

# Orpheus User Feedback Meeting

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**Date:** December 12, 2019

**Time:** 1:30-2:30

**Place:** PSOB AOC, or via Webinar

**Purpose:** To share new features, user issues and gather feedback on development priorities for Orpheus, Outbreaks and Case log applications

**Outcome:** Users are kept informed about development projects and their needs are identified and prioritized.

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

**Counties:** Baker; **Benton** (Gerald,); Clackamas (); Clatsop (); **Columbia** (Mike, Lillia,); **Coos** (Brian); Crook (); Curry (); **Deschutes** (Valerie, Jill); **Douglas** (Bailey, Laura); Grant (); Harney (); Hood River (); Jackson (); **Jefferson** (Sarah); Josephine (); **Klamath** (Kellie, Sharon); **Lake** (Jill); **Lane** (Alice, Lisa, Michelle); Lincoln (); **Linn** (Debby, Jamie); **Malheur** (Angie); Marion (); **Morrow** (Shelley); **Multnomah** (Russ, Anne, Marta,); **NCPHD** ( Jeremy); **Polk** (Kirk); Tillamook (); Umatilla (); Union (); Willowa; Warm Springs (); **Washington** ( Carrie, Jennifer, Sue); **Yamhill** ( Kara)

**State:** Madeline, Michelle, Dave Dreher, Crystal Weston, June Bancroft, Steve Rekant, Renee, Rob, Missy, Cedric, Tom

**MSN Media:** Matt Navarre

AGENDA / BACKGROUND	Presenter(s)	Time
<b>Introductions -- 5 min</b>		
<b>Orpheus meeting minutes from Sept-Nov should be posted online soon</b>		
<b>Overall Orpheus updates –</b>		
<b>Find when starting Orpheus?</b> We needed to reboot the server once we learned of the issues with the find issue. This seemed to have solved the problem. We are not aware of why this occurred, but the reboot seemed to solve the problem. The state phone system is not always the best way to reach us, email is a better method to contact the tech team person. It is timelier as we do not have to login to the voicemail to check for any messages.		
<b>Features/Release notes –</b> If you are interested in new developments in Orpheus, you can check the release notes in Orpheus.		

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The screenshot shows the Orpheus user interface. On the left is a settings menu with buttons for 'Settings', 'D.U.D.E.', 'S:/', 'V:/', and 'Log Out'. Below these are links for 'Security Policy' and 'Release Notes'. The 'Release Notes' link is highlighted with a red arrow. Below the links, it says 'Orpheus Version: 4.109 1/30/2020'. On the right is a table titled 'Mutatis mutandis Orpheus Releases' with columns for 'Date' and 'Version'. The first row shows '1/30/2020' and '4.109'. Below the table is a list of release notes, with a red arrow pointing to the table header. The release notes include:

- For TB reporting: added Status field to TB report screen, and added TB Export button to Case List (only visible when case's disease is TB).
- Added a new disease "Person under monitoring" with a Bug name of "Coronavirus" -- disease ID is 287; as well as support for 14-day monitoring period.
- PT 2294 - Added auto-populating threshold and units fields to Environmental Samples; New feature to link a sample to contacts of a Lead case who also have Lead investigation cases.
- Found the bug that was causing blank Lab records created during Case Creation from ELR. The issue was the County List field in the ELR Record, which was being cleared unintentionally on a percentage of cases.

## Electronic Laboratory Reporting – is on a new schedule/other issues/concerns– all– 5 min

Due to server issues we are now processing ELRs first thing in the morning around 6:30 AM, then 10AM then around 1PM and then at the end of the day. Instead of trickling in they will be coming in blocks. This new schedule is to minimize server load.

Quest upgraded their messages a couple weeks ago. Some delay with records coming in the following AM rather than in the previous afternoon. There should be more data coming with the new ELRs.

The Children's Clinic – Lead reporting. Dave and lead program are still working with them.

Planned Parenthood stopped sending data last spring, we have a new plan in place and should hopefully have data sometime soon.

ELR interface rebuild is underway, this will replace the existing ELR processing. The initial phase of this is the central person search. There were many different types of searches for Orpheus. This was not very efficient, so we developed a central person search. If you use CD ELR search you will be using the new search. Historically the ELR search would try to find a person in Orpheus. It is now searching on many additional fields including medical records, race, in addition to other fields. This is now broken down into High, Medium and Low matches. You can still break a link when the person does not match – see below – the DOB are very different, so this is not the same person, break the link. This is challenging to demonstrate in the Orpheus development environment since we scramble the date of birth for all persons. In the old ELR search, if you found two records you would get the person ID's and had to click on them and then type the number into the blank field above it – see below. Now you automatically view the two records with some additional detail so you can decide which it correct. This should be more intuitive for the users.

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**You would then type in the box the one you want to match this to and create a case for.**

**Found two matching person**

Feick, Roberto 3/1958 Unknown HepC (chronic)

Search & Link Lab Report More

ELR Person Info

Last Feick

First Roberto

DOB 4/13/1958

Sex

Race

Hispanic

Phone

Addr

Person ID 5348

Medium quality match

2 matches: last, first, sex

2 matches: last, first, sex

Multiple possible matches were found. Click below to view the possible matches.

559320

534853

OF OM OX OU OR

White  Asian  AI/AN  Refused

Black  Pacific Is.  Unknown  Other

Hispanic  Yes  No  Unknown

Layout: PersonList View As: [Icons] Preview

Home Print Export

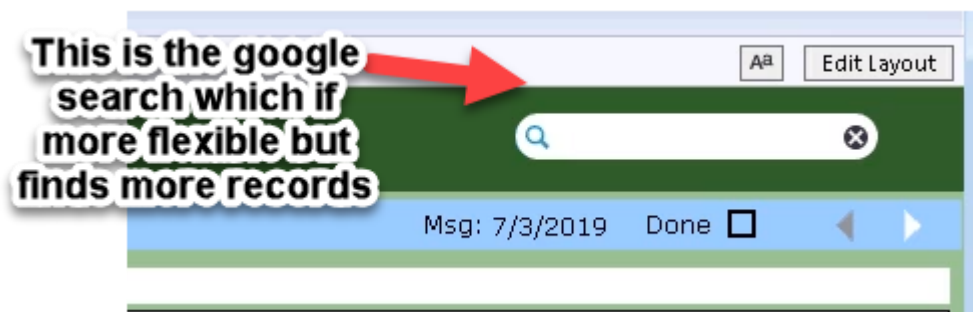
### Person List

Patient Name	DOB	Age	Sex	County	Race	Created	Cases	Person ID	Reviewed
Feick, Roberto A	07/23/50	69	M	Washington	White	01/10/14	1	534853	<input type="checkbox"/>
Feick, Roberto	01/01/80	39	M	Wasco	White	09/17/14	1	559320	<input type="checkbox"/>

If the search finds two persons that might be correct it will show you both rather than having to click on the numbers. This is more like when you use Create New Case – where you get a list of potential matches. The ELR system was created to find a really solid match.

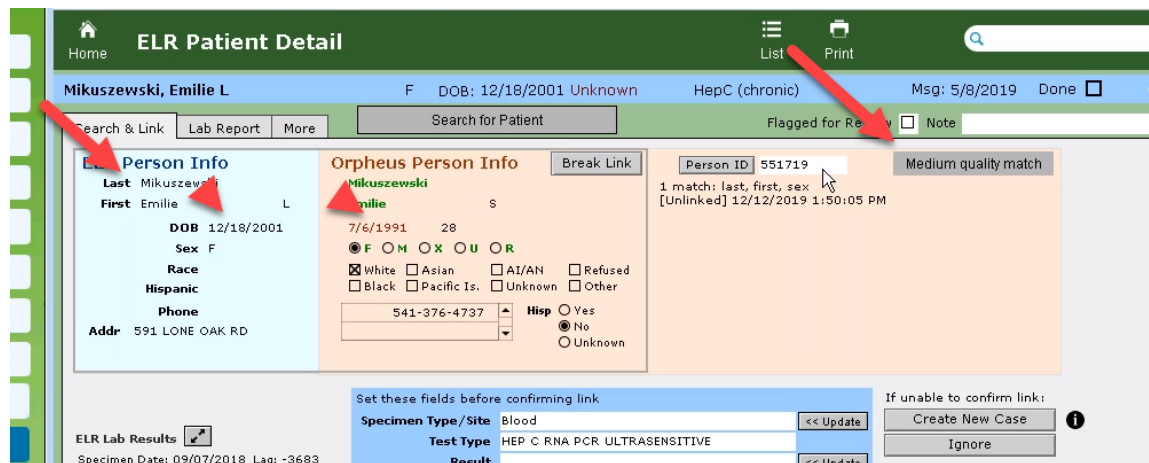
If users have situations where know they should find the person in Orpheus, please email the tech team with the person ID's so we can make the search smarter. The google like find (see image below) does not just search the person table. It is a flexible search on case, labs, ELRs and other tables in Orpheus. The google search returns more records found. The central person is much smarter and is looking for a high quality person match.

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The new search will build on itself. If you find people that you know are the same person, please email the tech team with the person ID numbers, we can deduplicate them. Do not send any confidential email, please just send the duplicate person ID's and let us know which you want to keep.

**When persons are merged – what happens to the cases?** In general, the tech team sends these to the epidemiologist responsible for the disease as there are different rules if they are a new case or not depending on the disease. The number that you see when you find a match, is now a decimal point score, **this is not a percentage accurate**, it is depending on what it used. We are considering color coding the matches that are found. This is very much a work in progress, but we are wanting to reduce the number of duplicate person records that are created.



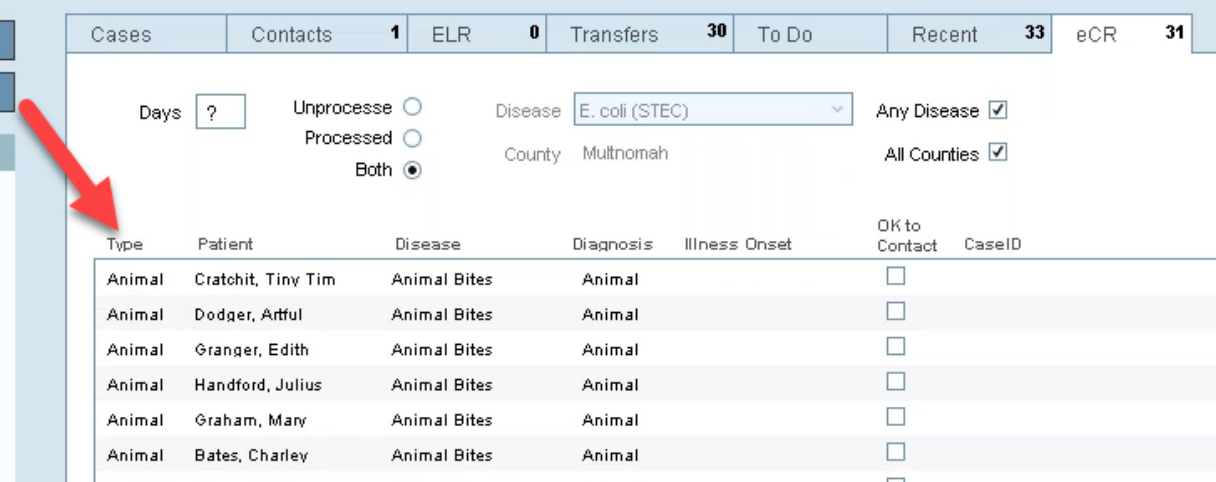
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## eCR tab – Michelle/Stephen - 5 min

We get three different types: eCr, animal bites, Morb reports

**Salem hospital animal bites** – this went live about a month ago only at Salem. Pilot project to test out reporting from a hospital

**OHSU – e CR** - electronic case reports - only getting from OHSU for rsv and flu – these are called eCR. In coming months, we are going to pilot with OCHIN to get sexual transmitted diseases. This is scheduled for late winter/early spring. This would have more information then you are now getting from a lab report. These will be processed the same way as an ELR but will have more clinical information.



The screenshot shows the Orpheus software interface. At the top, there are tabs for 'Cases', 'Contacts', 'ELR', 'Transfers', 'To Do', 'Recent', and 'eCR'. Below the tabs are search filters: 'Days' (set to '?'), 'Unprocessed' (radio button), 'Processed' (radio button), 'Both' (radio button), 'Disease' (dropdown menu set to 'E. coli (STEC)'), 'Any Disease' (checkbox checked), and 'County' (set to 'Multnomah'). Below the filters is a table with the following columns: 'Type', 'Patient', 'Disease', 'Diagnosis', 'Illness Onset', 'OK to Contact', and 'CaseID'. The table contains six rows of data, all with 'Animal' as the Type and 'Animal Bites' as the Disease.

Type	Patient	Disease	Diagnosis	Illness Onset	OK to Contact	CaseID
Animal	Cratchit, Tiny Tim	Animal Bites	Animal		<input type="checkbox"/>	
Animal	Dodger, Artful	Animal Bites	Animal		<input type="checkbox"/>	
Animal	Granger, Edith	Animal Bites	Animal		<input type="checkbox"/>	
Animal	Handford, Julius	Animal Bites	Animal		<input type="checkbox"/>	
Animal	Graham, Mary	Animal Bites	Animal		<input type="checkbox"/>	
Animal	Bates, Charley	Animal Bites	Animal		<input type="checkbox"/>	

**Morbidity reports** – come in through online case reporting tool, Memento Morbi. This was put in to replace faxed reports from providers, very limited information. We sometimes see Hep reports from a plasma center. This is a place where a provider could report a case and have it feed into Orpheus.

## New person search – June/Michelle/ - 10 min – tabled until Matt arrives

## REAL-D check in; - June/all – 5 min

June reviewed how the REAL D module works, remember this is **self-reported** race. You can still see the old race data on the far right side of the screen. The new race data is populating the original race field so that we can still report on race. Please take a look at the training module if you have questions why we are doing this. If the REAL D field is **highlighted** means that the REAL D questions have not been asked. June recommended viewing the online training, this is available on the Orpheus website. We are one of the first programs to implement, thanks to the workgroup team.

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## Orpheus data visualization; updates – June – 5

Madeline has made great progress beautifying the annual, monthly and weekly reports using tableau. We also had a meeting with Multnomah County to talk about working together and collaboration. No real actions items from the meeting. Michelle did create an extract for the tri county area that is exported nightly. We are making progress creating a SQL table of the Orpheus report table for use with Tableau. This was done because Tableau works better with SQL. The state is working on a division wide initiative to use Tableau to visualize data. This will be available to users within Orpheus itself, and will be more dynamic then our existing reports. We will also be bringing in and creating reports on exposure data.

Crystal asked about live linking to the web reports on a regular basis. Currently, we do have these data up online in a timely basis, but it is a manual export from Orpheus and posting of a pdf. The vision is that Orpheus data will be both for internal and external use using tableau. Goal is to make it more dynamic.

Upcoming trainings, please register for the training webinars and the webinar will send you an email reminder. All the emails that June sends out to users is based on having a valid email address and the Email OK box checked in your user settings. We have also implemented emails of “to do’s” – this is also a checkbox in Orpheus. This was a feature for smaller counties with low volumes of illness to let them know that they have a “to do” in Orpheus that needs attention. These would be sent once a week. Michelle to check and see if the schedule is set up. Only one user has the box checked at this time.



**Training topics (first Wednesdays 10:30-11:30) – 5 min**

**Jan 8<sup>th</sup> – 2019 outbreak potpourri –**

**Ideas? CP-CRE and NTM, MDRO registry, MDRO toolkit, HAI investigation guidance, Standard precautions**

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These topics seemed good to users. If you have other training topics send them to June.

June has sent out training webinar links to previously recorded webinars. The older versions might confuse some new users do the continually evolving interface. If you find one of these confusing, please let June know so that she can remove the link.

**Future Meetings: Jan 9<sup>th</sup>, Feb 13<sup>th</sup> User Group – 1:30-2:30**

**Monthly Ad Hoc Training Webinar (first Wednesdays 10:30-11:30)** <https://attendee.gotowebinar.com/register/18062072211468035>

**Monthly User Group Webinar (second Thursdays 1:30-2:30)** <https://attendee.gotowebinar.com/register/2223628521460438531>