. A down requires a lot of coordination and planning starting with all of Clinical Center Departments, CRIS users throughout the Clinical Center and Institutes, and the vendor. In addition, the workload for a down requires the cooperation and dedication of everyone. For instance, a down of the interfaces between CRIS SCM and the Laboratory Information System for any stat items ordered or any items collected during the down requires writing down the request manually, submitting the specimen to the Department of Laboratory Management, the ordering being entered into CRIS/SCM and then the processed specimen and the new CRIS/SCM order matched to allow the result to post in CRIS/SCM.

I would like to thank you all for all your patience, cooperation and work during these downs. A special

thanks staff within DCRI for coordinating the notifications for the down, planning the work and performing the work; the Department of Nursing, all Prescribers, all of the NIH Clinical Center Departments with systems that interface to CRIS including Radiology Information System, Department of Laboratory Medicine: Laboratory Information System, Pharmacy Department: Investigational Drug Management System (IDMS), Department of Transfusion Medicine: Blood Bank System, Department of Critical Care Medicine: EKG System, Medical Records Department: Transcription System, Department of Anesthesiology, Surgical Services: Perioperative Information System and Ambulatory Care Services: Scheduling, Pharmacy Department: PYXIS, and the Nutrition Department: CBORD Nutrition System.

Admitting Inpatients

Please remember to send your patients being admitted to the Clinical Center as inpatients to Admissions **BEFORE** they go elsewhere for any testing or examination (e.g., lab, radiology). This is important for both admissions and orders management in CRIS, as well as for the departments performing testing.

ADT Functionality in CRIS

Patient admission, discharge, transfer and registration (ADT) functionality was to be moved off the old MIS and onto a new application within CRIS in early August. However, during final testing, just prior to implementation, a significant technical issue was found which must be resolved before ADT can go live. We are working with the vendor to find a solution as soon as possible. A new go-live date has yet to be determined. Watch for further announcements.

POIS: Pre-Admit Patients in SIS Web

Newly registered NIH patients were not in POIS when the system was implemented on June 5th. This oversight has been corrected. Pre-admit patients were added on July 25th in response to users who requested the ability to schedule off-site anesthesia procedures during the patient's first visit at NIH. We would like to hear from anyone unable to find his or her patient(s) in SIS Web. Please contact Nova Little at 301-451-9404 or Sue Martin at 301-496-4240.

PROSOLV: Echocardiograms in CRIS

An interface between ProSolv and CRIS will be activated on September 6th. This enhancement will allow echocardiogram results to be viewed under the "Results Tab" and is the first of many projects designed to automatically bring additional data from other clinical systems into CRIS.

Please be aware of the following changes.

- Results for echocardiogram studies, performed after September 6th, will be found under the "Results Tab".
- The current order form for echocardiogram studies will no longer be available. Studies will be ordered using one of three separate orders: Echocardiogram Stress, Echocardiogram Transesophageal and Echocardiogram Transthoracic. All three studies will appear in the "Order Browse" under "Cardiology > Echocardiogram". One specific study will need to be

selected from the three available forms before placing an order.

- All previously entered orders dated to occur after September 6th will be re-entered by Cardiology Staff using the appropriate new form. Please do not enter any additional future orders, dated after September 6th until the new order forms are available.

Pharmacy Order Modifications

Changes have been made to CRIS that facilitate the Pharmacist Order Review Policy. This policy allows pharmacists to correct a limited set of order entry omissions/errors without calling the prescriber. The policy can be found on the Pharmacy Home Page under 'CC Formulary and Drug Information' at:

<http://internal.cc.nih.gov/formulary/pdf/NIH%20CC%20Pharmacy%20Policy%20190%20Pharmacist%20order%20review.pdf>


Some of these corrections will be done through the 'Modify' mechanism and some will be performed through the 'DC/Cancel/Reorder' mechanism. You will not be required to countersign orders changed through the 'Modify' mechanism. Orders that are changed through the modify pathway are identified with a clipboard icon to the right of the order when looking at the order under the Orders tab. You can view what was modified in the order by looking at the modification history (on the Orders tab, right-click on the order and select History → Modify).

Orders that are changed through the 'DC/Cancel/Reorder' mechanism require a co-signature in the same manner that any order entered as an 'agent for' does. These will be entered as 'Requested by' the original prescriber with a 'Source' of 'via Pharmacist Order Review.'

Overall, implementing this policy should reduce the number of phone calls you receive and the number of orders that you need to countersign.

Signature Manager

Speaking of countersignatures... Prescribers - did you know you could sign multiple orders for multiple patients at one time in CRIS?

Selecting the **Signature Manager** icon  on the tool bar allows you to quickly view and sign all orders on all patients currently awaiting your signature when entered into CRIS on your behalf by another provider. For more information about this function, please visit the CRIS website at <http://cris.cc.nih.gov/prescribers/index.html>

New Nutrition Order

There is a new order form called "Calorie/Nutrient Count" available in CRIS. This is an order to the Nutrition Department to perform a Calorie and/or Nutrient count for a patient. It replaces a checkbox previously found in the Nutrition Consult (Research) order form. If the assessment is needed for a known interval (e.g. one week), there is a "Stop On" date selection available.

All protocol order sets affected by this change have been modified as appropriate.

Security and Confidentiality

IT Security is everyone's responsibility to ensure that NIH computers are kept safe and that we do not intentionally go anywhere on the Internet that might expose them to a virus or malware.

Everyone at the Clinical Center with computer access must complete the IT Security Awareness Training, along with yearly refresher courses. If you have not completed these, please do so at <http://irtsectraining.nih.gov/>

This year the refresher course presented information about the NIH "Rules of Behavior" (<http://irm.cit.nih.gov/security/nihitrob.html>). If you have not had a chance to review them, please take a few minutes to do so, you may find them interesting.

Two very good NIH websites for IT Security are the NIH IT Security website @ <http://cit.nih.gov/security.html> and the NIH Antivirus website @ <http://www.antivirus.nih.gov/>

Please check these from time to time for information that will help you keep your computer safe.

CRIS User Training

The Department of Clinical Research Informatics now offers a **CRIS Open Course** option for all new staff. This class can be selected as an alternative to the other course listings. Four different sections will be held during a single three-hour time period. Staff should attend the specific section that is required for their particular job responsibilities. The four **CRIS Open Course** sections are: Introduction to CRIS, CRIS Prescriber Training, CRIS Non-Prescriber Order Entry, and CRIS Clinical Documentation. Staff should register for **only one section** on a single date or time. **CRIS Open Courses** begin on July 20, 2006 and will be offered bimonthly.

Registration for all CRIS classes is available on-line through the CIT Training website: <http://training.cit.nih.gov/>. For questions regarding registration, please contact the CIT Help Desk at (301) 594-6248 or CRIS Support at (301) 496-8400.

Practicing in CRIS

There are no test patients available for providers to "try out" functionality in CRIS. However, there ARE several real patients on whom staff has entered orders and documentation, thinking they were test patients. Please don't be one of them! If you wish to experiment with CRIS functionality, please do so in the CRIS practice environment, which can be accessed via the Casper Standard Clinical Desktop (<https://casper.cc.nih.gov>), under CRIS Training. For a prescriber view, enter the user ID of prescriber01, with a password of aaaaaa (six a's). For all other users, enter the user ID of chart01, with a password of aaaaaa (six a's). Please contact the CRIS support center at 496-8400 with any questions on this topic.