

NIH Clinical Center CIO Newsletter

May 2007

17th Edition

This is the seventeenth 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
- New Change Protocol Assignment Order
- Citrix Update
- Physician Progress Notes in CRIS
- Medical Record Forms Conversion
- New Medical Record Forms Development Process
- Pharmacy: Boxed Warnings & Item info Update
- Security Update
- User Training

CIO Remarks

The ability to come to work and to make a difference is a very important characteristic of any job. As part of CRIS enhancing the electronic medical record through adding interfaces to interface data such as from systems such as Prosolve and Viasys from NHLBI, working with users and enhancing the use of CRIS and performing upgrades such as the Nutrition System CBORD to allow increased functionality makes the work have meaning. The ability to perform this work in a collaborative team makes work very exciting and productive.

Below are pictures of four successful teams in which major accomplishments in the Month of May. The Nutrition CBORD Team successfully completed an upgrade of the Nutrition system in May to provide increased functionality of the Nutrition system. The NHLBI-CC/DCRI Viasys Team implemented Phase I of interfacing results from the NHLBI Viasys System to CRIS/SCM. The CCMD-DCRI Team recently recognized for collaborating since the implementation of CRIS/SCM August 2004 to review and implement opportunities to improve the use of CRIS/SCM within the CCMD. The final picture includes the many DCRI staff that have worked on solutions defined by the CCMD-DCRI Team.

I would like to thank the members of these teams and congratulate them on their successful accomplishments.



Members of the Nutrition CBORD Team



Members of the NHLBI-CC/DCRI Viasys Team



Members of the CCMD-DCRI Team



DCRI Staff that worked to complete tasks identified by the CCMD-DCRI Team

New Change Protocol Assignment Order

When entering requests to the Medical Record Department to add a patient to a protocol, remove a patient from a protocol, or change a patient’s visit reason protocol, there is now a single order to use, called **Change Protocol Assignment**. This order is the one-stop shop for requests to modify patient protocol information, where previously there were seventeen institute-specific orders for this purpose.

To use this order, it is first necessary to select a protocol institute, and then to click on a new field, after which the institute-specific protocol lists will display. Make sure to scroll down to the bottom of the order form to see all of the fields for the three types of request, which are:

- Remove Patient from Protocol
- Add Patient to Protocol
- Change Current Visit Reason

Each section contains a checkbox to identify the action to be performed for the patient in question. Checking off the checkbox will cause associated fields to become mandatory (appear with red asterisks) which are required to be completed before the order can be submitted for processing. For instance, if “Remove Patient from Protocol” is checked off, and the institute selected was NIMH, this will cause the “Effective Date of Removal”, the “Reason For Removal”, and the NIMH-specific list of protocols to be set as mandatory fields which must be completed to ensure that all necessary information is provided to Medical Records so that the request can be processed and completed.

Actions Requested: Please use the checkboxes provided below to identify the specific protocol changes you wish to make. Select all that apply.

Protocol Institute Instructions: Select the Institute which corresponds to the Protocols that are to be assigned to the patient. The dropdown list of protocols for that specific Institute will appear below once another field is selected.

Protocol Institute: NCI

Remove From Protocol Instructions: You may also use the information in the "Add Patient To Protocol" items that follow removal to enter a patient onto another protocol directly from within this order.

Remove Patient From Protocol: Effective Date of Removal: * Reason For Removal: * NCI: *

Add Protocol Instructions: To place a patient on a protocol, you must have completed the protocol consent prior to entering this order. By entering this order you will be certifying that the consent process has been completed for the protocol specified in the order.

Add Patient to Protocol: Effective Date of Addition: Reason For Addition: NCI:

Change Current Visit Reason Instruction: The Visit Reason Protocol is that protocol specific to the patient care given during a particular Inpatient admission or Outpatient visit(s). The Visit Reason term replaces the Primary Protocol, but the two are synonymous.

Change Current Visit Reason: Effective Date of Change: Reason For Change: Status of Previous Visit Reason: NCI:

Special Instructions:

Figure 1: Protocol Assignment Order

Citrix Update

The Clinical Center (CC) has begun upgrading the Citrix environment. This environment provides access to many clinical applications that are critical to the CC and other NIH Institutes. Some, but not all, of the applications include:

- CRIS/SCM
- CBORD/Nutrition systems (May 16th)
- eSphere
- Microsoft Office, including Word, Excel, PowerPoint, Outlook, etc
- POIS
- Softmed/ESA (early June 2007)
- Softpath/SoftLab/SoftBank/SoftMic, and many more

The new version has many new features that improve: use, access, application security, and compatibility with other applications. The CC Department of Clinical Research Informatics (DCRI) will be leading this project.

To reduce disruption to users, we have planned between 3-6 weeks to perform development, testing and implementation of each application that will be migrated. DCRI will coordinate each move with related application administrators and users to ensure a smooth transition. The migration process will occur over the next several months and little or no downtime is planned. However, you should anticipate some changes. CC Citrix applications in the new environment will be accessed using a web browser (similar to the current “Casper” web site). The new URL address is: <https://cccasper.cc.nih.gov>. Information concerning how to access applications through the new URL/address will be provided in a phased process as they are migrated.

Please contact Judy Wight (email: wightj@cc.nih.gov) or CRIS Support Center at 301-496-8400 for assistance or if you need clarification.

Physician Progress Notes

A small group of physicians has volunteered to pilot two new progress notes in CRIS starting in June. The purpose of this pilot will be to provide feedback on the two notes to:

- Assess their ability to support clinical workflow
- Capture necessary data
- Determine ease of use
- Determine readiness and a methodology to roll-out house wide

The pilot group of physicians will be the only ones who have access to these notes during the pilot, but all users will be able to view them on-line. They will be instructed to print out their notes and place them in the medical record as they currently do. This way other care providers can access these notes either in CRIS or in the hard copy chart as usual.

Medical Record Forms Conversion

Another phase of the Medical Records Forms Project has been completed with implementation of several new forms in CRIS during April and May.

Report of Radiologic Procedures – This structured note can be found by selecting the Enter Documents Icon and from within the document browse. A small group in the Special Procedures Section of Radiology uses the note. Information is entered using this form for patients undergoing special procedures and can be viewed under the **Documents Tab** for Imaging Sciences, Interventional Radiology.

Tumor Measurements and Response & Tumor Measurements/ RECIST Criteria – These flow sheets are available under the **Flow sheet Tab** using the Flow sheet Selection ellipsis button to add the form to the patient chart. They are only available for use for patients on the Oncology Inpatient/Outpatient Units (3NE, 3NW, 3SES, 3SEN, OP12, OP13 and OP3).

Blood Glucose Management Flow sheet – This flow sheet is available under the **Flow sheet Tab** using the Flow sheet Selection ellipsis button to add the form to the patient chart.

Call CRIS Support (301-496-8400) for technical assistance. Information about the documents implemented in CRIS or under review is on the CRIS Website at: <http://cris.cc.nih.gov>

New Medical Record Forms Development Process

The Medical Record Committee and Medical Record Department will be working with the Department of Clinical Informatics to evaluate requests for development of new forms. The purpose is to decrease the number of new paper documents by creating an electronic form in CRIS where appropriate. Requests for new forms will continue to come to the Medical Record Department and departmental staff will guide requestors through the new process. For any questions contact Tricia Coffey at 301-496-2292.

Boxed Warnings and Item Info Updates

Starting in June 2007, **Boxed Warning** information from the FDA product labeling will be available for all formulary medications available for ordering in CRIS. Items with **Boxed Warning** information or other important safety information will display in the browse with an icon () to the left of the name as shown on the screen shot below or with the warning text under the medication name. Clicking on the icon will show the text of the warning message. Clicking on the **ITEM INFO** button will display the link to the full text of the 'boxed warning' information.

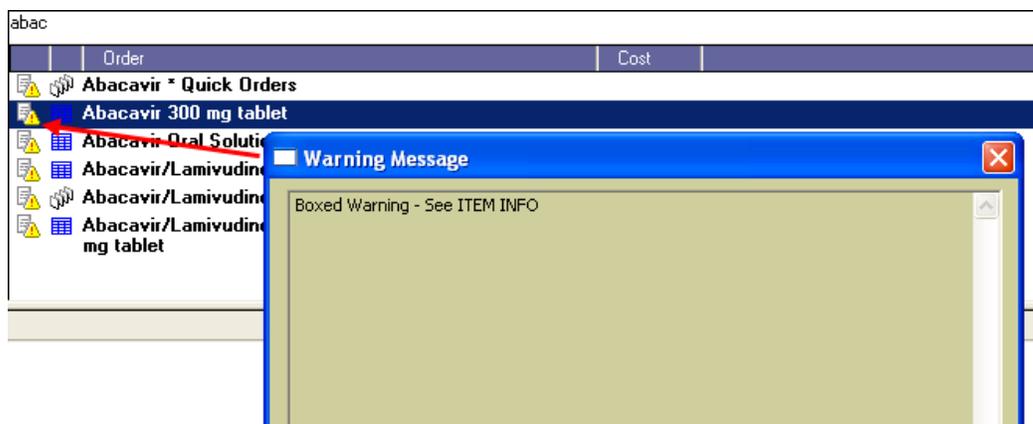


Figure 2: Boxed Warning

Security Update

It is time for the annual OMB mandated security awareness training. This training is required for all staff with an active directory (AD) account (e.g. uses e-mail, VPN, NIH network); otherwise, it is optional. In addition to employees, contractors and fellows, the requirement now includes guests, tenants, and volunteers to take the on-line security awareness training. If you are receiving this email, you must take the training.

You will be pleased to know that the FY07 Refresher is still 14 screens long, has some new graphics, and has been updated to address PII (personally identifiable information), hidden data, and some of the OMB M-06-16 requirements (encryption, remote access and privacy).

The Security Awareness Training website including training modules and Student Records is: <http://irtsectraining.nih.gov>. Staff can fulfill their annual Security Awareness requirement as follows:

1. Previously completed the Full Course: Only need to take the FY07 Refresher.
2. Never took the Full Course: Must take the Full Course and will be given credit for the FY07 Refresher. [Note: The program will not allow an individual to take the Refresher if the Full Course has not been completed]
3. Completed part of the Full Course: Can check their Student Record for missing modules and complete them. Staff still needs to take the FY07 Refresher.

Please complete this training by June 15, 2007 as we have to report the status to HHS.

User Training

The **CRIS User Manual** has been revised to include changes associated with the March 2007 upgrade to CRIS 4.5. The user manual is your resource guide to assist with all aspects of using the CRIS. Some chapters include the following topics: Policies, Security, Viewing Information, Entering Orders, Remote Access, Clinical Documentation and Protocol Management. The user manual can be accessed via:

http://cris.cc.nih.gov/procedures/cris_user_manual.html.

SUMMER FELLOW TRAINING

It's not too late to register new Prescriber staff for the Summer Prescriber Training session! There is still availability. Go to <http://cris.cc.nih.gov/index.html> to register now!