

CLUE Minutes –June 13, 2006

Attendees: Judy Tucker, Mary Pippen, Ann Butler, Karen Watson, Michelle Evans, Tracey Carawan, Joanne Tyson, Dana Mosier, Victoria Mayo, Barbara Williamson, Michelle Lang, Vicky Conyers, Karen Allen, Melissa Smith, Bobbie Bonnet, Cathy Rademacher, and Cyncere Neal

Clinical Content Info

New Clinical Content:

- **Peds Historical Data Entry(Draft):** Pending approval, a new form, found in the Pediatrics folder, will allow users to enter historical data from outside sources including heights, weights, BMI, and head circumferences. Also includes H & H, Lead screening/test, and TB PPD. (See attached) **Effective date: before July 06**
- **CCC Copy Homeloc:** form added to CCC templated in Family Medicine to automatically update license renewal warnings. **Currently available**


Revised Clinical Content:

- **Exam Geri multi-system-Foot Exam Revision:** Foot exam section is changed to remove the word 'Diabetic.' A radio button is added to specify when a diabetic foot exam is performed. The dropdown options for 'Sensation' are changed and linked to tactile findings. (See attached) **Currently available**
- **Outside Lab Entry:** found in the Adult General folder, is revised so that the form may be added to any update. To record lab results to the flowsheet, the entries must include the date of the test and result, then click button to 'Add.' (See attached) **Effective date: 6/19/2006**

Other:

- **Protocols:** The Preventive Service recommendations by age are in production. Pediatric immunizations for Hepatitis A, Menactra, and Tdap are added. Colonoscopy is added to adults with some changes in females for pap smears and mammograms. **Immunization Note: A repeat entry for Hepatitis #2 is not made when the Pediarix #2 is given since on 3 Hepatitis vaccines are required.**
- **Recording TB-PPD from outside sources:** The Pediatric Well Child Screen, Preventive Services Entry, and Immunization History forms are revised to include a method of documenting a TB-PPD result previously tested using the date of testing. To record to flowsheet the entries must include the date of the test and result, then click button to 'Add.' (See attached) **Effective date: 6/19/2006**
- **Date of Immunization Report to ensure record report is up- to-date: 5/16/2006 (bottom right corner of report)**

Tips of the Month and other Reminders

- **New call processing option for HISS:** The main line, 744-2030, is now automated with the following options:
Press 1 for Medical Records or Release of Information
Press 2 for Centricity support issues or questions and/or speak to a Centricity support staff member or Privacy Officer.
IF NO OPTION IS SELECTED THE CALL IS TRANSFERRED TO THE CONTACT CENTER.
- **Medication List Management:** Medications added to a patient's Medication List should be selected from a 'Custom' list or the Reference List and not entered or changed directly on the 'Define Medication' field so that drug interactions checks are possible. All of the medications on the Reference List and most on the 'Custom' lists are coded so that drug interactions are able to be checked. Manual entries may be made ONLY when a medication is prescribed that is not yet available through the Reference List. These are noted with an asterisk and should be reviewed and updated/changed when the coded medication is available. Updates to the Reference list are received and imported quarterly from GE Medical and are not under local control. An individual patient's medication list should be reviewed and updated at each encounter. Medications which have been completed or are no longer prescribed should be removed. Medication doses or instructions may be changed to avoid duplication. To avoid ongoing medications from being removed automatically from the patient's list, do not enter fields for 'Stop date' or 'Duration' (when a stop date is automatically calculated and entered).
- **Search patients:** Remember that most 'Search' patient modes are set to search 'Active' patients only. Users may remove the check in the box 'Search active patients only' to find inactive or deceased patients or patients deceased in error by IDX. The patient's status must be changed manually in Centricity when IDX has sent a deceased status that is not valid. Please call 744-2030 Opt 2 for that change.
- **Release of Information:** Written requests for patients' records should be completed in HISS and not by clinic staff. Copies of test results recently reported and documents recently created may be mailed to or given to patients by the provider ordering the test or composing the document. **All other requests for patient documents should be forwarded to Release of Information or other HISS staff member. Please note HIPAA status (Restrictions/Confidential Communications) on the right side of patient banner bar and if present, the associated document.**
- **Patient Identification for documents to be scanned:** Please include legible patient identifiers (full name, date of birth, and IDX MRN) on all documents to be scanned. Patient history forms should also be clearly identified for department of origin.
- **Cell Phone numbers:** Not currently imported from IDX. May be entered in the Registration Notes section.
- **Unsigned clinical list changes:** the 'lock' symbol notes that there are unsigned clinical list changes (problems, meds, allergies, or directives) for the document 'On Hold'.  Until the clinical list changes are signed for that document additional changes to these lists in future documents are not possible. Please remind physicians and mid level providers to check the 'Sign clinical list changes' box on the 'End Update' screen.
- **Exiting Residents:** Please urge graduating Resident users to complete and sign all documentation. Also urge preceptors to countersign these documents promptly.
- **Report Requests:** Reporting from Centricity is available. Please submit requests in writing using the 'Centricity/Health Information Request' form available on our web site: www.ecu.edu/hiss. Reports generally take no more than two weeks to complete. Please call Dana Mosier at 744-2030 Opt 2 if you have questions or special needs.
- **Custom List Changes:** Users are no longer able to change custom lists for Problems, Meds, and Orders. Requests for Problem and Med list changes can be made to Judy Tucker and Orders to Joanne Tyson in writing. Requests can always be made via flag directly to the users above or the 'Manager, Medical Record.'

Other Issues, Questions and Discussion

- **Backspace issue:** Reports by recent users in other sites describes problems with the backspace function in dropdown lists. Some users report being 'dropped' from Centricity when trying to backspace to change entry. Most commonly noted is that backspacing is not possible. Work around options include: 1) Selecting desired choice from list or 2) Highlighting the incorrect choice (left mouse click and hold mouse over choice) and then type the correct choice.
- **PCMH Transcriptions interface into Centricity: Pending** - Documents from PCMH, primarily Discharges Summaries, Admission History & Physicals, Death Summaries, and Operative Reports initially, will be directly interfaced into Centricity. Currently paper reports are received and often scanned before signature. Once the interface is implemented, these documents will be imported only after being 'signed' by the responsible provider in the hospital system so that access may be delayed. Paper copy distribution by the hospital will be discontinued. Access to 'pre-signed' reports will be available ONLY through the hospital system (SMS) or the PCMH Medical Records. The interfaced documents will not be routed to a provider desktop but filed in the patient's chart ONLY.

Where we're going...

- **Eastern Radiology: pursuing access to images and reports via internet link**
- **Orders – Quest interface**
- **Billing Orders pilot – local lab billing FMO-scheduled for Go Live in August**
- **Revised IDX/Centricity Interface**

Next meeting: 8:00 am, Tuesday, July 11, Brody 2E100.

Peds Historical Data Entry-DRAFT

The 'Peds Historical Data Entry,' found in the Pediatrics folder is used to enter data from outside providers. The data for these fields will populate the flowsheet when the date of service is entered in the date field, the result or finding is entered in the edit field, and the 'Record' button is clicked. Review of the flowsheet entry is made from the 'Update flowsheet' screen. Click the entry and select 'Remove' or 'Change' to make corrections.

Peds Historical Data Entry: Hilary Abigail Thurston

Pediatric Historical Data Entry

Date	Length (cm)	(in)	Weight (kg)	(lbs)	BMI	OFC (cm)	
05/02/2006	53.3	21	3.18	7	11.2	13	Record
06/01/2006	63.5	24	4.55	10	11.29	14	Record

TB-PPD: Pos. 6 mm Date: 06/07/2006 Record PPD Performed by: health department

Hct: 40 Hgb: 14 Date: 06/07/2006 Record H and H

Lead Scr: elevated (10-19) Lead level: 55 Date: 06/01/2006 Record Lead

Prev Form (Ctrl+PgUp) Next Form (Ctrl+PgDn) Close

Historical Data
Date: 05/02/2006 Length: 53.3 cm Length: 21 in Weight: 3.18 kg Weight: 7 lbs
BMI: 11.2 OFC 13 cm
Date: 06/01/2006 Length: 63.5 cm Length: 24 in Weight: 4.55 kg Weight: 10 lbs
BMI: 11.29 OFC 14 cm
TB-PPD: Pos. 6 mm Date: 06/07/2006
Performed by: health department
Hct: 40 Hgb: 14 Date: 06/07/2006
Lead Screen: elevated (10-19) Lead level: 55 Date: 06/01/2006

Exam Geri Multi-system Foot Exam Revision

The Foot Exam section is changed to remove the word 'Diabetic'. When a specific diabetic foot exam is performed, the user should click the radio button on the right side. The dropdown response options for 'Sensation' are: normal, diminished, and absent.

Exam Geri Multi-system: Beth C. Johnson

Exam Eye/ENT/Neck | Exam-Resp/CV/GI | Exam GU/Lymph/MSK | **Exam Skin/Neuro/MSE**

Foot Exam

Left: normal amputee bunion callouses cellulitis

Right: normal amputee bunion callouses cellulitis

Lt Sensation: [] Rt Sensation: []

Lt Pedal pulse: [] Rt Pedal pulse: []

Diabetic foot exam:

normal abnormal

Outside Lab Entry

The three-page 'Outside Lab Entry' form component is revised and is used to enter labs reported from home health agencies and other lab sources than PCMH or Lab Corps.. The form, found in the Adult General Forms folder, may be inserted into any update. Data may be entered to populate the flowsheets. Hematology and Urine related tests are included on tab/page 2. A flowsheet view and notification documentation on listed on tab/page 3. Entries should be reviewed for any corrections. Changes/corrections are made in the 'Update Flowsheet' screen.

Outside Lab Entry: Wayne Odum

Outside Lab Entry | Hematology/Urine (cont) | Flowsheet/Notification

Outside Lab Entry Date labs drawn/performed: []

Lab data entered from: [] Entered by: []

Lab Results

PT: [] Add to flowsheet INR: [] Add to flowsheet

Chemistries

BUN (mg/dL): [] Add to flowsheet SGOT- AST (U/L): [] Add to flowsheet

Calcium (mg/dL): [] Add to flowsheet SGPT- ALT (U/L): [] Add to flowsheet

CO 2 (mmol/L): [] Add to flowsheet Lipoprotein (mg/dL): [] Add to flowsheet

Chloride (mmol/L): [] Add to flowsheet Albumin (G/dL): [] Add to flowsheet

Creatinine (mg/dL): [] Add to flowsheet Protein, Tot (G/dL): [] Add to flowsheet

Potassium (mmol/L): [] Add to flowsheet B 12 (pg/ml): [] Add to flowsheet

Sodium (mmol/L): [] Add to flowsheet CK (U/L): [] Add to flowsheet

BI Gluc-Random (ml/dL): [] Add to flowsheet ESR/Sed rate (mm/hr): [] Add to flowsheet

Hgb A1 C (%): [] Add to flowsheet Homocysteine (umol/L): [] Add to flowsheet

Alk Phos (u/L): [] Add to flowsheet TSH (uIU/mL): [] Add to flowsheet

Billi, Total (mg/dL): [] Add to flowsheet T4 (ug/dl): [] Add to flowsheet

Billi, Direct (mg/dL): [] Add to flowsheet T4 Free (ng/dl): [] Add to flowsheet

Magnesium (mg/dL): [] Add to flowsheet FT4 Index: [] Add to flowsheet

Cholesterol (mg/dL): [] Add to flowsheet T3RU (%): [] Add to flowsheet

Triglyceride (mg/dL): [] Add to flowsheet Dilantin (ug/mL): [] Add to flowsheet

HDL (mg/dL): [] Add to flowsheet PSA (ng/mL): [] Add to flowsheet

LDL-calc (mg/dL): [] Add to flowsheet Lead (ug/dL): [] Add to flowsheet

Review 'Outside Lab Entry' flowsheet and click 'Update Flowsheet' button to make corrections or changes.

Prev Form (Ctrl+PgUp) Next Form (Ctrl+PgDn) Close

Steps to enter data to flowsheet:

1. Enter date of testing in 'Date' field
2. Enter value of test result in edit field
3. Click 'Add to flowsheet' button to move the data to the flowsheet

The date field may be changed when entering more than one result with differing dates for testing. The last date entered will be the only date appearing in the text of the note.

Outside Lab Entry: Wayne Odum

Outside Lab Entry	Hematology/Urine (cont)	Flowsheet/Notification
Hematology <i>Enter 'Date' if adding to flowsheet</i>		Urinalysis <i>Enter 'Date' if adding to flowsheet</i>
Date: <input type="text"/> <input type="button" value="Add CBC to flowsheet"/>		Date: 06/01/2006 <input type="button" value="Add urinalysis to flowsheet"/>
Hct: <input type="text"/> %	Glucose: <input type="text" value="negative"/>	<input type="button" value="Add"/>
Hgb: <input type="text"/> g/dl	Ketones: <input type="text" value="negative"/>	
MCV: <input type="text"/> fl	Nitrite: <input type="text" value="negative"/>	
RBC: <input type="text"/>	Bilirubin: <input type="text" value="negative"/>	
WBC: <input type="text"/>	Protein: <input type="text" value="negative"/>	
Platelets: <input type="text"/>	Blood: <input type="text" value="4 +"/>	
Neutrophil: <input type="text"/> %	Leukocytes: <input type="text"/>	
Basophil: <input type="text"/> %	Color: <input type="text"/>	
Eosinophil: <input type="text"/> %	Appearance: <input type="text"/>	
Lymphs: <input type="text"/> %	Urobilinogen: <input type="text"/>	
Monocyte: <input type="text"/> %	Specific gravity: <input type="text"/>	
Neutrophil Ct: <input type="text"/>	pH: <input type="text"/>	
Basophil Ct: <input type="text"/>	Urine Culture: <input type="text"/>	
Eosinophil Ct: <input type="text"/>	Microalb (mg/L): <input type="text"/>	
Lymphocyte Ct: <input type="text"/>	Ur Creat (mg/dL): <input type="text"/>	
Monocyte Ct: <input type="text"/>	Alb/Cr Ratio (mg/g): <input type="text"/>	
Retic (%): <input type="text"/> <input type="button" value="Add"/>	Other: <input type="text"/>	
Other: <input type="text"/>		

Review 'Outside Lab Entry' flowsheet and click 'Update Flowsheet' button to make corrections or changes.

Enter date for each of the panels, CBC and Urinalysis, enter the value and then click the blue 'Add' button as appropriate for each panel.

Outside Lab Entry: Wayne Odum

Outside Lab Entry | Hematology/Urine (cont) | **Flowsheet/Notification**

Outside Lab Entry Flowsheet View Update Flowsheet

Days	06/01/2006			
RETIC COUNT				
GLUCOSE, URN	negative			
KETONES URN	negative			
NITRITE URN	negative			
BILIRUBIN UR	negative			
PROTEIN, URN	negative			
HGB URINE	4 +			
WBC DIPSTK U				
UA COLOR				
APPEARANCE U				
UROBILINOGEN				
SPEC GR URIN				
PH URINE				
URINE CULT				
MICROALB URN				
CREATIN UR				
MICROALB/CR U				

Notification

Patient notified of results: Notified by:

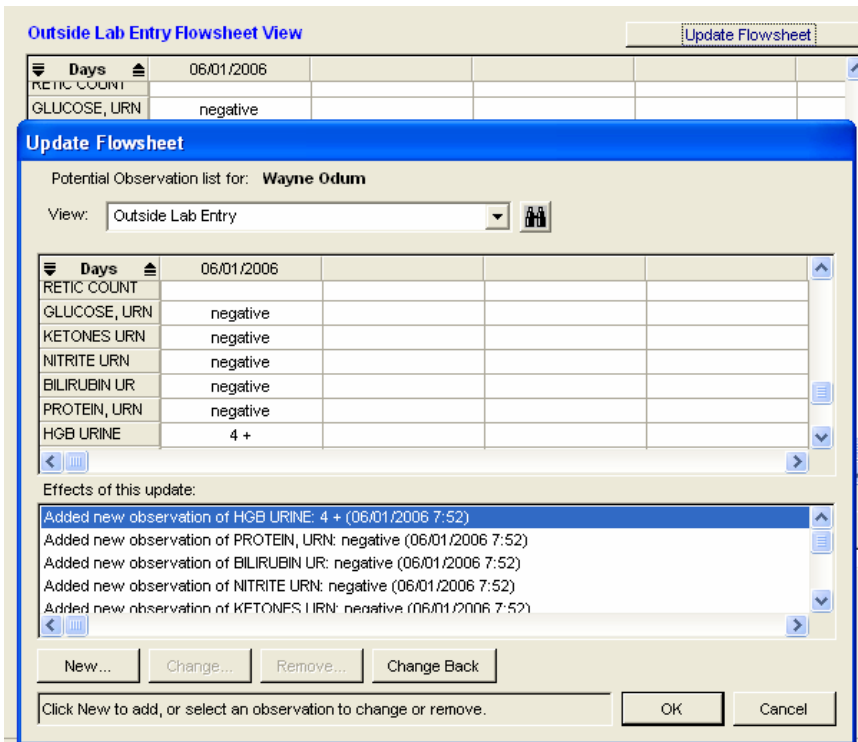
Follow-up:

Pt understands: does does not

Pt compliance: will will not

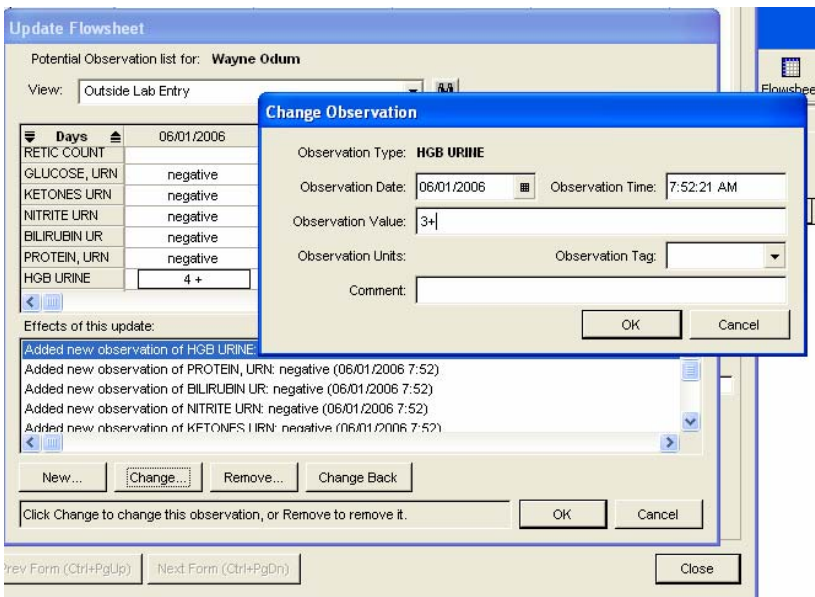
Prev Form (Ctrl+PgUp) | Next Form (Ctrl+PgDn) | Close

Review entries for accuracy. Click 'Update flowsheet' to make changes or corrections.



To Remove:

- Highlight entry in the 'Effects of this update' section and click 'Change Back' button
- Click 'OK' to save



To Change:

- Highlight the entry in the flowsheet section
- Click 'Change'
- Make correction
- Click 'OK' to close 'Change' window
- Click 'OK' to save changes

Recording TB-PPD results

Options to record results of TB-PPD testing not performed by ECU are now available on existing forms. Forms revised include: Pediatric Well Child Screen, adult Preventive Services Entry, and Immunization History. To record the result: a date field must be entered, the results entered and then the button to 'Add' clicked.

Pediatric Well Child Screen

The screenshot shows the 'TB-PPD Screening' section of the Pediatric Well Child Screen form. It includes a checkbox for 'Patient presents for test results as instructed.', a date field for 'Date of TB-PPD testing' (06/06/2006), a dropdown for 'Site' (health department), and a dropdown for 'Placed by' (health department). The 'TB-PPD Result' is set to 'Neg. 0 mm'. There is a red text prompt 'Enter date of PPD testing' and a button 'Add result to flowsheet'. A 'Read by:' field is empty. A note states 'Results are recorded in a separate update in 72 hours'. At the bottom, there are buttons for 'Prev Form (Ctrl+PgUp)', 'Next Form (Ctrl+PgDn)', and 'Close'.

The date of TB-PPD testing must be entered and the 'Add result to flowsheet' clicked to enter the results of testing done by users also when the Pediatric Well Child Screen is used.

Preventive Services Entry

The screenshot shows the 'Immunizations' section of the Preventive Services Entry form. It includes fields for 'Td Booster', 'Flu Vax', and 'Pneumo Vax'. There is a red text prompt 'Enter date immunization was given'. Below these are fields for 'TB-PPD' (Neg. 0 mm), 'Date' (06/07/2006), a red 'Record PPD' button, and 'Performed by' (health department). A 'Comments:' field is also present.

Immunization History

The screenshot shows the 'Immunization Record' section of the Immunization History form. It includes a list of immunizations with radio buttons: DPT, DTP/HIB, DTAP, DT, FLUVAX, Pedvax HIB, HEMINF, HEPAVAX, HEPBVAX, IPV, OPV, MEASLES, MENACTRA, MENINGCO, MUMPS, MMR, PCV7, Pediarix, PNEUMOVAX, RABIES, RUBELLA, Td booster, Tdap, VARICELLA, BCG, CHOLERA, and TYPHOID. A note states 'This form is to document previously administered immunizations and TB-PPD result.' At the bottom, there are fields for 'TB-PPD' (Pos. 4 mm), 'Date' (06/02/2006), a red 'Record PPD' button, and 'Performed by' (health department).