

# Orpheus County Feedback Meeting Agenda & Notes

*Data for Public Health  
Policy*

**Date:** June 12, 2014

**Time:** 1:30-3:00PM

**Place:** AOC

Webinar registration: <https://www1.gotomeeting.com/register/727580584>

The phone number is the same 1-877-841-9268 participant code 245215

**ALL DATA FROM SCREEN SHOTS SHOWN IN THESE MINUTES ARE FAKE**

Counties:

Baker (), Benton(), Clackamas (), **Clatsop** (Annette Brodigan, Nancy Mazarella-Tisch, Sheri Salber), Columbia (), Coos, **Crook** (Karen Yeargain), **Curry** (Susan Flemming, Brody Hodges), **Deschutes** (Patty Hutton), Douglas (), Grant (), Harney, Hood River (), **Jackson**(Carol Irwin, Al Solochier), **Jefferson** (Joy Harvey), **Josephine** (Margo Guthrie), Klamath (), Lake, **Lane** (Sidney Buffington, Kelly Reed, Lisa Stevens), **Lincoln** (Kathy Vickers), **Linn** (Karen Fox), Malheur, **Marion** (Dana Finch), Morrow (), **Multnomah** (Linda Daniels, Linda Zumwalt), **North-Central** (Allyson Smith), **Polk** (Kirk Hillebrand), **Tillamook** (Joellyn English, Cerisa Niskanen-Albreshtsen), **Umatilla** (Haylee Williams), Union, Wallowa, Warm Springs (), **Washington** (Kim Repp), Wheeler, Yamhill ().

State: Nasreen Abdullah, Hillary Booth, Maureen Cassidy, Jeff Capizzi, Dave Dreher, Stephen Ladd-Wilson, Rob Laing, Karen Lewis, Beletshachew Shiferaw, Roger Wirt

Orpheus Contractor: Matt Navarre, Dan Gray

Facilitator: June Bancroft

|    | Topic   | Action Items |
|----|---|--------------|
| 1. | <p><b>Overall update –Stephen</b></p> <ul style="list-style-type: none"> <li>• <b>Security Audits</b> – Deadline for ORPs to submit was June 1<sup>st</sup>; we’ve received quite a few the Monday after OR-Epi. Most all have been received. A significant amount of user settings changes have been made. We’re also keeping track of “export location” and number of exports.</li> <li>• <b>Disconnects</b> – We’re still working on it. We recently disabled the</li> </ul> |              |

**June 12, 2014**

# Orpheus County Feedback Meeting Agenda & Notes

Data for Public Health  
Policy

|    |  |  |
|----|--|--|
|    | <p>virus scanning software to see if that makes a difference. Analysis pending.</p>  |  |
| 2. | <p><b>ELR update – June (for Michelle)</b></p> <ul style="list-style-type: none"> <li>ELR system, which uses the State’s Enterprise Technical Services (ETS) secure file transfer protocol (sFTP) server, is still down. ETS needs to re-build it. Estimated time of the rebuild is early July. It does create a business contingency planning opportunity for all of us; however, it’s been a pain. Some of the labs are able to send secure e-mails, i.e., Quest and Providence are faxing to us; Karen Lewis, our point person for this, is forwarding to Counties. Kaiser should be faxing directly to Counties (they are also faxing to State). PeaceHealth (OML or Central Lab) is leveraging the ESSENCE system to send their ELRs. Oregon State Public Health Lab came back on board yesterday; they should be coming directly to Orpheus. STD reports from Salem Hospital and Center for Disease Detection will be routed to Gary Fosnaugh of the STD program.</li> </ul> | <p><b>Counties to inform State of any possible missing ELRs (based on what they’re expecting to receive from laboratories).</b></p> <p><b>Counties to be sure State has current their fax number, especially if that number has changed within the past year.</b></p> <p><b>State (Rob and June) to follow up with Interpath, which should be faxing.</b></p> <p><b>State (Rob) to update Counties with an e-mail that summarizes the latest information in terms of lab updates, i.e., which lab is doing what.</b></p> |
| 3. | <p><b>Best Practices for querying and searching in Orpheus – Matt Navarre</b></p> <ul style="list-style-type: none"> <li>Matt’s goal is to be sure that frequently run reports (e.g., many times/day) take very little time to run; however, complex reports that are done less frequently, say once a week or so, generally will take longer to run.</li> <li><b>Searches – Do not use the Cases (Identified) search for retrieving large data sets; it’s faster to user the Cases (de-identified) search and to subsequently “Transfer to Case List” if you need identifiers.</b></li> </ul>   | <p><b>Counties to let State know of specific reports that are taking too long to run.</b></p>  |

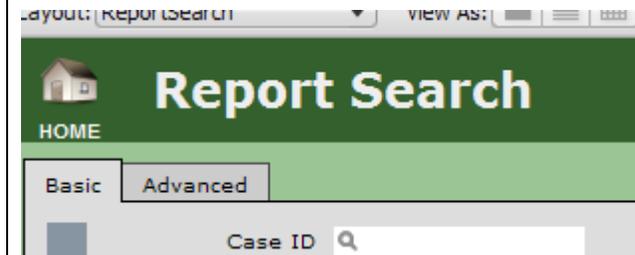
# Orpheus County Feedback Meeting Agenda & Notes

*Data for Public Health  
Policy*



Identified searches take much longer - use only for searches specific individuals. Do not use for large data sets  
De-identified are quicker - use for searches that will return large data sets (e.g. this year's Chlamydia Cases)

De-identified searches take you to the report screen.

A screenshot of a search form. The form has several input fields with search icons. The fields are: Case ID, Disease (with "Chlamydia" entered), Disease Group, Subtype, Stage, Case Status, Case County (with "Multnomah" entered), Onset Date, LHD Report Date (with "2013" entered), Date Created, Local Epi / DIS, and State Epi. There is also an "or ID" field next to the Disease field.

**Be sure to use LHD Report date when querying STDs, as Onset Date is generally not used.**

# Orpheus County Feedback Meeting Agenda & Notes

Data for Public Health  
Policy

Once you get your found set, which shouldn't take long, you should click on the Transfer to Case List button if you need identifiers.

The screenshot shows a web application interface for data management. At the top, there's a navigation bar with a search bar containing '1', a status indicator '2281 / 413561 Found (Unsorted)', and buttons for 'Show All', 'New Record', 'Delete Record', 'Find', and 'Sort'. Below this is a toolbar with 'Layout: reportLineList', 'View As' options, and a 'Preview' button. The main content area has a green header with 'Report: Case List' and a red arrow pointing to the 'Transfer to Case List' button. Other buttons include 'Generic Export', 'Modify Last Find', 'Constrain Search', 'PRINT', and 'PDF'. Below the header is a table with the following data:

| Disease   | Onset    | LHD Report | Age       | Status | Sex       | County | EpiLink | Hosp | Subtype | Case ID |
|-----------|----------|------------|-----------|--------|-----------|--------|---------|------|---------|---------|
| Chlamydia | 01/02/14 | 18         | Confirmed | F      | Multnomah |        |         |      |         | 414821  |
| Chlamydia | 01/02/14 | 20         | Confirmed | F      | Multnomah |        |         |      |         | 414822  |
| Chlamydia | 01/02/14 | 22         | Confirmed | F      | Multnomah |        |         |      |         | 414823  |
| Chlamydia | 01/02/14 | 34         | Confirmed | F      | Multnomah |        |         |      |         | 414824  |
| Chlamydia | 01/02/14 | 32         | Confirmed | F      | Multnomah |        |         |      |         | 414825  |

Use the google-like search bar whenever you're looking for a specific record (e.g., person name, date of birth, case id number, contact id number, contact name, alias names, elr names, etc.). Clicking on the magnifying glass with all else blank will take you to the report search.



When searching by name, always use fragments of first name + last name, e.g., rob smi will return Bob Smith or Robert Smith.

When searching date of birth, use a 4-digit year, e.g., 1/1/1980, to be sure of a given date search.

# Orpheus County Feedback Meeting Agenda & Notes

*Data for Public Health  
Policy*

Because Orpheus is divided into many tables, e.g., Cases, People, Contacts, Providers, etc., it's best to go to the source table of that field, say laboratory, i.e., when searching for cases associated with a particular lab.

**Go to the Exports button to get to the Lab Search screen:**



**Matt to add the County field to the Lab Search layout.**

**Matt to fix the Export ELR button.**

# Orpheus County Feedback Meeting Agenda & Notes

Data for Public Health  
Policy

The above figure depicts how to search Providence Lab enterics with onsets of 2012. Note that you can use the duplicate request button to perform complex searches. Once you get to your list, you can use the Transfer to Case List button for other export options (below):

| Case ID | Patient               | DOB        | Sex | Specimen ID | Lab                      | Lab Name                 | Coll Date  | Spec Type | Test Type | Result   | Note |
|---------|-----------------------|------------|-----|-------------|--------------------------|--------------------------|------------|-----------|-----------|----------|------|
| 337480  | Duntley, Rochella L   | 08/09/1979 | F   | 668958      | Providence - Portland    | Providence - Portland    | 01/18/2012 | Stool     | Culture   | Positive |      |
| 337964  | Kraanick, Rodrick C   | 12/28/2004 | M   | 669604      | Providence - Portland    | Providence - Portland    | 01/22/2012 | Stool     | Culture   | Positive |      |
| 338194  | Dronenburg, Elise Ann | 08/21/1992 | F   | 670717      | Providence - Medford Lab | Providence - Medford Lab | 01/23/2012 | Stool     | Culture   | Positive |      |
| 340189  | Huegel, Anthony R     | 06/20/1980 | M   | 680723      | Providence - Portland    | Providence - Portland    | 02/12/2012 | Stool     | Culture   | Positive |      |
| 341014  | Dornfeld, Lindsay K   | 04/21/1940 | F   | 683795      | Providence - Portland    | Providence - Portland    | 02/24/2012 | Stool     | Culture   | Positive |      |

June 12, 2014

# Orpheus County Feedback Meeting Agenda & Notes

Data for Public Health  
Policy

Note that other fields are displayed once you transfer to the case list.

| Disease         | Subtype     | Status | Onset     | Name                 | Age | Sex | County     | Eplink | Outbreak | CaseID | Active                              | Deleted                  | Created        | Modified       | Date Sent | Loc |
|-----------------|-------------|--------|-----------|----------------------|-----|-----|------------|--------|----------|--------|-------------------------------------|--------------------------|----------------|----------------|-----------|-----|
| Campy           | jejuni      | C      | ~01/20/12 | Krasnic, Rodrick C   | 5   | M   | Multnomah  | SP     |          | 337964 | <input type="checkbox"/>            | <input type="checkbox"/> | 01/24/12 15:52 | 06/25/12 12:22 | 01/19/12  | Ch  |
| Campy           | jejuni      | C      | 01/21/12  | Droneburg, Eliza Ann | 58  | F   | Jackson    | SP     |          | 338194 | <input type="checkbox"/>            | <input type="checkbox"/> | 01/26/12 13:59 | 06/26/12 12:32 | 01/26/12  | Al  |
| Salmonella      | Typhimurium | C      | 02/04/12  | Huegel, Anthony R    | 30  | M   | Washington | SP     |          | 340189 | <input type="checkbox"/>            | <input type="checkbox"/> | 02/16/12 15:02 | 06/25/12 13:28 | 02/16/12  | Kar |
| Campy           |             | C      | ~02/22/12 | Dornfeld, Lindsay K  | 70  | F   | Yamhill    | SP     |          | 341014 | <input type="checkbox"/>            | <input type="checkbox"/> | 02/27/12 14:29 | 06/25/12 12:33 | 02/27/12  | Kar |
| Cryptosporidium |             | P      | 02/12/12  | Mcquiston, Leanne L  | 39  | F   | Hood River | SP     |          | 343010 | <input type="checkbox"/>            | <input type="checkbox"/> | 03/16/12 11:17 | 06/26/12 12:38 | 03/16/12  | Sui |
| Campy           |             | C      | ~03/12/12 | Chioma, Anna E       | 32  | F   | Multnomah  | SP     |          | 343091 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | 03/16/12 16:41 | 06/26/12 12:39 | 03/16/12  | Me  |

Kim from Washington asked about the best way to query, say, HIV cases of a given County, .e.g, Washington County, that have not been interviewed in a given year, say LHD Report Date = 2012.

1. Use the Cases (de-Identified) search. This defaults to the Basic Tab, where you can put in Disease = HIV, LHD Report Date = 2012:

**Report Search**

HOME

Basic | **Advanced**

Case ID:

Disease:  ID:

Disease Group:

Subtype:

Stage:

Case Status:

Case County:

Onset Date:

LHD Report Date:

Date Created:

Local Epi / DIS:

State Epi:

Perform Find

Cancel

By default, you are searching for confirmed or presumptive Oregon residents. To change the default, click on the Advanced tab for more options.

2. Then go to the Advanced Tab and click the New Request Button

# Orpheus County Feedback Meeting Agenda & Notes

Data for Public Health  
Policy

- When in the New Request, check Interviewed checkbox and choose the Omit option (see below):

The screenshot shows the 'Report Search' web application interface. At the top, there are navigation links: 'Find Requests', 'New Request', 'Delete Request', 'Perform Find', and 'Cancel Find'. Below this is a toolbar with 'Layout: ReportSearch', 'View As:' (list, grid, table icons), 'Matching records: Include Omit', and 'Insert: Operators'. The main header is 'Report Search' with a 'HOME' link. There are two tabs: 'Basic' and 'Advanced'. The 'Basic' tab is active. The interface is divided into several sections: 'Case' (left sidebar), 'Case Details' (right sidebar), 'Medical Contact' (right sidebar), and 'Enteric Lab' (right sidebar). The 'Case' section contains fields for Case ID, Disease, Disease Group, Subtype, Stage, Status, CDC Case Status, Onset Date, LHD Report Date, Date Assigned, Diagnosis, First Specimen, Local Epi / DIS, State Epi, Case County, Person County, State, Zip, HIV State, HIVCounty, HIVDate, AIDS State, AIDSCounty, AIDSDate, Occupation / Grade, Worksite, Age, Sex (radio buttons for F, M), Date Deceased, Is Deceased, Race, Hispanic (radio buttons for Yes, No, Unknown), and Language. The 'Case Details' section has checkboxes for Pregnant, Hospitalized, Symptomatic, and Interviewed (checked), and text boxes for EPILink, Outbreak ID, and Comorb Count. The 'Medical Contact' section has text boxes for Provider Name and Code, and checkboxes for Lab and Hospital. The 'Enteric Lab' section has text boxes for Xbal PHL, Blnl PHL, Xbal CDC, and Blnl CDC. At the bottom, there are text boxes for Date Created and Date Modified. Three callout boxes provide instructions: 1. '1. 1st click the New Request Button' pointing to the 'New Request' button. 2. '2. Then check the Interviewed Box' pointing to the 'Interviewed' checkbox. 3. '3. Then click on the Omit button' pointing to the 'Omit' button in the matching records dropdown.

June 12, 2014

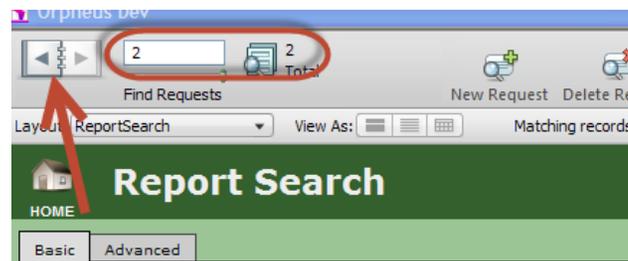
# Orpheus County Feedback Meeting Agenda & Notes

Data for Public Health  
Policy

You can have multiple Omit requests, but be sure they are always at the last part of the query. In other words, put the things you DO want at the beginning of the search requests, and always OMIT the things you don't want at the end of the query.

Matt showed how to use the Duplicate Request button when searching >1 disease in a similar query, stacking the query with the diseases he's looking for up front, and omitting at the end of the request. **By duplicating the request, it's easy to change just one field once the request has been duplicated.**

Not that the requests can be paged through at the top of the screen see below.



Once you've performed your find and have gotten your found list, you can click on the Modify Last Find button to modify your last find instead of starting over.

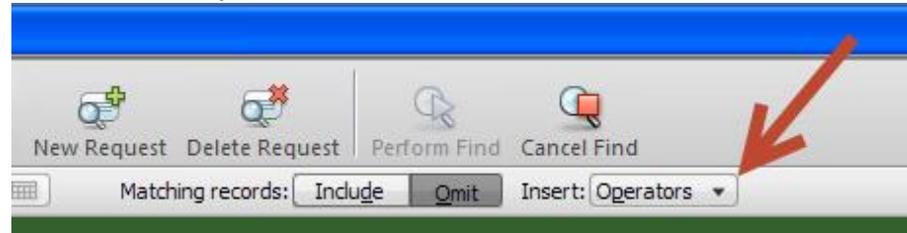


June 12, 2014

# Orpheus County Feedback Meeting Agenda & Notes

*Data for Public Health  
Policy*

Matt reviewed Operators in searches.



- < less than
- ≤ less than or equal
- > greater than
- ≥ greater than or equal
- = exact match
- ... range
- ! duplicates
- // today's date
- ? invalid date or time
- @ one character
- # one digit
- \* zero or more characters
- "" literal text
- ~ relaxed search
- == field content match

Googe filemaker pro 12 search operators for more details



filemaker pro 12 search operators

# Orpheus County Feedback Meeting Agenda & Notes

Jeff Capizzi asked about searching for exposures, such as a needle stick. For example, there's an Hepatitis C exposure question for health care worker. This question illustrates the importance of attempting to start at the table that holds the source data, in this case, risk data. We might be tempted to start with a case search and work our way to the exposure. A quick way to search is to start with the exposure answers. So, even though there are millions of exposure answers, it's still faster to begin the search in the exposure answers table.

From the Home Screen, go to Export | Exposure Search

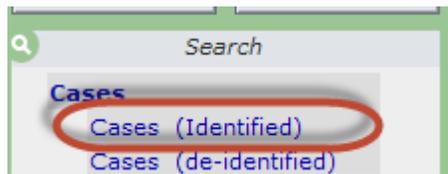
Here is an exposure search for "Yes" answers to needle stick.

The screenshot displays a search interface with three main sections: Exposure, Case, and Person. The Exposure section includes fields for Question ID, Label (needle stick), Answer (Yes selected), Note, and Question Type (Risk, Clinical, Followup). The Case section includes fields for Disease, Disease Group, Subtype, Stage, Status, Onset Date, LHD Report Date, Created, County, City, Zip, Sex, and Age (at Onset). The Person section includes fields for DOB, Race, Hispanic, Language, and Deceased. Action buttons include Perform Find, Cancel, New Request, Duplicate Request, and Delete Request.

# Orpheus County Feedback Meeting Agenda & Notes

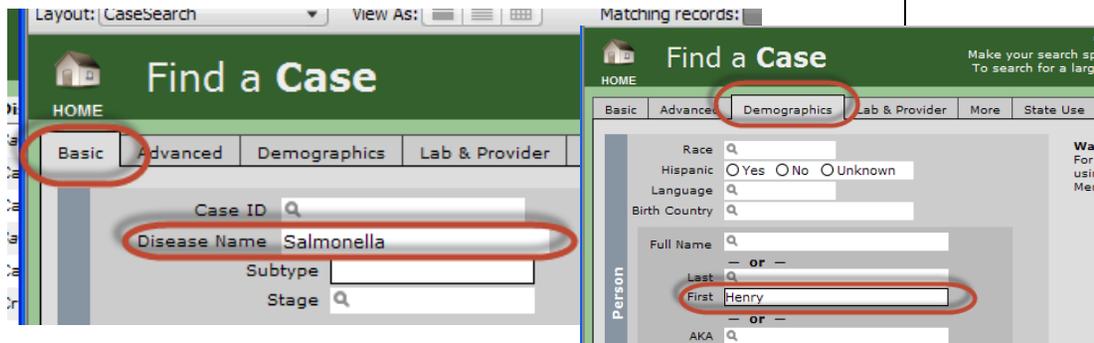
Roger Wirt asked if there was a way to write a detailed, Boolean, selections from interactive menus, or do you need to go into a script? Pretty much everything you can do in a script for detailed Boolean queries, you can do interactively “by example.”

**How would you search for someone whose first name is Henry and does not live in Multnomah County, and does not have syphilis, but did have *Salmonella*?**



This would take 3 easy search requests:  
Use the Cases (identified Search)

1. On the Basics Tab, enter Salmonella; On the Demographics Tab, enter Henry as the first name

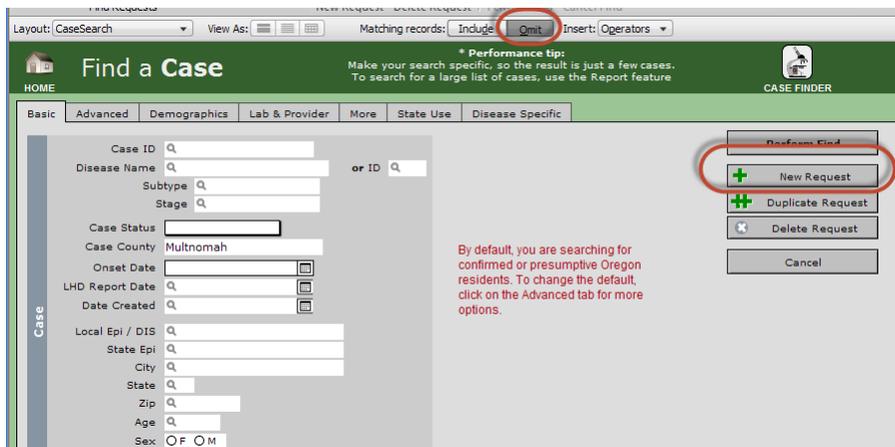


**Matt to work with Roger 1:1 with regard to specific queries.**

# Orpheus County Feedback Meeting Agenda & Notes

Data for Public Health  
Policy

2. Click on the new request button; Choose Multnomah, select Omit



Layout: CaseSearch View As: Matching records: Include **Omit** Insert: Operators

**Find a Case** \* Performance tip: Make your search specific, so the result is just a few cases. To search for a large list of cases, use the Report feature

HOME CASE FINDER

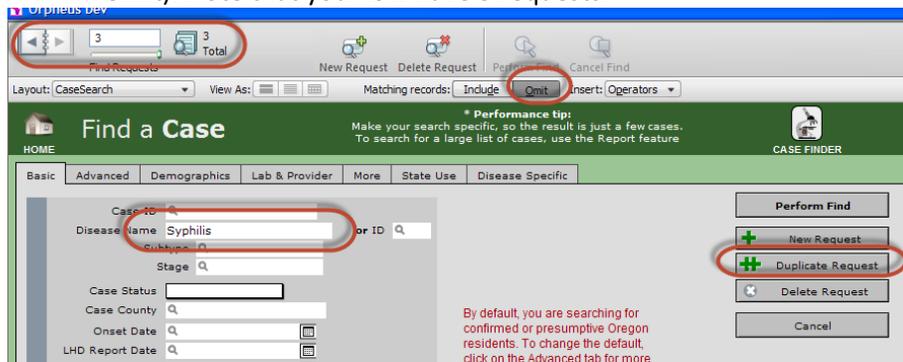
Basic Advanced Demographics Lab & Provider More State Use Disease Specific

Case ID Disease Name Subtype Stage Case Status Case County **Multnomah** Onset Date LHD Report Date Date Created Local Epi / DIS State Epi City State Zip Age Sex OF OM

By default, you are searching for confirmed or presumptive Oregon residents. To change the default, click on the Advanced tab for more options.

Perform Find  
+ New Request  
+ Duplicate Request  
Delete Request  
Cancel

3. Duplicate request (to keep the Omit selected), remove Multnomah County from the County field, enter Syphilis in the Disease name (to Omit). Note that you now have 3 requests.



Orpheus Dev 3 Total

Layout: CaseSearch View As: Matching records: Include **Omit** Insert: Operators

**Find a Case** \* Performance tip: Make your search specific, so the result is just a few cases. To search for a large list of cases, use the Report feature

HOME CASE FINDER

Basic Advanced Demographics Lab & Provider More State Use Disease Specific

Case ID Disease Name **Syphilis** Subtype Stage Case Status Case County Onset Date LHD Report Date

By default, you are searching for confirmed or presumptive Oregon residents. To change the default, click on the Advanced tab for more options.

Perform Find  
+ New Request  
+ Duplicate Request  
Delete Request  
Cancel

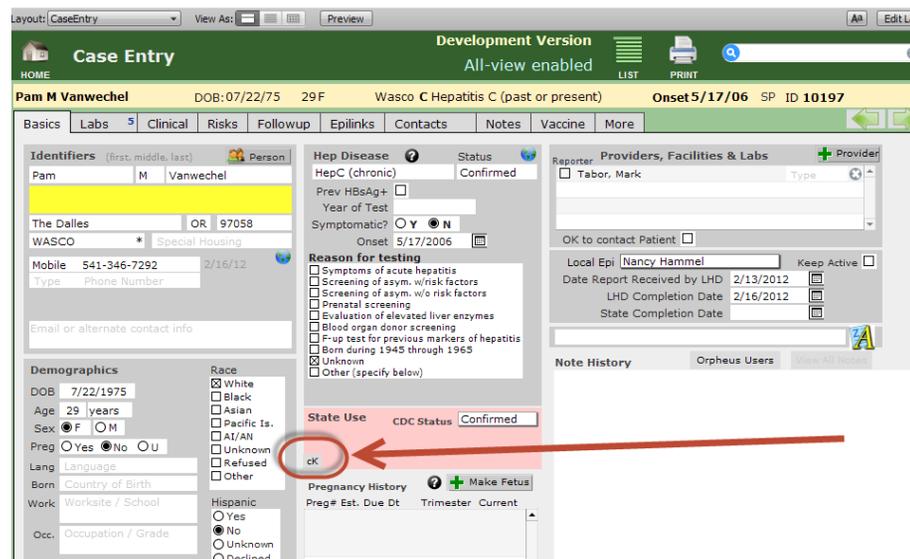
June 12, 2014

13

# Orpheus County Feedback Meeting Agenda & Notes

This query found one case in Orpheus Dev – Case ID 309749.

Jeff Capizzi inquired about quality assurance queries. Other than the QA reports that were built for count review purposes, Orpheus does not have extensive QA reporting; however for some disease, e.g., hepatitis C (chronic), there is the ability to use the cK (check) button to detect case-specific errors:



#### 4. Best Practices for Sorting in Orpheus – Matt Navarre

Try not to sort large data sets unless you have to. Unlike searching,

# Orpheus County Feedback Meeting Agenda & Notes

Data for Public Health  
Policy

Orpheus allows you to cancel the sort if it's taking too long.

## 5. Other Development updates – Matt Navarre

Dan has improved the Recent Tab on the home screen, which includes recently viewed cases, contacts, people, ELRs, providers, etc.; it also displays the table viewed and the disease, when applicable.

| Table   | County     | Description            | Disease        | Last Viewed          |
|---------|------------|------------------------|----------------|----------------------|
| Case    | Vasco      | Vanvechel, Pam M       | HepC (chronic) | 29[F] 5 minutes ago  |
| Case    | Lane       | Gerla, Henry E         | Salmonella     | 41[M] 49 minutes ago |
| Case    | Multnomah  | Adragna, Ricky         | HIV            | 23[M] Yesterday      |
| Case    | Washington | Furrow, Ezra M         | HIV            | 41[M] Yesterday      |
| Case    | Multnomah  | Nowinski, Roman A      | HIV            | 51[M] Yesterday      |
| Case    | Multnomah  | Skotnicki, Bertram J   | HIV            | 30[M] Yesterday      |
| Case    | Washington | Gillmer, Blake         | HIV            | 41[M] Yesterday      |
| Case    | Jackson    | Steinkirchner, Dirk    | HIV            | 55[M] Yesterday      |
| Case    | Multnomah  | Meisenburg, Geraldo A  | HIV            | 60[M] Yesterday      |
| Case    | Jackson    | Kanable, Janell Romero | HIV            | 57[M] Yesterday      |
| Contact | Marion     | Pierson, Myrtle        | 7/8/1967       | 40[F] Yesterday      |
| Person  | Multnomah  | Duwe, Quincy           | 3/24/1982      | 32[M] Yesterday      |
| Case    | Multnomah  | Duwe, Quincy           | HUS            | 32[M] Yesterday      |
| Case    | Multnomah  | Duwe, Quincy           | E. coli (STEC) | 26[M] Yesterday      |
| Case    | Multnomah  | Robben, Mika           | H. flu         | .95[M] Yesterday     |
| ELR     | Multnomah  | Jones, Jeremy J        | Pertussis      | [M] 8 days ago       |
| Contact |            |                        |                | [] 14 days ago       |
| Contact |            |                        |                | [] 14 days ago       |

## 6. Matt moved all the list options of a found set to a drop down menu for ease of use.

**Address List** | Export Address | Show Labels | PRINT

Choose: Address

**Alt Case List** | Export: Ad Hoc | Deceased | NETSS | PRINT

Choose: Alternate

Disease | Subtype | Name | Age | Sex | County | Occupation | DOB | Status | EIP ID | Pre

Users to explore the list options in the drop down menu; let State know if you have needs for another list with other fields.

# Orpheus County Feedback Meeting Agenda & Notes

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*Data for Public Health  
Policy*

|                                     |  |  |               |                 |  |
|-------------------------------------|--|--|---------------|-----------------|--|
|                                     | Different fields appear depending on the list you choose. Currently, 11 different lists are available.   |  |               |                 |  |
| 7.                                  | Training webinars have been happening on the first week of the month. A STD-focused training is coming up on July 23 <sup>rd</sup> .   | <b>Let June know of your training needs.</b> |               |                 |  |
|                                     | <p><b>Topic of the Month</b></p> <table border="1"> <tr> <td><b>Future Meetings (1:30 – 3pm)</b></td> </tr> <tr> <td>July 10, 2014</td> </tr> <tr> <td>August 14, 2014</td> </tr> </table> | <b>Future Meetings (1:30 – 3pm)</b>          | July 10, 2014 | August 14, 2014 |  |
| <b>Future Meetings (1:30 – 3pm)</b> |  |  |               |                 |  |
| July 10, 2014                       |  |  |               |                 |  |
| August 14, 2014                     |  |  |               |                 |  |