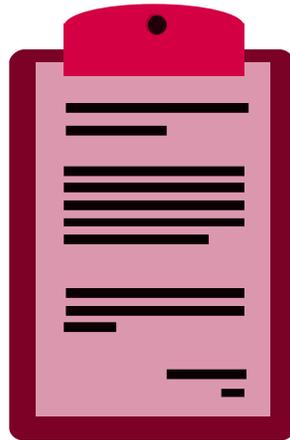
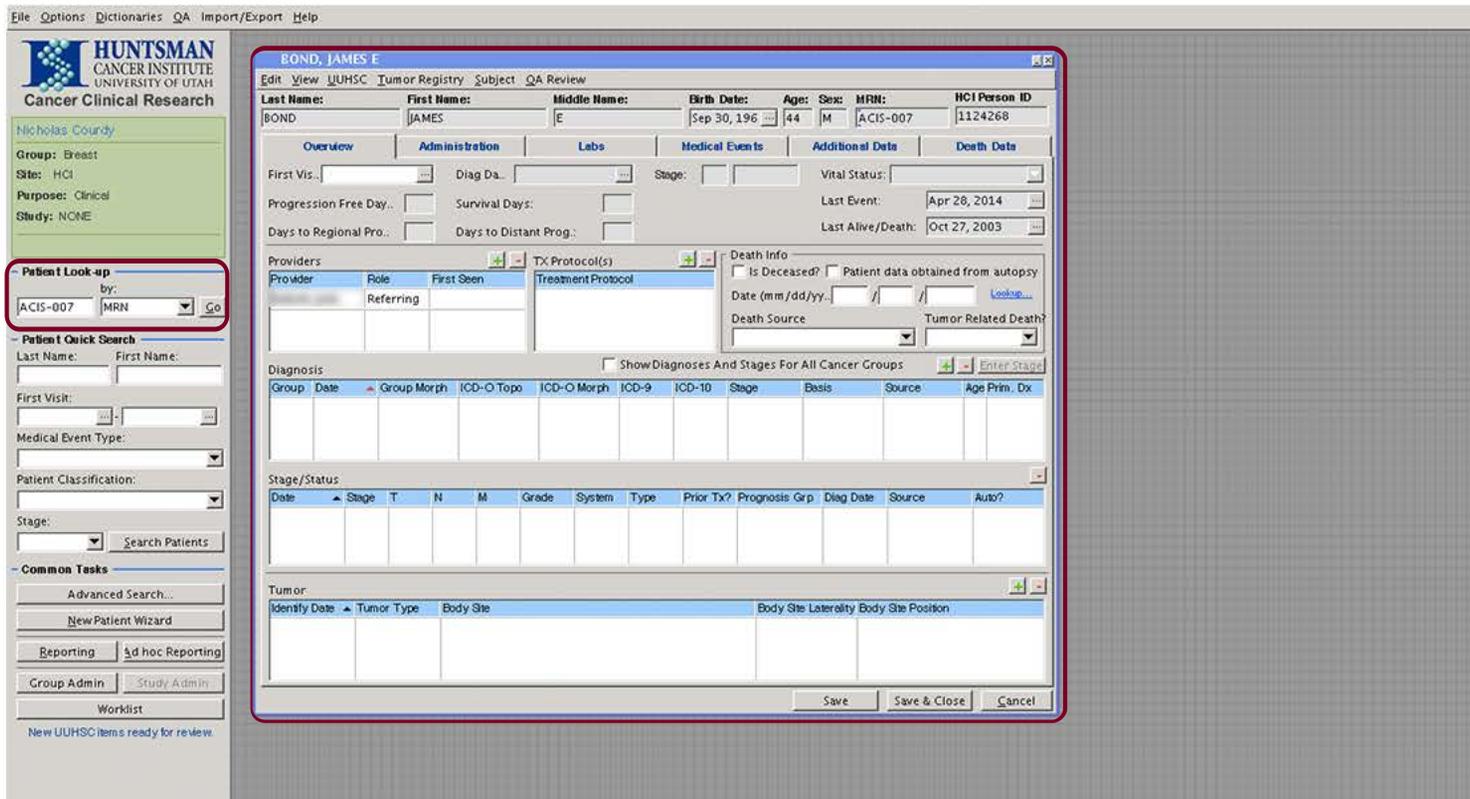


CCR

HOW-TO



Adding a Medical Event



Launch CCR and conduct a patient search by entering information on the left side. In this example a search by patient MRN was conducted. The 'Patient' window will open.

BOND, JAMES E

Edit View UHSC Tumor Registry Subject QA Review

Last Name: BOND First Name: JAMES Middle Name: E Birth Date: Sep 30, 196 Age: 44 Sex: M MRN: ACIS-007 HCI Person ID: 1124268

Overview Administration Labs **Medical Events** Additional Data Death Data

Medical Events List 

Start Date	Classifications	Event Type	Detailed Procd	Report #	Path	Group
Apr 28, 2014		Biopsy			<input type="checkbox"/>	Breast

View events: by Date by Classification by Tumor Last UHSC Review By: u0590366 On: Apr 28, 2014

green = incompl.. red = shar..

Save Save & Close Cancel

Navigate to the 'Medical Events' tab in the patient window to add a new medical event. This will display view a list of any medical events associated to this patient. Add a new medical event by clicking on the '+' icon. A new window will open.

The screenshot shows a software window titled "Add/Link Medical Event". It is divided into two main sections: "Step 1 - Enter Event Info" and "Step 2 - Link to UUHSC Encounters (Optional)".

Step 1 - Enter Event Info: This section contains two input fields. The first is a dropdown menu labeled "Event Type" with "Initial Evaluation" selected. The second is a date field labeled "Start Date" with "Apr 29, 2014" entered.

Step 2 - Link to UUHSC Encounters (Optional): This section is for searching and linking encounters. It includes a "Search For UUHSC Encounters" section with an "Admit Date Range" field (two date pickers separated by "to") and a "Find UUHSC Encounters" button. Below this is a table titled "UUHSC Encounter Search Results: (Select to link)" with a "Clear Selection" link. The table has five columns: "Encounter ID", "Encounter Type", "Admit Date", "Discharge Date", and "Provider". The table is currently empty.

At the bottom right of the window, there are two buttons: "Add / Link" and "Cancel".

In the 'Add/Link Medical Event' window there are two steps. Step 1 enters initial information of the medical event. Step 2 is optional and allows you to search and link any UUHSC encounters associated to the medical event. If there are no UUHSC encounters, enter the correct information from the two dropdowns in Step 1 and click 'Add/Link'. A new window will open.

Medical Event Detail - Breast

Event Type: Initial Evaluation Start Date: Apr 29, 2014 End Date: Apr 29, 2014 Age: 44 Duration (days):

Performing Provider: Facility: HCl (UT) Report Number: 123456

Detailed Procedure: EDW EncounterID:

Overview Details Diagnostic Status Comorbid Pt In it Eval BRCA History Other History Comorbid Char

Path Reports

Date	Tissue Type	Sample Procedure Type	Report Num.	Facility
Apr 29, 2014	Breast	Chest Wall Biopsy		

Associated Medical Events

Event Type	Start Date	Report Num.	Detailed Procedure
Imaging	Apr 28, 2014	12345	Bone Scan

- Assessment

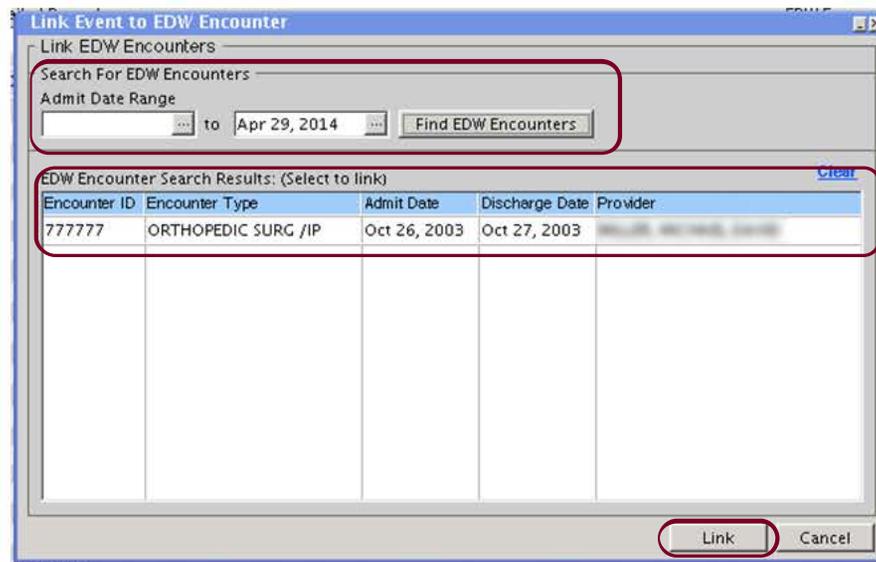
Vital Status: Alive - No evidence of disease Performance Score: (ECOG/WHO/Zubrod) 1 - Able to walk, light work. No strenuous activity.

Vital Status Evidence of Disease: Clinical (CED) Radiologic (RED) Biochemical (BED) Pathologic (PED)

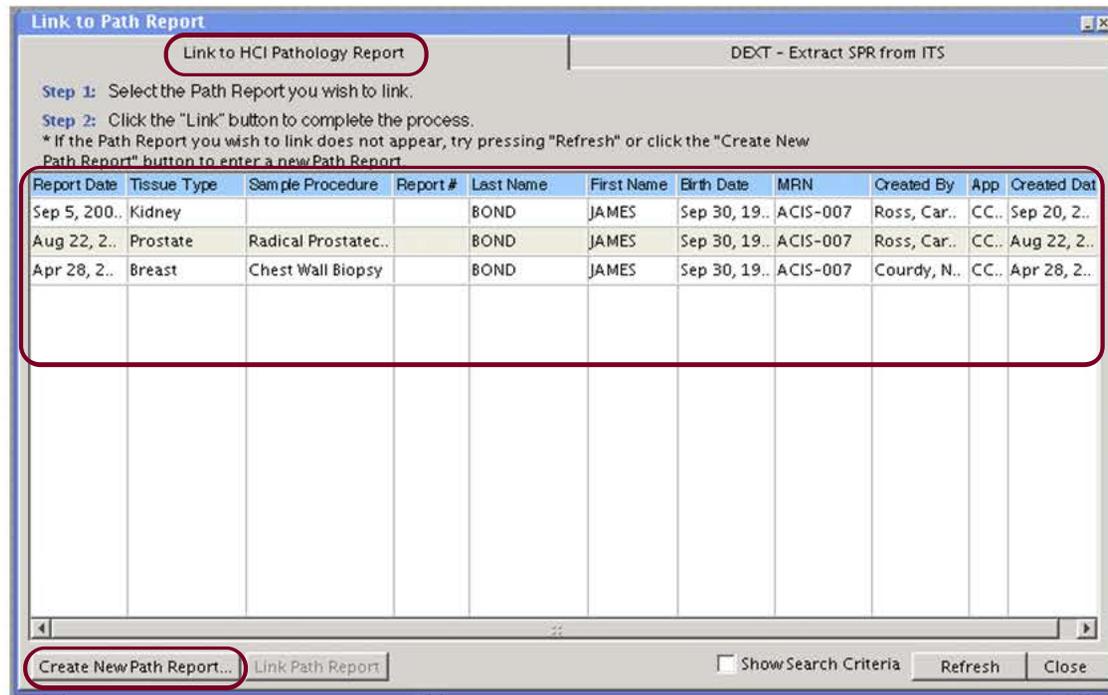
Treatment Response Evaluation: CR - Complete Response

Context Search Save Save & Close Close

The 'Medical Event Detail' has a number of tabs. Within any tab, link the event to an EDW encounter by clicking on the '...' icon. A new window will open. In the 'Overview' tab add associated medical events. Link or create a new path report for the medical event by clicking on the '+...' icon. A new window will open.



After clicking the '...' icon the 'Link Event to EDW Encounter' window will open. In this window search for an encounter by entering a date range. If CCR finds a corresponding encounter for the medical event, select it from the list and click 'Link'.



After clicking the '📄' icon the 'Link to Path Report' will open. This will show any associated path reports in the list. If there is a corresponding path report to the Medical Event select it from the list and click 'Link Path Report'. If there is not an existing path report create a new one by clicking 'Create New Path Report'. A new window will open.

Path Report

Report Date: Histologic Tissue Type: Is Metastatic: Tissue? Facility: Report Number: Report Item: **Pathology Rpt Fi...**

Overview | **Path Diagnosis** | **Additional Findings** | **Path Diagnosis (old fields)**

Patient

Patient Last Name: First Name: Middle: Birth Date: MRN: HCI Number:

Procedure

Procedure Date: Sample Procedure Type: Age At Procedure:

Performing Provider: Reading Provider 1: Reading Provider 2:

System Info

Created By: Application: Date Created:

Comments:

In the 'Path Report' window upload a Pathology PDF file at any time by clicking 'Update' and selecting the PDF file saved on the computer. In the 'Overview' tab view patient and edit procedure information about the path report.

Path Report

Report Date: Apr 29, 2014 Histologic Tissue Type: Breast Is Metastatic: Tissue? Facility: Report Number: Report Item: Pathology Rpt Fi...

Overview **Path Diagnosis** **Additional Findings** **Path Diagnosis (old fields)**

Tumor

Tissue Site: Central portion of breast Laterality: Not specified Max Tumor Size (cm): 1 Secondary Size (cm): 2 # Nodes Examined: 1 # Nodes Involved: 1

Primary Diagnosis (Histologic Type): Noninvasive carcinoma (NOS) Primary Diag (Other):
Secondary Diagnosis (Histologic Type): Ductal carcinoma in situ Secondary Diag (Other):

Margins: Cannot be assess Margin Distance (Invasive): < 1mm Margin Distance (DCIS): 1.0 - 1.9 mm LVI: Absent

Primary Histologic Grade: GX: Grade cannot be assessed (Undetermined Gr) Secondary Histologic Grade: G1: Well-differentiated (Low Grade)

Total Nottingham Score: Grade II: 6-7 points Nuclear Pleomorphism: Small regular nuclei (score = 1)

Tubule Formation: Majority of tumor greater than 75 percent (sc) Mitotic Count: Less than 10 mitoses per 10 HPF (score = 1)

Pathologic Stage

pT: pT0: No evidence of primary tumor

pN: pN0 - No regional lymph node metastasis histologically

pM: pMX: Cannot be assessed

Comments:

In the 'Path Diagnosis' tab there are many dropdowns to specify information related to tumors and the pathologic stage related to the patient's report.

Path Report

Report Date: Apr 29, 2014 ... Histologic Tissue Type: Breast Is Metastatic Tissue? Facility: Report Number: Report Item: Pathology Rpt Fl...

Overview Path Diagnosis **Additional Findings** Path Diagnosis (old fields)

Additional Pathologic Findings:

Additional Pathologic Findings:
 None identified
 Microcalcifications
 Fibrocystic changes
 Atypical hyperplasia

Comedocarcinoma, non-infiltrating
No

Multicentric DCIS
Yes

Multicentric/Multifocal Invasive (Dx after 01/01/07)
Yes

ER: Negative/normal; within normal limits ER%:
PR: Borderline, undetermined whether positive or negative PR%:
HER2: Unknown or no information HER2 Score:
FISH HER2: Unknown or no information
Block Number (molecular studies order on):

Sentinel IHC Status: IHC not performed
RT-PCR Status: All negative by RT-PCR

Tumor Prediction subtype (research): LumA Tumor Prediction subtype (clinical): LumB

Comments:

In the 'Additional Findings' tab miscellaneous questions related to pathologic findings will be displayed. Specify findings by choosing the correct options from the drop-downs.

The screenshot shows a web-based application window titled "Path Report". At the top, there are input fields for "Report Date" (Apr 29, 2014), "Histologic Tissue Type" (Breast), "Is Metastatic" (checkbox), "Facility", "Report Number", "Report Item", and "Pathology Rpt Fl...". Below these are four tabs: "Overview", "Path Diagnosis", "Additional Findings", and "Path Diagnosis (old fields)". The "Path Diagnosis (old fields)" tab is selected and highlighted with a red circle. This tab contains four dropdown menus: "Max Tumor Size (Range)" with the value "No mass/tumor found", "Extent of Invasion (AJCC)" with the value "T0: No evidence of primary tumor", "Regional Lymph Node Status (AJCC)" with the value "NX: Unknown; not stated", and "Distant Metastasis Status (AJCC)" with the value "M0: No; none". At the bottom of the window, there is a "Comments" text area and a toolbar with buttons for "UUHSC Records...", "UUHSC Context Search...", "Save", "Save & Close" (highlighted with a red circle), and "Close".

The 'Path Diagnosis (old fields)' tab has several additional drop-downs to help specify additional diagnosis info. Once the information for the path report is correct, click 'Save & Close'. The window will close and return to the 'Medical Event Detail' window. The path report should now be visible from the 'Overview' tab.

Medical Event Detail - Breast

Event Type: Initial Evaluation Start Date: Apr 29, 2014 End Date: Apr 29, 2014 Age: 44 Duration (days):

Performing Provider: Facility: HCI (UT) Report Number: 123456

Detailed Procedure: EDW EncounterID:

Overview **Details** Diagnostic Status Comorbid Pt Init Eval BRCA History Other History Comorbid Char

Tests					Specimens		
Test Date	Type	Value 1	Value 2	Low	CC Number	Specimen Type	Collect Date
					14-02955	Tissue	Apr 28, 2014

CPT Codes: Code: 20200 : Biopsy, muscle; superficial. Review Date: Apr 29, 2014 Reviewing Provider:

Event Classification: Classification: Planned Note:

Context Search Save Save & Close Close

In the 'Details' tab of the 'Medical Event Detail' window you can add test results associated to the Medical Event. There is also an option to link specimens from itBioPath to the medical event. Click on the appropriate '+' icon to add test, specimen, CPT code or classification information.

Medical Event Detail - Breast

Event Type	Start Date	End Date	Age	Duration (days)
Initial Evaluation	Apr 29, 2014	Apr 29, 2014	44	
Performing Provider	Facility	Report Number		
	HCI (UT)	123456		
Detailed Procedure	EDW EncounterID			

Overview | Details | **Diagnostic** | Status | Comorbid Pt | Init Eval | BRCA History | Other History | Comorbid Char

Palpable Mass? Palpable Lymph Node?

Presented at Tumor Board? Tumor Board Date

Tumor Board Recommendations

Initial Diagnosis By	Type	Triggering Event
<input checked="" type="checkbox"/> FNA	<input checked="" type="checkbox"/> Ductal	Axillary mass
<input type="checkbox"/> Core	<input type="checkbox"/> Lobular	Date of First Indication
<input type="checkbox"/> Excisional (Mammo/palp)	<input type="checkbox"/> Papillary	<input type="text" value="Apr 1, 2014"/>
<input type="checkbox"/> Unknown	<input type="checkbox"/> DCIS	
<input type="checkbox"/> Other	<input type="checkbox"/> LCIS	
Initial Diagnosis Other	<input type="checkbox"/> Unknown	
	<input type="checkbox"/> Other	
	Type Other	

Context Search Save Save & Close Close

The 'Diagnostic' specifies information related to the diagnosis through a series of selections and drop-downs.

Medical Event Detail - Breast

Event Type	Start Date	End Date	Age	Duration (days)
Initial Evaluation	Apr 29, 2014	Apr 29, 2014	44	
Performing Provider	Facility	Report Number		
	HCI (UT)	123456		
Detailed Procedure	EDW EncounterID			

Overview | Details | Diagnostic | **Status** | Comorbid Pt | Init Eval | BRCA History | Other History | Comorbid Char

Date of 1st Presentation
Apr 29, 2014

Current level of physical activity WITHIN PAST WEEK
Restricted, but can walk and do light housework

Current Employment Status
Other

Patient Status at 1st Presentation
Unknown

Education Status at 1st Presentation
College

Disease Status at 1st Presentation
Local/Regional Recurrence

Zip
.

Data Collection Mechanism
.

Context Search | Save | Save & Close | Close

The 'Status' tab includes information related to the patient's life. Choose the correct options from the drop-down to specify.

Medical Event Detail - Breast

Event Type	Start Date	End Date	Age	Duration (days)
Initial Evaluation	Apr 29, 2014	Apr 29, 2014	44	
Performing Provider	Facility	Report Number		
	HCI (UT)	123456		
Detailed Procedure	EDW EncounterID			

Overview Details Diagnostic Status **Comorbid Pt Q** Init Eval BRCA History Other History Comorbid Char

- Comorbid History Patient Questionnaire
(do not check both Patient Questionnaire and Chart Review)

- Had heart attack? Yes
- Treated for heart failure? Yes
- Operation to unclog arteries in? No
- Stroke, cerebrovascular accident, blood clot or bleeding in the brain? No
 - If yes, difficulty moving arm or leg as result?
- Asthma, emphysema, chronic bronchitis, or chronic obstructive lung? No
 - If yes, take medicine for condition (on regular basis or flare-up)? Yes
- Stomach ulcers or peptic ulcer disease? No
 - If yes, condition diagnosed by endoscopy or upper GI or barium swallow?
- Diabetes or high blood sugar? No
 - If yes, treated by modifying diet?
 - If yes, treated by medications taken by?
 - If yes, treated by insulin injections?
 - If yes, diabetes caused problems with kidneys or eyes and treated by ophthalmologist?
- Kidney problems? Yes
 - If yes, poor kidney function with blood test showing high creatinine? Yes
 - If yes, used hemodialysis or peritoneal dialysis? No
 - If yes, kidney transplant? No

Context Search Save Save & Close Close

The 'Comorbid Pt Q' contains a patient history questionnaire. Enter 'yes' or 'no' from the drop-downs to specify how the patient answered each question.

Medical Event Detail - Breast

Event Type: Initial Evaluation Start Date: Apr 29, 2014 End Date: Apr 29, 2014 Age: 44 Duration (days):

Performing Provider: Facility: HCl (UT) Report Number: 123456

Detailed Procedure: EDW EncounterID:

Overview Details Diagnostic Status Comorbid Pt **Init Eval** BRCA History Other History Comorbid Char

- Demographics -
 Attending Provider: Height (cm): 183 Weight (kg): 75 BMI:

- Family History -
 Family History of Cancer

Relative	Cancer Type	Other Cancer Type (30 chars)	Age at Diag (yr)

- Smoking/Alcohol History -
 Alcohol History: Current Smoking History: Current Smoking within 6 weeks of Surgery: Yes Avg Packs/Day: 1 Smoke Years: 5 Number of Pack Years: 2

- Radiation Exposure -
 History of Therapeutic Radiation Therapeutic Radiation Location: Breast
 For Benign Disease

- Assessments -
 Pain Scale: 3

Context Search Save Save & Close Close

The 'Init Eval' tab enters information related to demographics, family history of cancer, and any smoking/alcohol history.

Medical Event Detail - Breast

Event Type: Initial Evaluation Start Date: Apr 29, 2014 End Date: Apr 29, 2014 Age: 44 Duration (days):

Performing Provider: Facility: HCI (UT) Report Number: 123456

Detailed Procedure: EDW EncounterID:

Overview Details Diagnostic Status Comorbid Pt Init Eval **BRCA History** Other History Comorbid Char

Breast Cancer History Past cancer experience (excluding breast cancer)

No No

Diag Date	Diag Age	Laterality	Invasive?
Apr 29, 2014		Bilateral	N

Context Search Save Save & Close Close

Within the 'BRCA History' include any breast cancer history information.

Medical Event Detail - Breast

Event Type	Start Date	End Date	Age	Duration (days)
Initial Evaluation	Apr 29, 2014	Apr 29, 2014	44	
Performing Provider	Facility	Report Number		
	HCI (UT)	123456		
Detailed Procedure	EDW EncounterID			

Overview Details Diagnostic Status Comorbid Pt Init Eval BRCA History **Other History** Comorbid Char

- Reproductive and Menstrual History

Age at Menarche: 40
Regular Menstrual Cycles: No
Num Pregnancies: 0
Num Miscarriage/Abortions: 0

Age at First Live Birth:
Breast Feeding History?: No
Menopause Status: Pre
Menopause Age:
Menstrual period in past 6 months: No

If NO menstrual period within 6 months of diagnosis, reason periods stopped:
Other (specify):
Specify Other (30 chars): male
Date of Bilateral Oophorectomy:

- Oral Contraceptives

Used Birth Control?: No
Num Years Birth Control?:
Oral Contraceptives at Diag?:

- Hormone Replacement Therapy

Received HRT?: No
Num Years HRT:
HRT at Diag?:
HRT Type:

- Breast Conditions History

Breast Implants?: No
Implant Laterality:
Breast Reduction: No

Breast Reconstruction?: No
Breast Reconstruction Type:
Pregnant when Diagnosed?:

Context Search Save Save & Close Close

The 'Other History' tab contains a series of questions and drop-downs to help specify reproductive and menstrual information.

Medical Event Detail - Breast

Event Type	Start Date	End Date	Age	Duration (days)
Initial Evaluation	Apr 29, 2014	Apr 29, 2014	44	1
Performing Provider	Facility	Report Number		
	HCI (UT)	123456		
Detailed Procedure			EDW EncounterID	

Myocardial Infarction

Congestive Heart Failure

Dementia

Peptic Ulcer Disease

Hemiplegia

Any solid tumor (non-breast)

Moderate or severe liver disease

Peripheral Vascular Disease

Chronic Obstructive Pulmonary Disease

Mild Liver Disease

Moderate or severe renal disease

Leukemia

Metastatic solid cancer

- Comorbid History Chart Review
 (do not check both Patient Questionnaire and Chart Review)
 Not applicable

Stroke, cerebrovascular accident, etc

Connective Tissue Disease

Diabetes

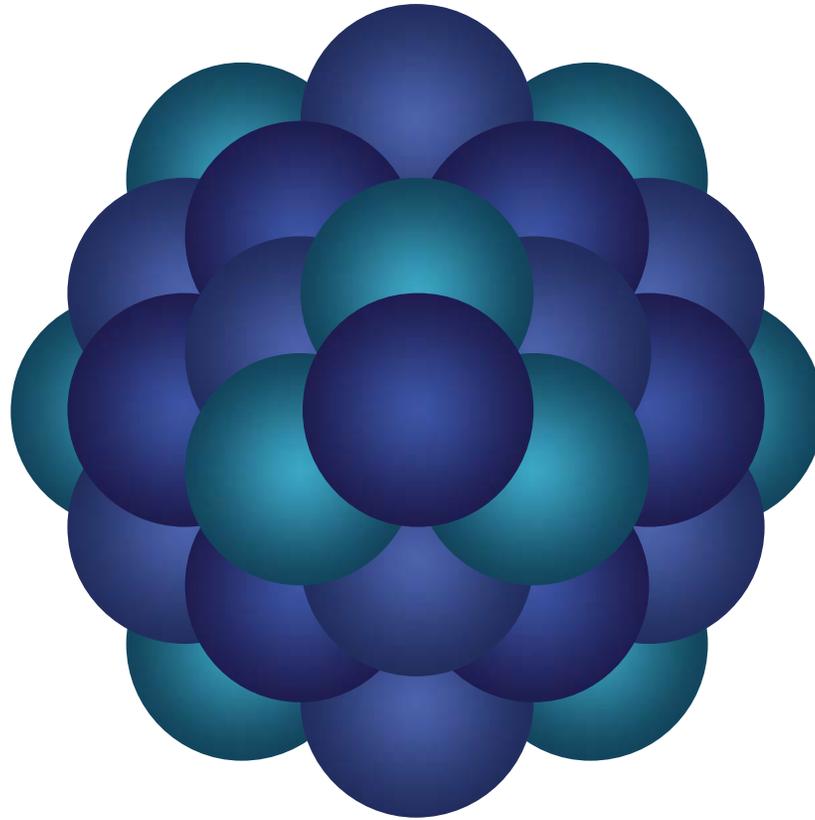
Diabetes with end organ disease

Lymphoma

AIDS

Depression

The final tab allows you to view the 'Comorbid History Chart Review'.



Questions?

Email 'Informatics - Development' email group