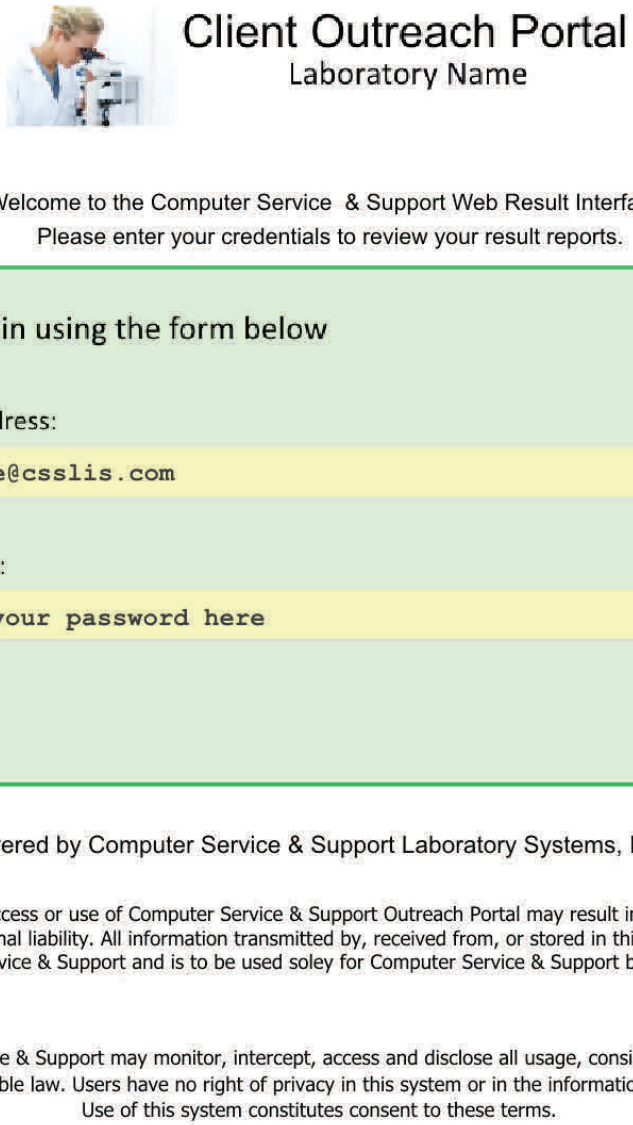
Web Outreach Portal

Introduction:

The Avalon LIS Web Outreach Portal is an innovative website that provides our valued clients and doctors with the ability to enter and/or review orders and results right on the web. It uses a friendly graphical user interface allowing designated users to utilize all of the portals components quickly and easily.



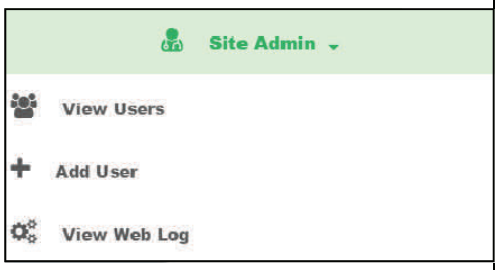
Logging In

Logging in to your Outreach Portal is an simple and secure procedure. Simply navigate to the website provided by the laboratory and enter into the field your Email Address and Password. Once all of your login credentials are entered select the 'Login' button to continue.

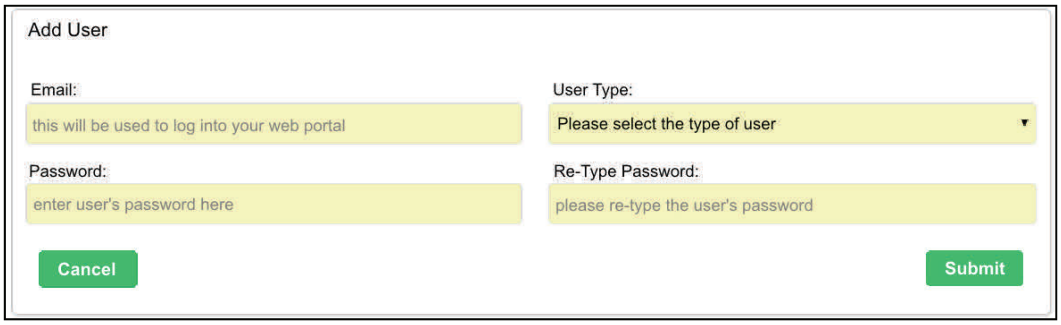
There may be many users accessing the same outreach portal at anytime, but the administrator(s) has the power to grant and revoke the other user's privileges. The administrator(s) is able to add, edit and remove users from the portal, and for this reason the amount of administrative users should be very limited.

Web Outreach Portal

Administration

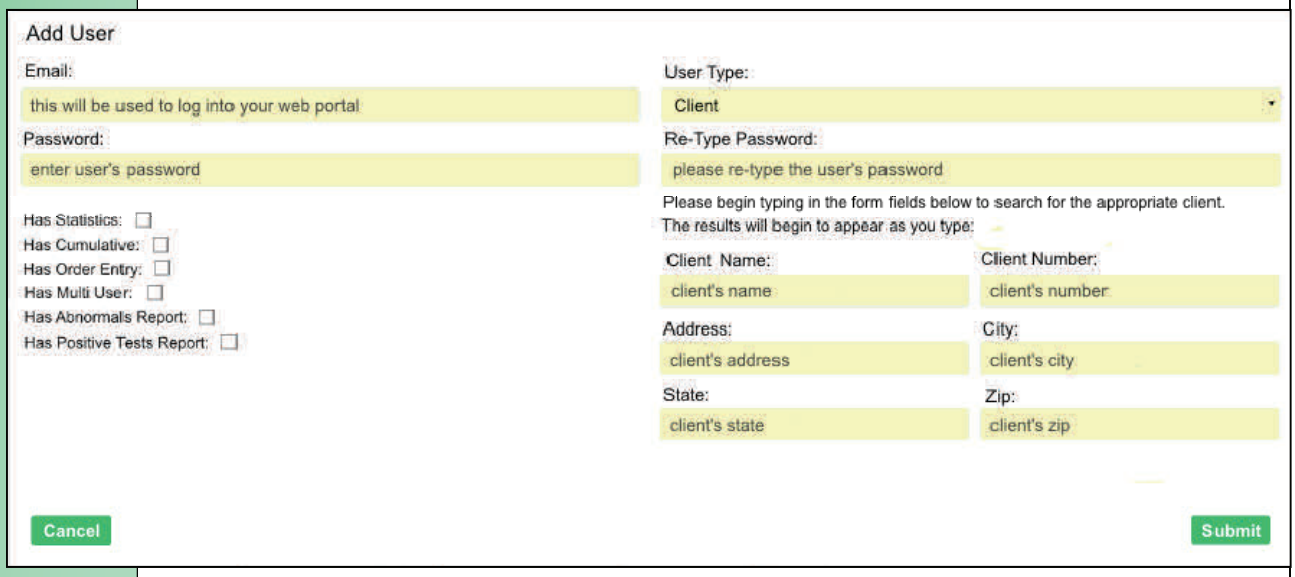


Once you login, you will see the administration screen. By clicking on the Site Admin button on the upper left of the screen, you will bring up the User Administration Menu**.** This main menu contains all of the administrative functions you will need to manage your users. As you click through each selection, you can see how each one breaks down to give you the elevated functionality.
As an Administrator the user can perform many tasks that are not available to a standard user. Administrators are able to add new users to the portal, edit existing users, and setup client specific features.



Adding Users

To add a new user, you must first select Add User from the Site Admin menu. After selecting the Add User option, a new window will open displaying all of the required fields that must be populated regardless of what type of user is being added. Selecting Add Client will open a new prompt that asks for the new client's information. In the add client window all fields are required, so they must all be filled in completely and correctly. After all fields are completed you can then click the Submit button to finalize the operation or click Cancel to close the window without saving any changes. (Shown Below)



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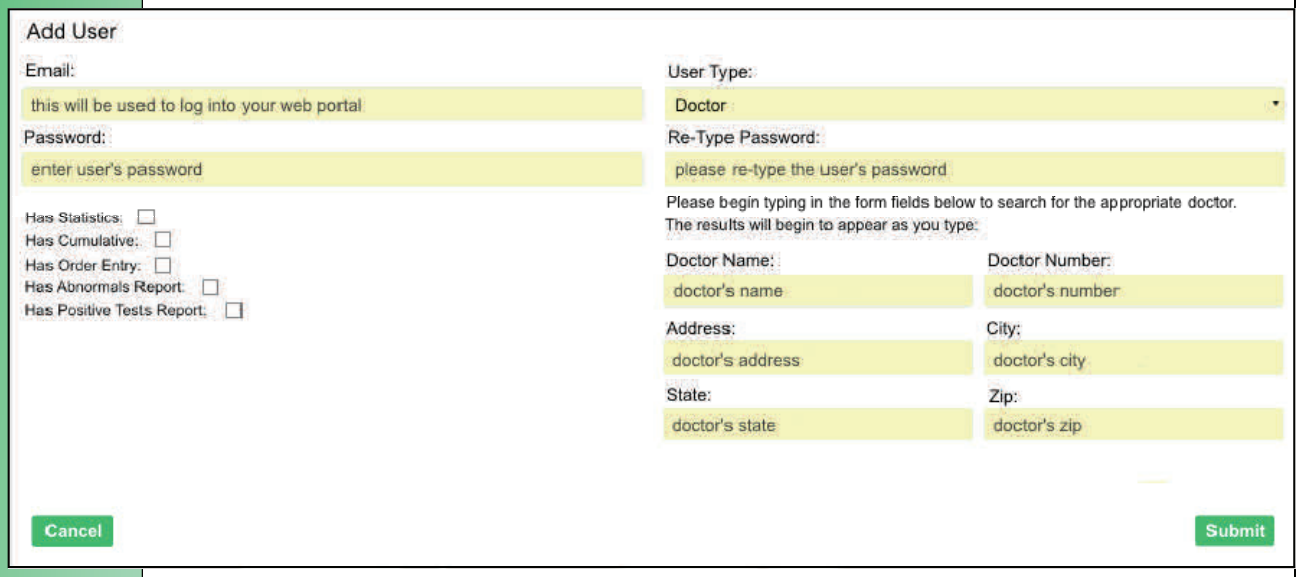
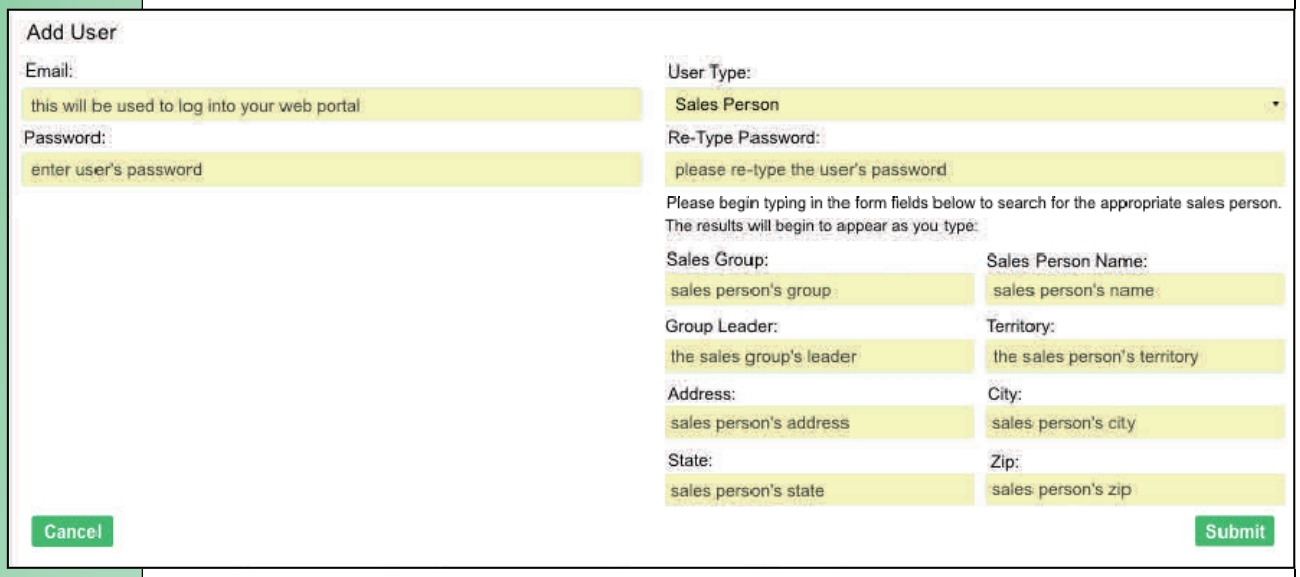
Adding Users Cont.

You can select between multiple user from the User Types drop down box. (Shown) The new user can be another Administrator, a Client, a Doctor, an Insurance, or a Sales Person. In addition to all of the required fields that must be populated there are check boxes that allow for modification of user specific features depending on your selection.



Selecting Add Doctor will open a new prompt that asks for the new doctor's information. In the add doctor window all fields are required, so they must all be filled in completely and correctly. This is nearly identical to the way you would add a new client.

The client selected will be associated with the doctor to be added, but this can changed later on if the doctor's clientele changes by editing the user. After all fields are completed you can then click the Submit button to complete the operation, or click the Cancel button to exit the operation. (Shown Below)

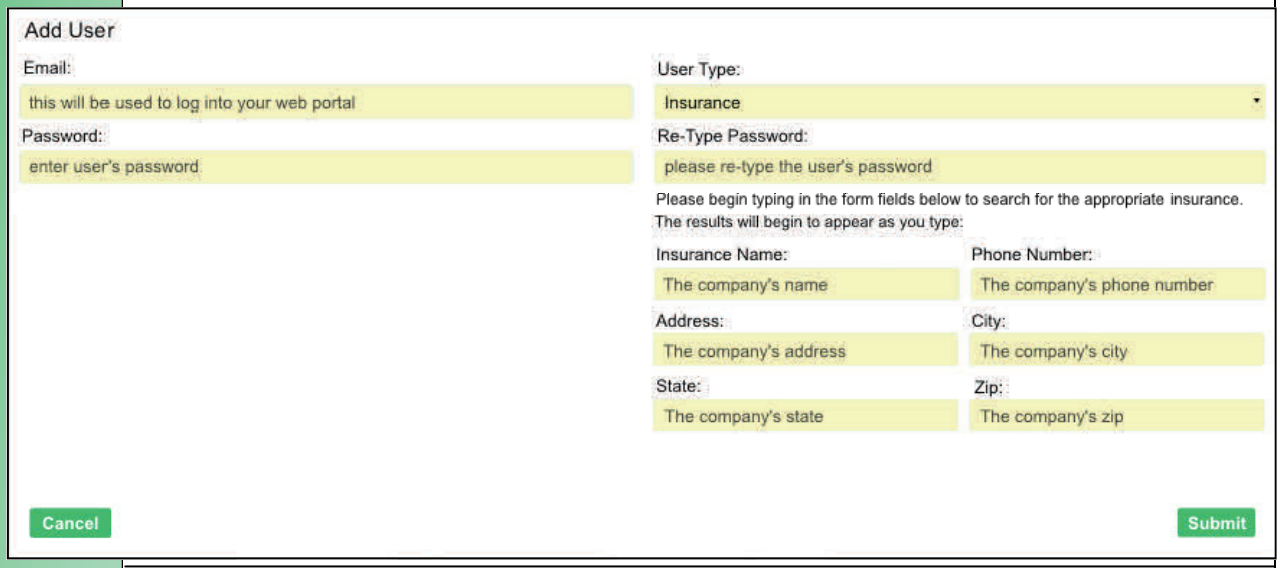


Web Outreach Portal

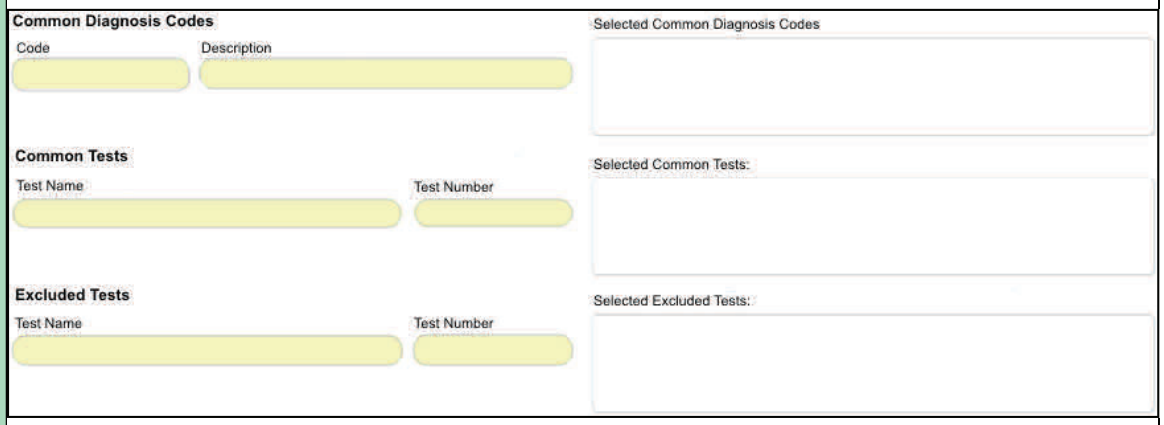
Adding Users Cont.

Selecting Add Insurance will open a new window that asks for the new insurance's information. In the add doctor window all fields are required, so they must all be filled in completely and correctly. This is nearly identical to the way you would add a new client. (Shown Below)

The option to add an insurance may not be available to every administrator. If add Insurance is not on the User Type drop down box navigate to the home screen and select Edit for the user that you are currently using. One of the checkboxes in the edit administrator screen is labeled Can Manage Insurance Users. This must be selected in order to add/edit insurances. By default this option is only available to the first administrator for security.



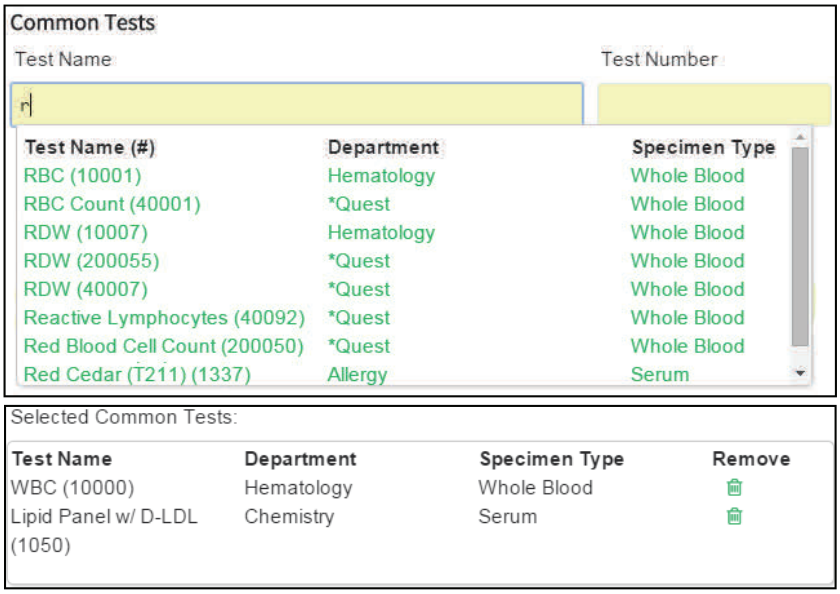
When adding a new client a series of checkboxes will appear on the right hand side of the screen. These boxes correlate to functions that will be available to the new client. If the Has Order Entry box is selected new items will be added to the window. (Shown Below)



Web Outreach Portal

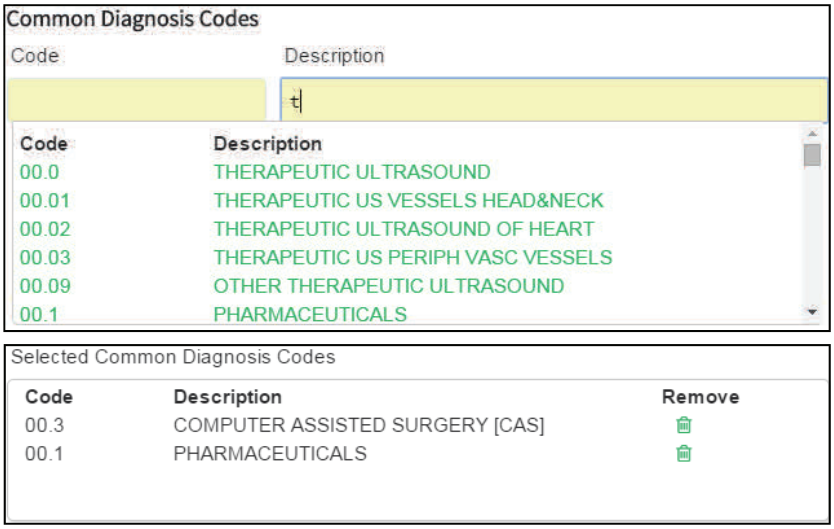
Managing Tests

After selecting the checkbox, you will be prompted with a new set of fields displaying Common Tests, Common Diagnosis Codes, and Exclude Tests. If you add a list of Common Tests or Common Diagnosis Codes to a user the client will then be able to check off the tests to be added to their orders, rather then searching for each test one at a time.
You can also add Exclude Tests to a client to exclude them from their orders. After all test to be excluded are selected, you can simply click the Submit button to finalize the process. Excluded tests will no longer show up in a client's test search when they log in to review their order.



Common Tests & Diagnosis Codes

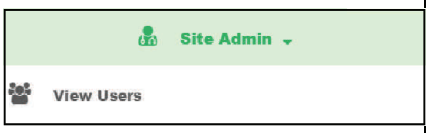
After selecting the client you will then be able to add Common Tests or Common Diagnosis Codes for the client, either by searching for the them by Name or Number. If you want to add Common Tests you can start to type the name or number of the test into the fields and a list of the available choices will be displayed based on what has been typed into the field. You can then add all of the common tests on a per client basis. This functionality works the same way for Common Diagnosis Codes and Excluded Tests. Once all tests are found you can click Submit to save the client's information.

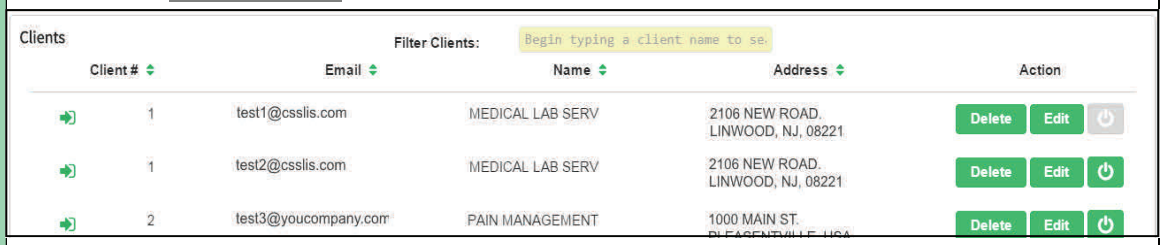


Web Outreach Portal

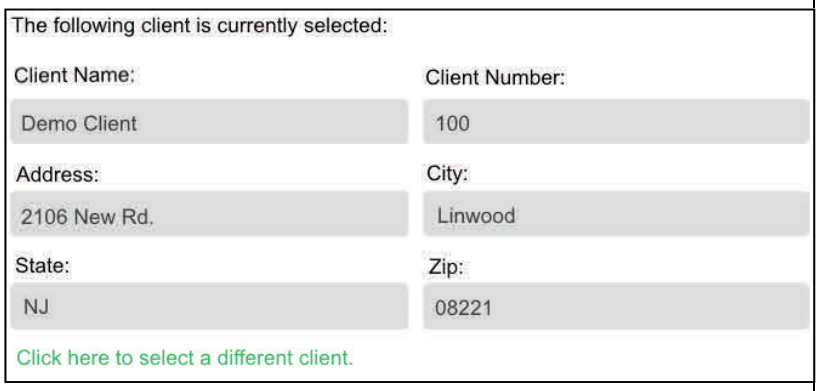
Editing Users

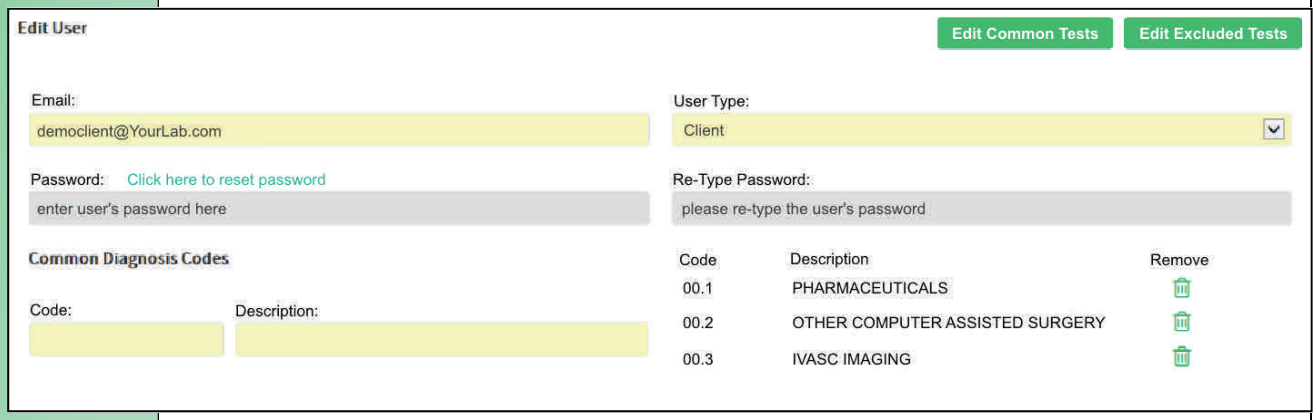
From the main screen of the portal the administrator that is currently logged in can see a list of all existing clients and administrators they have control over. The clients number, name, address, and email are displayed along with the options to Delete or Edit. Under the Action column you can also turn a user on or off by selecting clicking the button with the power icon on it. This will turn the button grey until they are turned back on which will turn the button green again.





If any changes need to be made to an existing Client or Doctor, you can use the Edit User option from the Web Portal Administration home screen. This will allow you to edit any and/or all information related to the user. If you wish to remove a user from the system you can selected the Delete button located at the end of the users line. Once a user is deleted the only way to get them back is by adding the user again.





Web Outreach Portal

Editing Users Cont.

You can select from any of the options originally granted to the user when they were created. All of the users information will be displayed (Shown Below) including any Common Tests, Common Diagnosis Codes, or Excluded Tests that were previously enter onto the client. After editing the user's information, you can save the changes by clicking the Submit button or Cancel to exit the operation.

Edit User

Email: test@csslis.com

Password: Click here to reset password

enter user's password here

Has Statistics: ☑
Has Cumulative: ☑
Has Order Entry: ☑
Has Multi User: ☐
Has Abnormals Report: ☑
Has Positive Tests Report: ☑

User Type: Client

Re-Type Password: please re-type the user's password

The following client is currently selected.

Client Name: Demo Client
Client Number: 100
Address: 2106 New Road
City: Linwood
State: NJ
Zip: 08221

Click here to select a different client

Common Diagnosis Codes

Code | Description

Selected Common Diagnosis Codes

Code	Description	Remove
00.1	PHARMACEUTICALS	
00.2	THERAPEUTIC ULTRASOUND OF HEART	
00.23	IVASC IMAGING PERIPHERAL VESSELS	

Common Tests

Test Name | Test Number

Selected Common Tests

Test Name	Description	Specimen Type	Remove
% Saturation	Chemistry	Serum	
2-OH Ethyl Flurazepam	Toxicology	Urine	

Excluded Tests

Test Name | Test Number

Selected Excluded Tests

Test Name	Department	Specimen Type	Remove
2-OH Ethyl Flurazepam	Toxicology	Saliva	

Cancel Submit

When you are finished viewing the users in the system, you can exit to the previous screen by simply clicking on Cancel located at the bottom of the window prompt. Show below are some examples of unique options that will be available to the admin depending on what type of user they are adding/editing. Some of the shown options will display new fields for the user.

Can Invalidate Reports: ☐
Can Manage Insurance Users: ☐
Can Manage Order Entry: ☐
Can Manage Sales Users: ☐
Can View User Statistics: ☐
Is Owner/Manager: ☐

Has Statistics: ☑
Has Cumulative: ☑
Has Order Entry: ☑
Has Multi User: ☐
Has Abnormals Report: ☑
Has Positive Tests Report: ☑

Web Outreach Portal

Common Tests

This is where you can select the tests to be excluded from the order or the common tests to be added to the order. After selecting the checkbox, you will be prompted with a new set of fields displaying Common Tests, Common Diagnosis Codes, and Exclude Tests. You can add Exclude Tests to a client to exclude them from their orders. After all test to be excluded are selected, you can simply click the Submit button to finalize the process. Excluded tests will no longer show up in a client's test search when they log in to review their order.

Has Order Entry: ☑

Common Tests Codes Example

Selected Common Tests:

Test Name	Department	Specimen Type	Remove
WBC (10000)	Hematology	Whole Blood	
Lipid Panel w/ D-LDL (1050)	Chemistry	Serum	

Common Diagnosis Codes Example

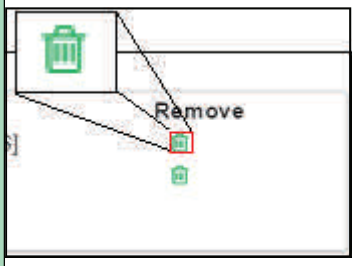
Selected Common Diagnosis Codes

Code	Description	Remove
00.3	COMPUTER ASSISTED SURGERY [CAS]	
00.1	PHARMACEUTICALS	

Excluded Tests Example

Selected Excluded Tests:

Test Name	Department	Specimen Type	Remove
Opiates (22)	Toxicology	Urine	
Benzodiazepines (1610)	Toxicology	Saliva	

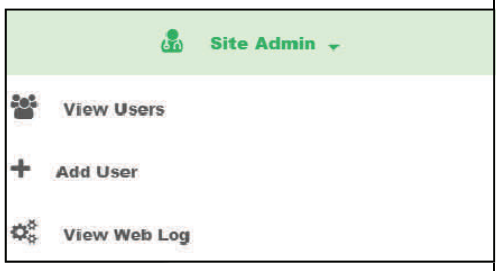


If a test needs to be removed from the user, the client must click the Trashcan Icon next to the test they wish to be removed. (Shown Right)

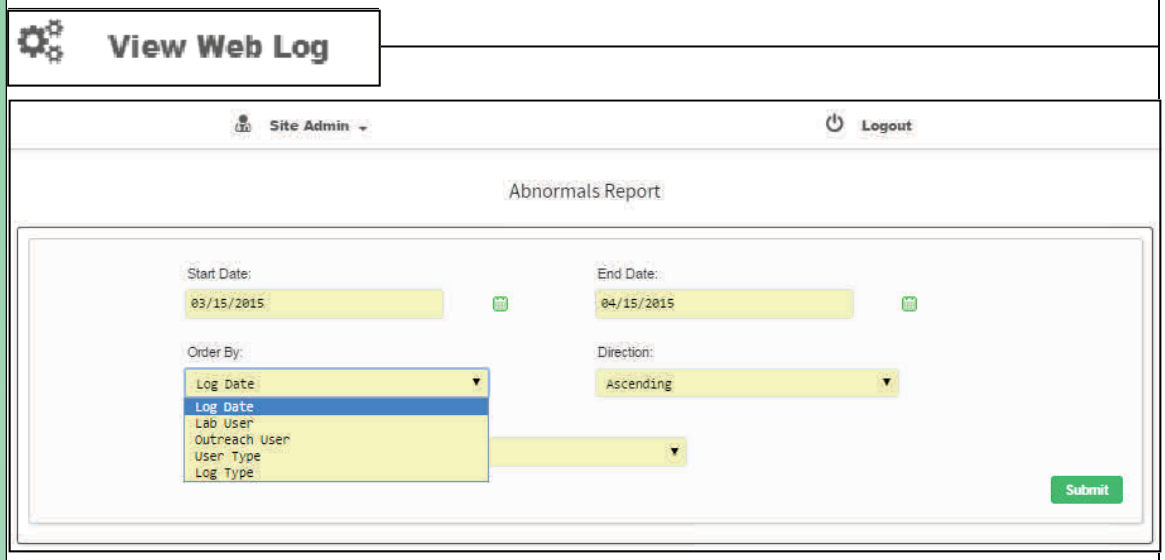
Web Outreach Portal

Web Log

The last menu option of the Site Admin menu is “View Web Log”.



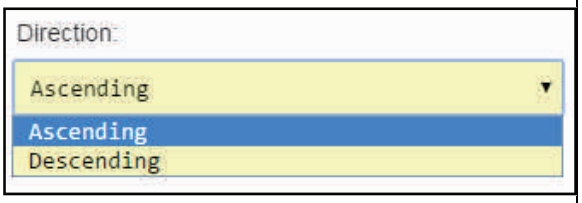
Under this menu option the user will be prompted with the Abnormals Report. The report is produced by entering in a date range as well as how the user wants the report data to be sorted.

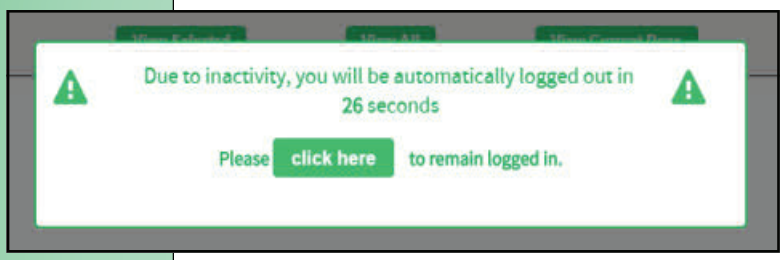


Shown in the screen above are the parameters that are displayed to run the Abnormals Report. The user must enter the Start and End dates as well as the result ordering preferences.

The Abnormals Report can be sorted by Log Date, Lab User, Outreach User, User Type, and Log Type.

The user also has the option of choosing the direction of the ordering.



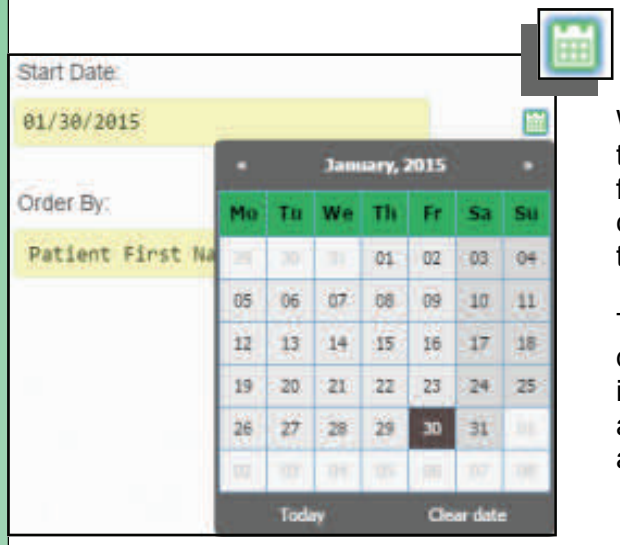


The dialog shown on the left will be displayed if the Outreach Portal is left open on the web browser for more then a couple minutes without use. This dialog contains a timer giving the user 30 second to click on the button to continue the session.

Web Outreach Portal

Web Log Cont.

The Abnormals Report contains parameters for the user to enter that are very similar to the other reports that can be found on the Outreach Portal. Shown in the screen shots are the available parameters that are given to the user to run the Abnormals Report. The user must enter the Start and End dates as well as the result ordering preferences.



When running reports the user can utilize the calendar icon next to the Date Range fields. This icon will pop up a dynamic calendar for the user to quickly selected the value they wish to enter into the field.

The user can easily search through days, months, and years. Once a day is selected on the calendar it is automatically entered into the field it is associated with.

The Abnormals Report can have it's results ordered by Patient First Name, Patient Last Name, Accession Number, and Test Name. The user also has the option of choosing the direction of the result sorting. The results can be sorted Ascending or Descending based on the 'Order By' parameter chosen.

Web Outreach Portal

The Abnormals Result Report displays the Accession, Patient Name, Test Name, Date Reported, and the Abnormal Flag that the result produced while being resulted. The Abnormal Flag can be Abnormal, Abnormal Low, Abnormal High, Abnormal CID Low, and Abnormal CID High. The Abnormal Flag is determined by the test information entered by the user for what constitutes an abnormal test result and how much variance there was between the entered number and the test result..
This report can be downloaded or printed just like the other Reports and Forms contained on the Outreach Portal.

Sorted By: Patient Last Name, Ascending
Date Reported: 05/02014 to 01/29/2015

Abnormals Result Report

Accession	Patient Name (#)		Test Name (#)	Date Reported	Abnormal Flag
5	Fedeli, Bert	(BF03051984)	Insulin (1200)	5/24/14 6:09 PM	Abnormal High
6	Fedeli, Bert	(BF03051984)	Insulin (1200)	5/24/14 6:38 PM	Abnormal High
6	Fedeli, Bert	(BF03051984)	LDL (59)	5/24/14 6:38 PM	Abnormal High
6	Fedeli, Bert	(BF03051984)	Triglycerides (781)	5/24/14 6:38 PM	Abnormal High
5	Fedeli, Bert	(BF03051984)	Lp(a) (312)	5/24/14 6:07 PM	Abnormal CID High
5	Fedeli, Bert	(BF03051984)	Magnesium (688)	5/24/14 6:08 PM	Abnormal High
6	Fedeli, Bert	(BF03051984)	Magnesium (688)	5/24/14 6:39 PM	Abnormal CID High
103422	Fedeli, Bert	(BF03051984)	Potassium (990)	6/11/14 12:35 AM	Abnormal CID High
103422	Fedeli, Bert	(BF03051984)	Sodium (989)	6/11/14 12:35 AM	Abnormal CID Low
6	Fedeli, Bert	(BF03051984)	Total Bilirubin (52)	5/24/14 6:39 PM	Abnormal High
5	Fedeli, Bert	(BF03051984)	Total T3 (7)	5/24/14 6:08 PM	Abnormal High
6	Fedeli, Bert	(BF03051984)	Total T3 (7)	5/24/14 6:39 PM	Abnormal High
5	Fedeli, Bert	(BF03051984)	Vitamin D (141)	5/24/14 6:07 PM	Abnormal Low
6	Fedeli, Bert	(BF03051984)	Vitamin D (141)	5/24/14 6:38 PM	Abnormal Low
5	Fedeli, Bert	(BF03051984)	Non-HDL (951)	5/24/14 6:07 PM	Abnormal CID High
6	Fedeli, Bert	(BF03051984)	Non-HDL (951)	5/24/14 6:38 PM	Abnormal High
5	Fedeli, Bert	(BF03051984)	VLDL (966)	5/24/14 6:07 PM	Abnormal High
103422	Fedeli, Bert	(BF03051984)	Marijuana (100)	6/11/14 12:35 AM	Abnormal High
100	Fedeli, Bert	(BF03051984)	Hydromorphone (6004)	5/21/14 6:04 PM	Abnormal High
6	Fedeli, Bert	(BF03051984)	sd-LDL (2975)	5/24/14 6:39 PM	Abnormal CID High
5	Fedeli, Bert	(BF03051984)	HDL2b (2965)	5/24/14 6:08 PM	Abnormal CID High
6	Fedeli, Bert	(BF03051984)	HDL2b (2965)	5/24/14 6:39 PM	Abnormal CID High
5	Fedeli, Bert	(BF03051984)	Uric Acid (700)	5/24/14 6:08 PM	Abnormal High
5	Fedeli, Bert	(BF03051984)	Uric Acid (700)	5/24/14 6:39 PM	Abnormal High

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Fast, convenient electronic ordering, prompt turnaround and electronic resulting reduces potential for errors and increases patient safety. The portal eliminates transcription, reduces labor costs, increases both clinician and patient satisfaction and contributes to the highest standard of patient care and client loyalty.

Web Outreach Portal

Introduction:

The Avalon LIS Web Outreach Portal is an innovative website that provides our valued clients and doctors with the ability to enter and/or review orders and results right on the web. It uses a friendly graphical user interface allowing designated users to utilize all of the portals components quickly and easily.

Client Outreach Portal

Laboratory Name

Welcome to the Computer Service & Support Web Result Interface.
Please enter your credentials to review your result reports.

Please login using the form below

Email Address:

example@csslis.com

Password:

enter your password here

Login

Powered by Computer Service & Support Laboratory Systems, Inc.

Unaurthorized access or use of Computer Service & Support Outreach Portal may result in discriplinary action and civil or criminal liability. All information transmitted by, received from, or stored in this system is property of Computer Service & Support and is to be used soley for Computer Service & Support business purposes.

Computer Service & Support may monitor, intercept, access and disclose all usage, consistent with Company policy and applicable law. Users have no right of privacy in this system or in the information accessed through it. Use of this system constitutes consent to these terms.

Logging In

Logging in to your Outreach Portal is a simple and secure procedure. Simply navigate to the website provided by the laboratory and enter into the field your Email Address and Password. Once all of your login credentials are entered, select the 'Login' button to continue.

There may be many users accessing the same outreach portal at anytime, but the administrator(s) has the power to grant and revoke the other user's privileges.

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Web Outreach Portal

Reports Order Entry Result Search Logout

Result Search

Clients receive results using nothing more than a Log In ID (email address), password, and an Internet browser. Access is assigned, per user, by the client's designated Administrator(s). Several levels of access are available for assignment by your client's administrator.
For example, if you chose to give patients access, they will only be able to see their own orders and results. Ordering clinician access is limited to each clinician's own patients. Client Administrator access allows clerical or administrative staff to see all results for the client lab or practice, sorted in any order necessary: individually, by Clinician, by day, by week, by month, by year, etc. Client staff can also download several useful statistical reports pertaining to your account, your testing and your patients, as well.

Result Search

Last Login: 02/11/2015 10:07:05 AM

Patient Fields

First Name: Last Name:

Date of Birth: (MM/DD/YYYY) Id/EMR/Chart #:

ex: 01/01/1980

Doctor Fields

First Name: Last Name:

Result Fields

Date of Service
From: enter beginning date of service To: enter the ending date of service

Date Reported
From: enter beginning date reported To: enter the ending date reported

Specimen Date
From: enter beginning specimen date To: enter the ending specimen date

Imported/Created
From: enter beginning date created To: enter the ending date created

Accession:

Abnormals Only:
Unprinted Reports:
Since Last Login:
Invalidated Only:

Include orders not yet received by lab:

Submit

Result Search is the first page displayed upon logging into the Outreach Portal. (shown above) This screen allows the user to search for results by utilizing many different parameters, such as patient and doctor demographics. Results can also be retrieved by attributes of the results as well, such as Date of Service, Date Reported, Specimen Date, and Accession.
The Result Search also contains checkboxes to limit the results returned to the precise need of the user. This allows the user to search by Abnormal, Unprinted, Invalidated, or even new results since their last login.

Web Outreach Portal

In the example search shown in the screen below, the patients name was used as a search criteria. This search returned all orders for that particular patient, and can be sorted by selecting any of the column headers. The user can then choose to view the reports by selecting the 'View' checkbox for one or multiple orders. The user also has the option to select the 'View All' button to display all available result reports.

Reports | Order Entry | Result Search | Logout

4 result orders found — Amount Per Page: 10

Action	View	Accession	Doctor (Num)	Client (Num)	Patient Name	Order Date	Specimen Date	Status
		311	100	MEDICAL LAB SERV (1)	JOHN TEST	05/24/2014 03:15:00 PM	05/24/2014 03:15:00 PM	Avalon Entered
		1014	101	MEDICAL LAB SERV (1)	RYAN PIPER	05/14/2014 01:50:00 PM	05/14/2014 01:50:00 PM	Avalon Entered
		16	100	MEDICAL LAB SERV (1)	JOHN TEST	04/30/2014 04:37:00 PM	04/30/2014 04:37:00 PM	Avalon Entered
		100000	100	MEDICAL LAB SERV (1)	JOHN TEST	04/29/2014 10:06:00 PM	04/29/2014 10:06:00 PM	Avalon Entered

View Selected | View All | View Current Page

Page 1 of 1

First « 1 » Last

Shown in the screen below is an example of a Result Report. The report displays the patient's demographic information as entered into the system along with the tests and their corresponding results. Additional information is also displayed on the reports such as the test's cutoff values, and the positive values detected.

Reports | Order Entry | Result Search | Logout

Return to search results | Download report

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Laboratory Report
2106 New Road, Linwood, NJ, 08221
Phone: (609) 653-6444 | Fax: (609) 653-9439
http://www.csslis.com

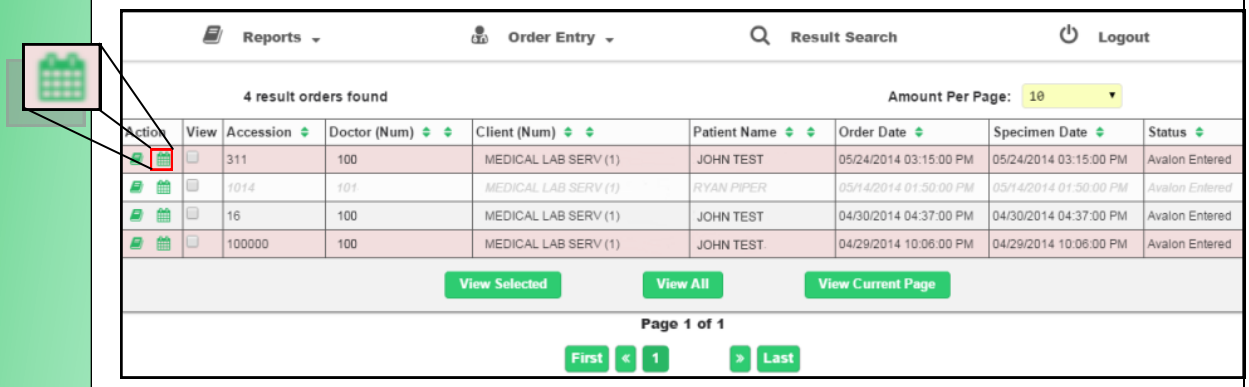
Patient's Name	Date of Birth	Gender	Patient Id	Accession Number
John Doe	09/20/1981	Male	311-311	311
Ordering Physician	**Collected Date**	**Date Received**	**Reported Date**	**Printed Date/Time**
Dr. John H. Watson	5/24/2014	5/24/2014	5/24/2014	2/9/2015 17:20

Prescribed Medication(s):

Test Screen	Results	Cutoff	Conc
Marijuana	NEG	32 ng/mL	
Amphetamine	NEG	50 ng/mL	
Cocaine	NEG	50 ng/mL	
Carisoprodol	NEG	100 ng/mL	
MDMA (Ecstacy)	NEG	100 ng/mL	
Meperidine	NEG	50 ng/mL	
Meprobamate	NEG	100 ng/mL	
Methamphetamine	NEG	100 ng/mL	
Normeperidine	NEG	40 ng/mL	
Norpropoxyphene	NEG	50 ng/mL	
O-desmethyl-cis-tramadol	NEG	100 ng/mL	
Pentazocine	NEG	50 ng/mL	
Phencyclidine	NEG	10 ng/mL	
Propoxyphene	NEG	100 ng/mL	
Tapentadol	NEG	100 ng/mL	
Tramadol	NEG	100 ng/mL	
Codeine	NEG	100 ng/mL	
Hydrocodone	NEG	100 ng/mL	
Hydromorphone	NEG	100 ng/mL	
Morphine	NEG	100 ng/mL	
Buprenorphine	NEG	5 ng/mL	
Heroin	NEG	3 ng/mL	
EDDP-3,3	NEG	100 ng/mL	
Methadone	NEG	100 ng/mL	
Norbuprenorphine	NEG	10 ng/mL	
Norfentanyl	NEG	10 ng/mL	
Norhydrocodone	NEG	100 ng/mL	
Noroxycodone	NEG	50 ng/mL	
Oxycodone	NEG	50 ng/mL	
Oxymorphone	NEG	100 ng/mL	
2-OH Ethyl Flurazepam	NEG	40 ng/ml	
7-Amino Clonazepam	**POS/Inconsistent**	**40 ng/mL**	**2450.0 ng/mL**
alpha-OH-Alprazolam	**POS/Inconsistent**	**40 ng/mL**	**2000.0 ng/mL**
alpha-OH-Midazolam	NEG	40 ng/mL	

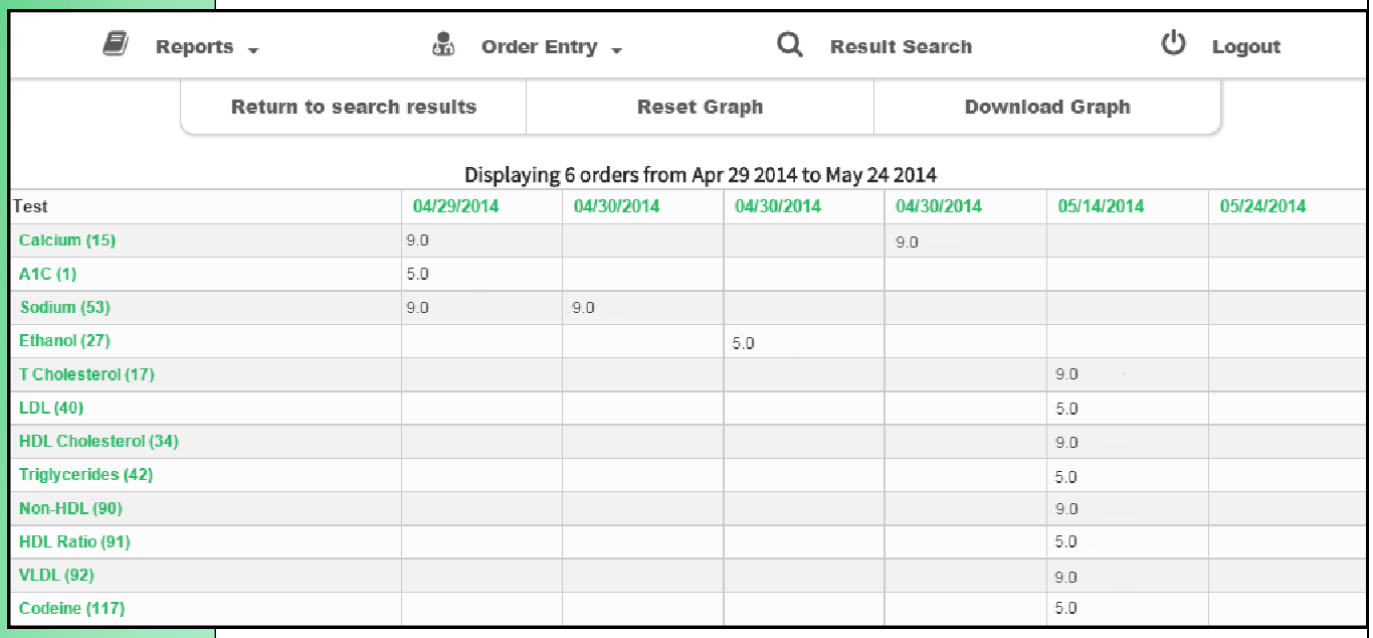
Web Outreach Portal

If the user searches for results for a particular patient and more then one result report is returned, they then have the option of selecting the 'View Cumulative' button. (shown below)



View Cumulative

When the View Cumulative button is selected the user will be displayed a graph of that patients cumulative results spanning all of the available results. (shown below)



Test	04/29/2014	04/30/2014	04/30/2014	04/30/2014	05/14/2014	05/24/2014
Calcium (15)	9.0			9.0		
A1C (1)	5.0					
Sodium (53)	9.0	9.0				
Ethanol (27)			5.0			
T Cholesterol (17)					9.0	
LDL (40)					5.0	
HDL Cholesterol (34)					9.0	
Triglycerides (42)					5.0	
Non-HDL (90)					9.0	
HDL Ratio (91)					5.0	
VLDL (92)					9.0	
Codeine (117)					5.0	

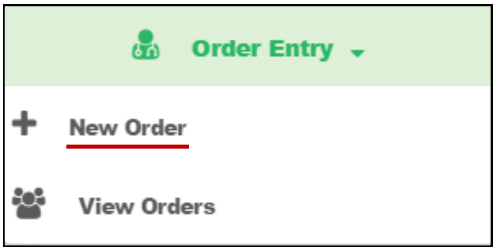
Any cumulative results will be sorted by test and date. The example shown above displays a patient that has results for a time period spanning one month.
The cumulative graph will display the test name and the corresponding result in a cell for the date it was completed. The user has the option to reset or download the graph as well.

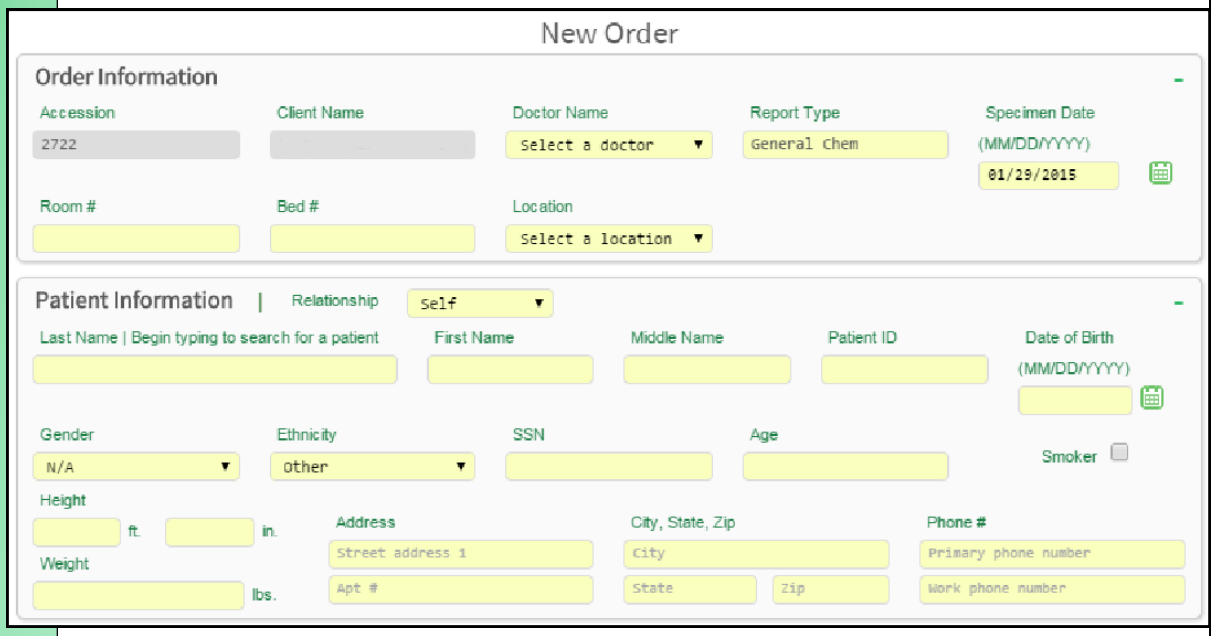
Web Outreach Portal

Order Entry

If the user selects the 'New Order' button under the Order Entry menu, they will be directed to the screen shown below.

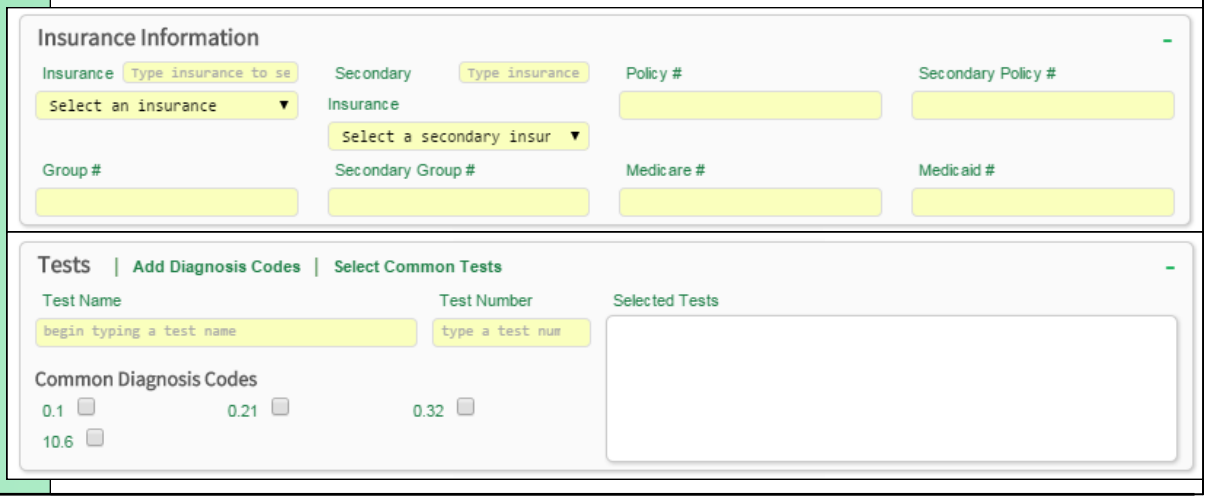
This portion of the portal allows the user to enter all information needed to place a new order or edit an existing order. The user will need to supply information for the Patient, Client, Doctor, Insurance, and Test to place a new order.





After the initial order information is entered, the user will need to enter test information for the patient. Enter the test information by typing in the test number, if you know it off hand. This field also contains an auto-completion feature that will query your database of existing tests as you begin to type into the field.

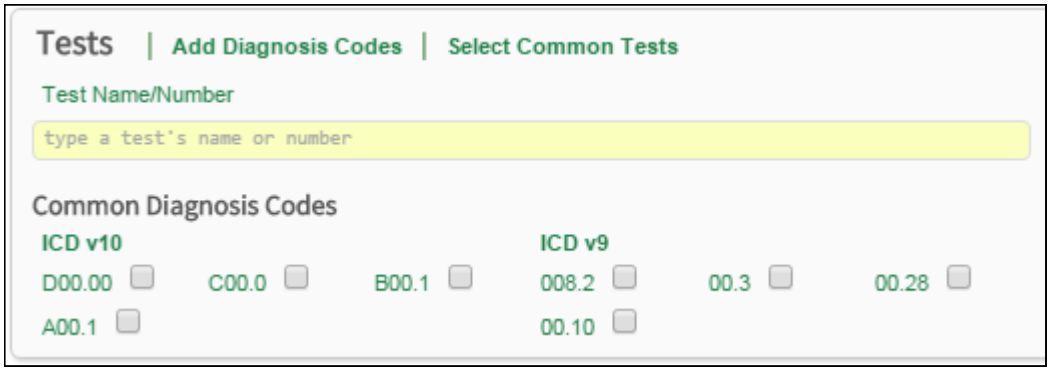
As you begin typing, a list will appear with matching tests in your database that fit the pattern of what you have entered. The auto-complete feature is found throughout the Outreach Portal. This feature will expedite common procedures, and reduce the risk of erroneous data entry



Web Outreach Portal

Diagnosis Codes

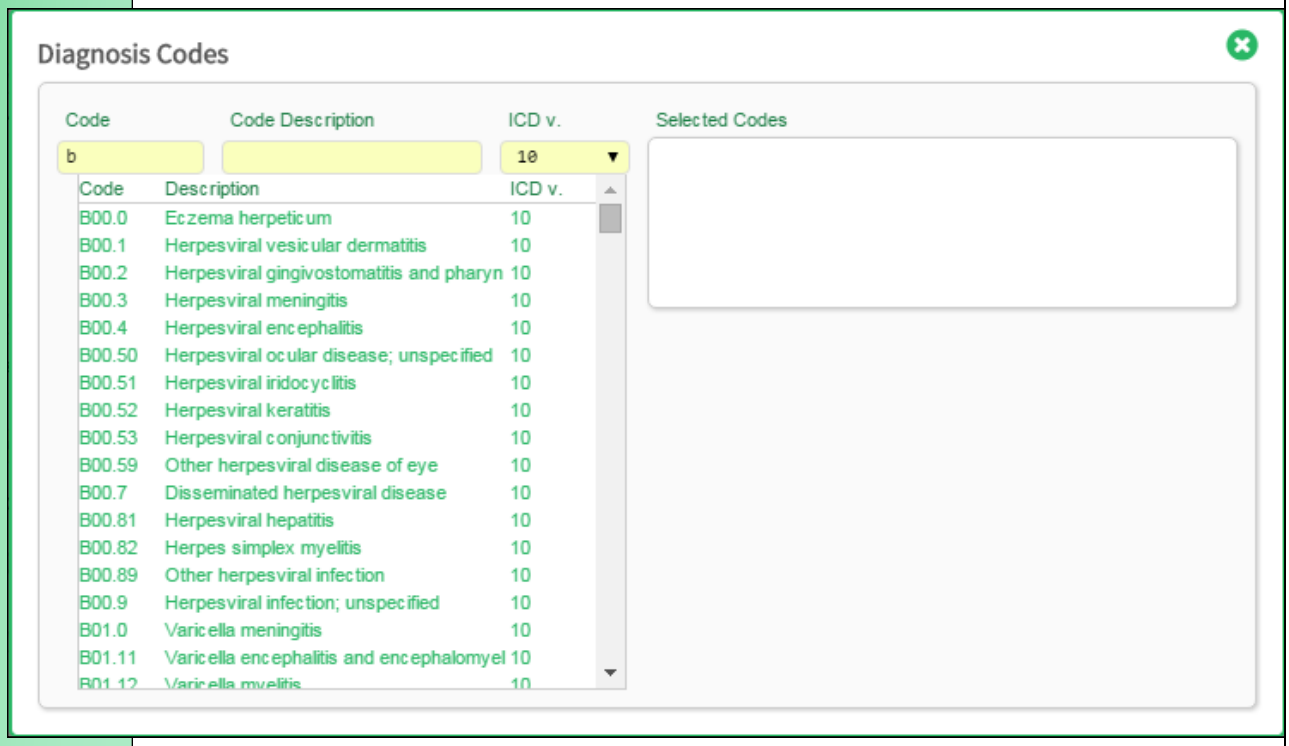
The Web Outreach Portal is up to date with the current standards and is able to handle orders with either ICD 9 or ICD 10 Diagnosis Codes. The user is able to select what version and codes they want to use on the order as seen below.



ICD 9 & ICD 10

The Web Outreach Portal only allows orders with a Specimen Date that is equal to or greater than the ICD 10 deadline to have ICD 10 codes placed onto the order. Conversely, the portal is still able to handle orders from before the cutoff that have ICD 9 codes attached.

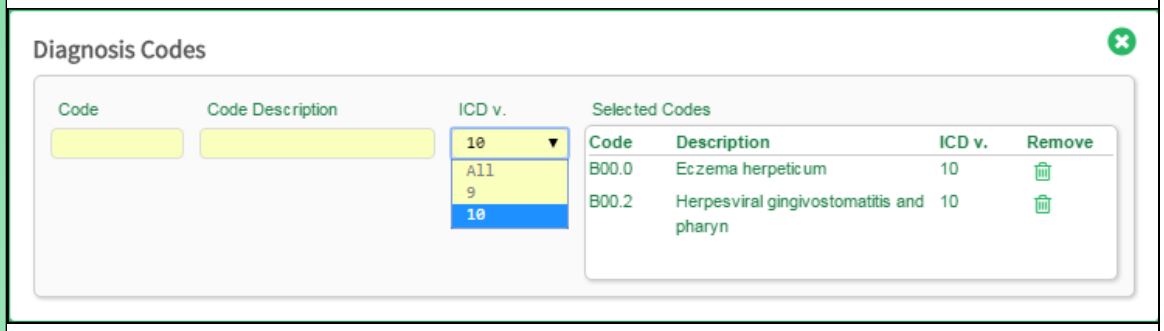
The user is able to select the ICD Version (seen below) when adding Diagnosis Codes to the order. If the Specimen Date is already set on the order, the portal will not let the user add codes that would be otherwise invalid.



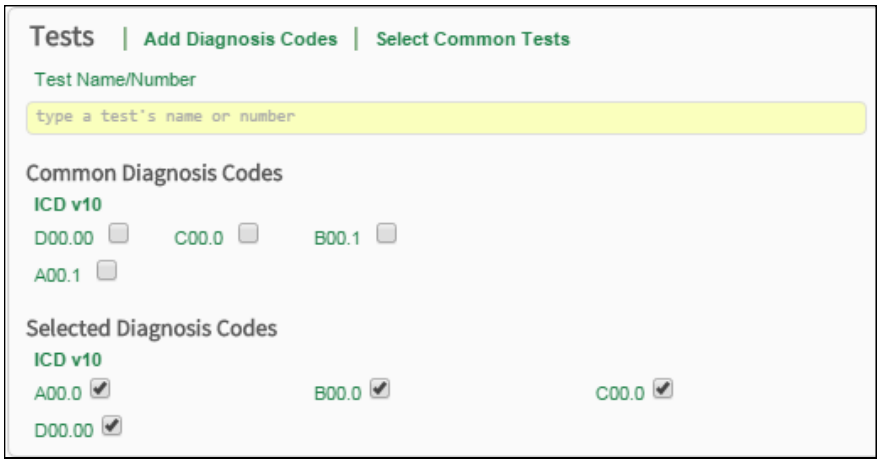
Web Outreach Portal

ICD 9 & ICD 10

If the user sets the order Specimen Date to after the ICD 9 cutoff, they will lose the option to select the ICD version, and it will automatically be set to correct version.
In the example below, the specimen date is set to after the ICD 9 cutoff, so the option to select ICD version 9 is disabled from use.



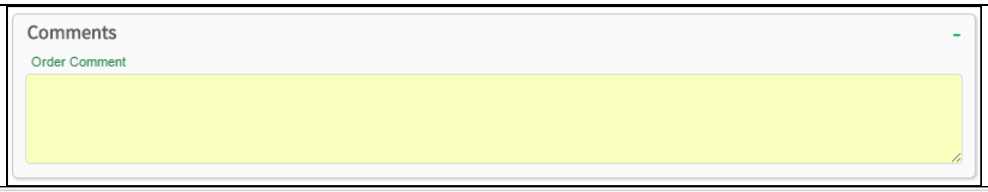
After the user selects the Diagnosis Codes they wish to add to the order, they will appear along with their version under the "Selected Diagnosis Codes" field in the Tests section of Order Entry. (shown below)
The user can also set up "Common Diagnosis Codes" that are used more frequently, so the user can simple check a box to add a Diagnosis Code instead of having to search for it every time it is added to an order. (shown below)

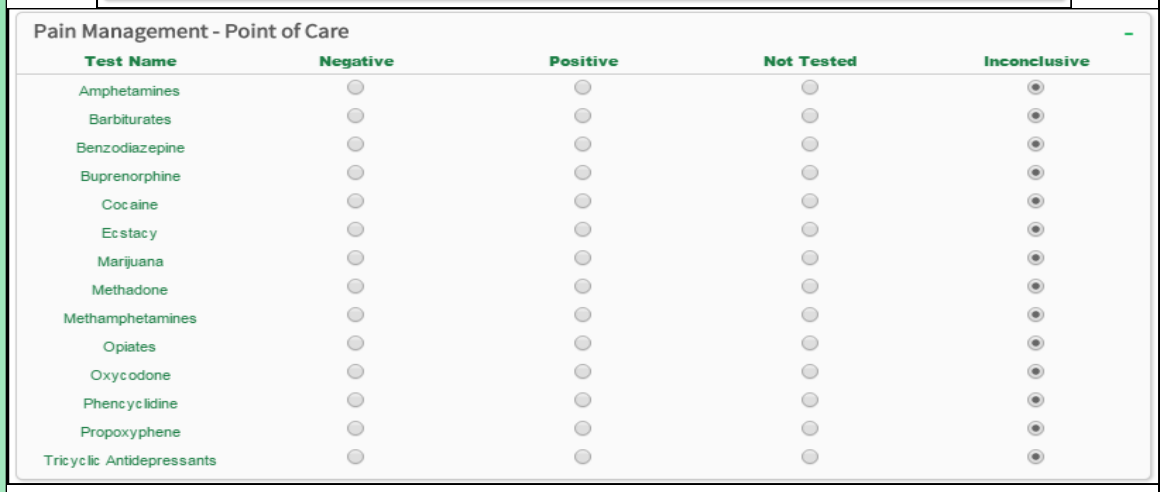


If the user changes the Specimen Date on the order after Diagnosis Codes have been entered, they run the risk of possibly losing the existing codes. If ICD 9 codes are on the order and the Specimen Date is changed to after the cutoff date, the user will get a warning. (shown below)

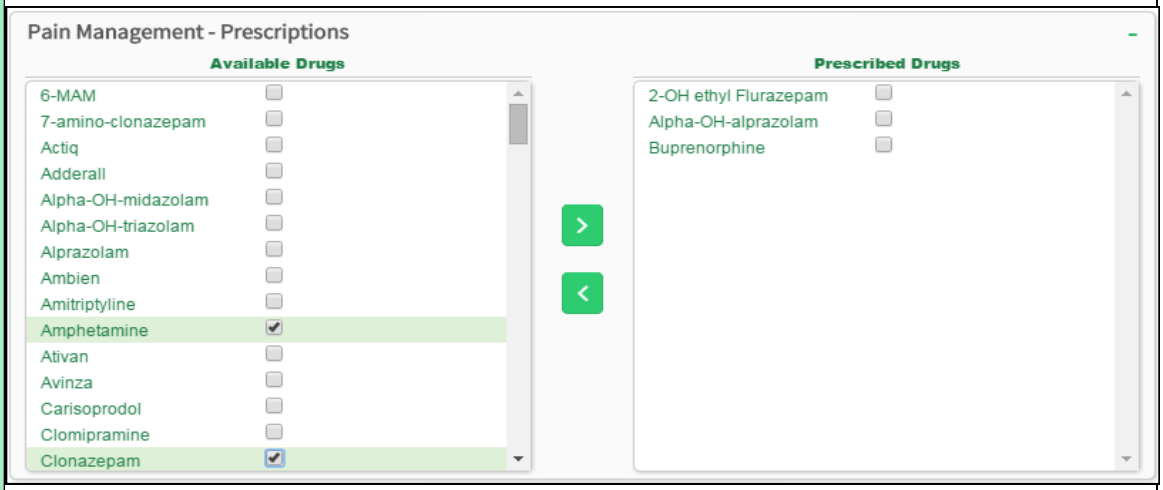
Web Outreach Portal

After the Order Comments is the Pain Management section that contains the Point of Care and Prescriptions screens. (shown below) The Point of Care section is where you can enter the Point of Care test results that need to be added to the order. Point of Care testing is a type of medical testing at or near the site of Patient care. These are simple medical tests which can be performed at the bedside. Simple tests such as those found in medical examinations such as saliva test swabs and urine test strips. The user can easily input the Point of Care results by clicking on the designated result bubble.





The second section under Pain Management is the Prescriptions section.
This goes hand in hand with the Point of Care section. This section lets you enter the prescriptions the Patient is currently on. This information is necessary to prevent inaccurate results on the order. Knowing the Patient's current prescriptions allows for proper diagnosis, and assists in preventing any false positive results. The user can select one or more of the Available Drugs from the list and click the arrow to move them into the Prescribed Drugs list. (shown below)

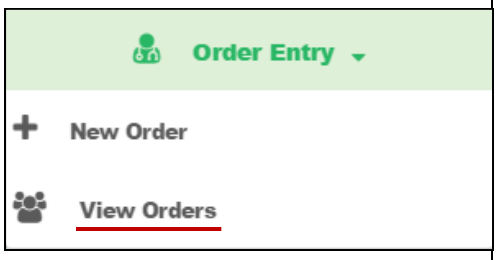


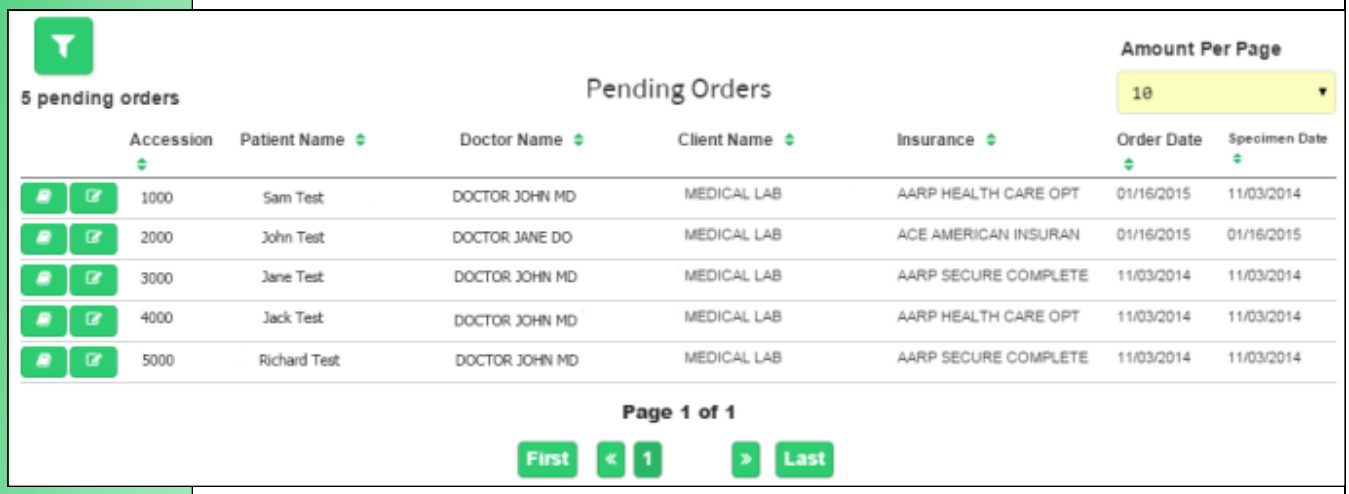
Web Outreach Portal

Pending Orders

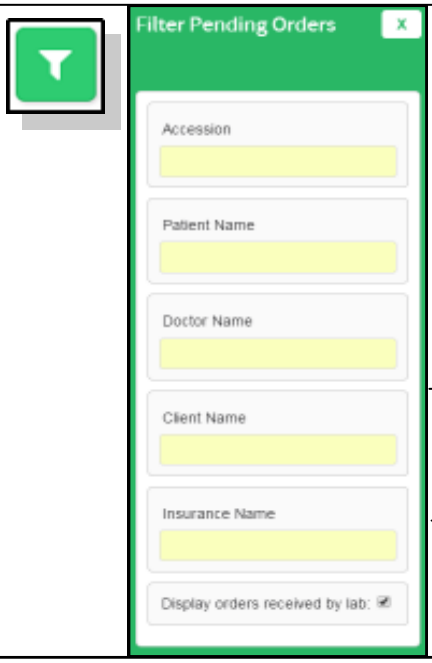
The second option under the Order Entry menu is the View Orders section. This sections allows the user to view the current orders that have yet to be resulted.

All orders currently on the Outreach Portal will be displayed and can be sorted by clicking on the column header for ease of use. The user can also select the amount of orders to be displayed per page as the list of pending orders can be large, depending on the clients order volume.





In the example shown above there are only a few pending orders, but for some clients this screen will have many pages to sort through. If sorting the orders by column is not enough, the user can utilize the Filter Pending Orders button. (shown below)



Filter Pending Orders

Selecting the Filter Pending Orders button will display a pop-up bar that contains even more refined sorting options. (shown left)

The user can utilize this option while searching for a specific order(s) when there are many pending orders in the system.

View Requisition

Selecting this button will display the Order Requisition Report.

Edit Entry Order

Selecting this button will allow the user to edit a pending order.

Web Outreach Portal

The Requisition Report Form can be viewed by selecting the button next to any pending order. Displayed below is an example of the Requisition report the Outreach Portal produces. The Requisition Report Form contains all of the most pertinent data of an order. This includes the Order, Patient, Insurance, and Test information.

Requisition Form

Medical Lab
2106 New Road, Suite E6
Linwood, NJ 08221
Phone: (609) 653-6444
Fax: (609) 653-9439

Accession	Specimen Date	Date of Service
2692	11/03/2014	11/03/2014

Patient Information

Last Name	First Name	Middle In.	Date of Birth	Gender
Test	Joseph	A	12/30/1980	Male

Address	Apt #	City	State	Zip
1000 Main St.		Springfield	NJ	08221

Patient Social Security Number	Telephone Number
123-45-6789	(609) 653-6444

Referred By

Client: PREMIER MEDICAL LAB SERV
Doctor: PATEL ABHAY B DC

ICD9 DIAGNOSIS CODE(S) FOR TEST ORDERED MUST BE PROVIDED BELOW

REFERRING PHYSICIAN SIGNATURE X

Responsible party if different from the patient

Last Name	First Name	Middle In.	Patient relationship
Test	Jane	B	Spouse

Social Security Number	Telephone Number
987-65-4321	(609) 653-6444

Insurance/Insurance Company Information

Insurance Company Name	Telephone #
AARP DNU (267)	( ) -

Billing Address	City	State	Zip
PO BOX 31353	SALT LAKE CITY	UT	841310353

Medicare & Suffix	Insurance ID #	Group/Category or Policy
	1196	

Information Release Authorization

I authorize the release of any medical information necessary to process this claim and request payment of medical benefits to Balcones Pain Consultants. I understand co-payments, deductibles and tests not covered by my insurance company are my responsibility.

PATIENT OR AUTHORIZED PERSON SIGNATURE X

Medicare Advance Beneficiary Notice

I have been informed that Medicare will only pay for services that it determines to be "reasonable and necessary" under section 1862(a)(1) of Medicare law. I have been notified on the date above by the physician/supplier that he/she believes, that, in my case, Medicare is likely to deny payment, for the reason stated in (ABN). I have read the (ABN) on the reverse. If Medicare is likely to deny payment, for the reason stated in (ABN), I agree to be personally and fully responsible for the payment.

PATIENT OR AUTHORIZED PERSON SIGNATURE X

Tests Ordered

Alprazolam (6106)

Point of Care Tests Ordered

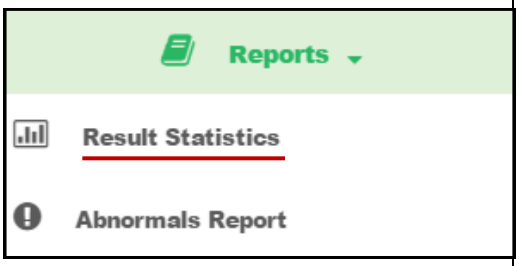
Test (#)	Result	Test (#)	Result
AMPS (8)	Negative	METHPOC (21)	Negative
BARBSPOC (9)	Negative	OPIPOC (22)	Negative
BENZPOCS (10)	Negative	OXYPOC (25)	Negative
BUPSPOC (11)	Negative	PHENPOC (26)	Negative
COKES (15)	Negative	PORPPOC (28)	Negative
ECTPOC (17)	Negative	TCAPOC (29)	Negative
THC (18)	Negative		
METDPOC (19)	Negative		

Prescribed Drugs

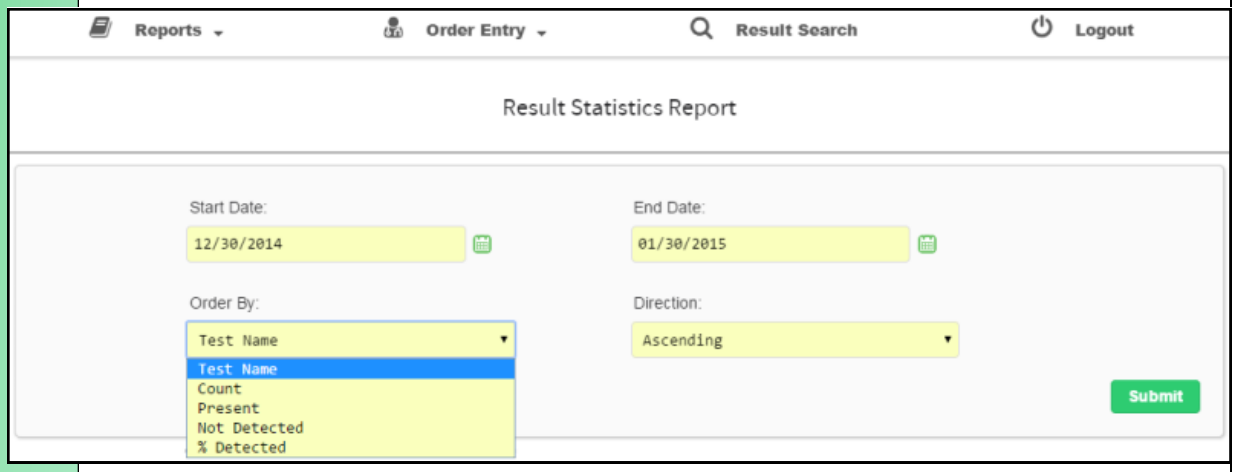
6-MAM

Web Outreach Portal

The last menu option on the top bar of the Outreach Portal is the Reports section.
Under this menu, the user will find the Result Statistics Report and the Abnormals Result Report. Both reports are produced by entering in a date range as well as how the user wants the report data to be sorted.

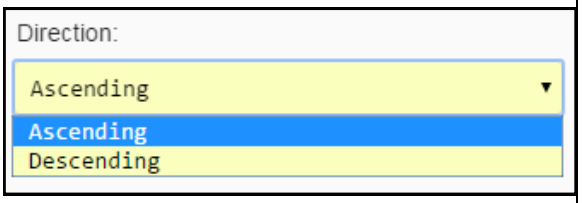


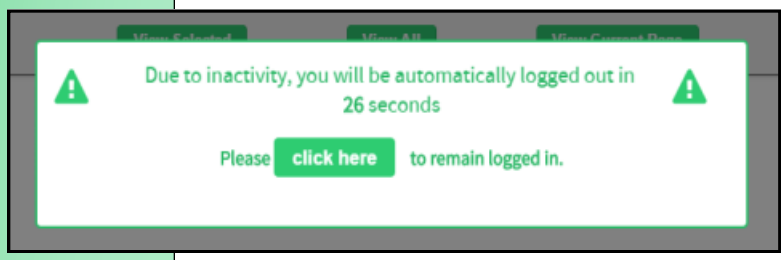
Result Statistics



Shown in the screen above are the parameters that are displayed to run the Result Statistics Report. The user must enter the Start and End dates as well as the result ordering preferences.

The Result Statistics Report can be sorted by Test Name, Test Count, Presence, Percent Not Detected, and Percent Detected. The user also has the option of choosing the direction of the ordering.





The dialog shown on the left will be displayed if the Outreach Portal is left open on the web browser for more then a couple minutes without use.
This dialog contains a timer giving the user 30 second to click on the button to continue the session.

Web Outreach Portal

The Result Statistics Report contains the information for the client along with the statistical result data of the tests that were run during the date range selected. The report displays the Test Number, Test Name, Test Department, Test Count (the instances of the test ran), Presence (if the result was positive or detected), Not Detected (if the result was not detected), and Percent Detected (the percentage of how many instances of the test were run compared to how many times the test came back detected or positive.) (shown below)

Client: Medical Lab
2106 New Rd E6, Linwood, NJ 08221

Result Statistics

CLIA ID #: 12D7654321
COLA ID #: 12345

Lab Director : Dr. John A. Smith

#	Test (#)	Department (#)	Count	Present	Not Detected	% Detected
1.	EDDP (1608)	Toxicology (1)	1	1	0	100.00 %
2.	Sodium (989)	Chemistry (5)	1	1	0	100.00 %
3.	Potassium (990)	Chemistry (5)	1	1	0	100.00 %
4.	Chloride (991)	Chemistry (5)	1	1	0	100.00 %
5.	CO2 (763)	Chemistry (5)	1	1	0	100.00 %
6.	Calcium (726)	Chemistry (5)	1	1	0	100.00 %
7.	Carisoprodol (1210)	Toxicology (1)	1	1	0	100.00 %
8.	SHBG (146)	Chemistry (5)	1	0	1	0.00 %
9.	VLDL (10056)	Physician Office	1	0	1	0.00 %
10.	Nitrates (10046)	Urinalysis (8)	1	0	1	0.00 %
11.	T4 Total (222)	Chemistry (5)	1	0	1	0.00 %
12.	Rheumatoid Factor (54)	*Quest (2)	1	0	1	0.00 %
13.	Direct Bilirubin (6)	Chemistry (5)	1	0	1	0.00 %
14.	Albumin (413)	Chemistry (5)	1	0	1	0.00 %
15.	Glucose (10061)	Urinalysis (8)	1	0	1	0.00 %
16.	Free T3 (1011)	Chemistry (5)	1	1	0	100.00 %
17.	Ketamine (6221)	Toxicology (1)	1	0	1	0.00 %
18.	Norketamine (6222)	Toxicology (1)	1	0	1	0.00 %
19.	Zolpidem-COOH (6225)	Toxicology (1)	1	0	1	0.00 %
20.	Amitriptyline (6201)	Toxicology (1)	1	0	1	0.00 %
21.	Clomipramine (6202)	Toxicology (1)	1	0	1	0.00 %
22.	Ethyl Glucuronide (555)	Toxicology (1)	2	1	1	50.00 %
23.	N-desmethyl-Clomipramine	Toxicology (1)	2	1	1	50.00 %
24.	MDPV (6051)	Toxicology (1)	2	0	2	0.00 %
25.	Mephedrone (6052)	Toxicology (1)	2	0	2	0.00 %
26.	hs-CRP (217)	Chemistry (5)	3	2	1	66.67 %
27.	Homocysteine (768)	Chemistry (5)	3	3	0	100.00 %
28.	Lp(a) (312)	Chemistry (5)	3	3	0	100.00 %
29.	Apo A (168)	Chemistry (5)	3	3	0	100.00 %
30.	Apo B (151)	Chemistry (5)	3	3	0	100.00 %
31.	Vitamin D (141)	Chemistry (5)	3	3	0	100.00 %
32.	BUN (427)	Chemistry (5)	3	3	0	100.00 %
33.	Calcium (699)	Chemistry (5)	3	3	0	100.00 %
34.	A1C (890)	Chemistry (5)	3	3	0	100.00 %
35.	Apolipoprotein E (20000)	Genetics (11)	3	0	3	0.00 %
36.	Prothrombin Mutation (20002)	Genetics (11)	3	0	3	0.00 %
37.	MTHFR (20003)	Genetics (11)	3	0	3	0.00 %
38.	Gabapentin (7032)	Toxicology (1)	3	1	2	33.33 %

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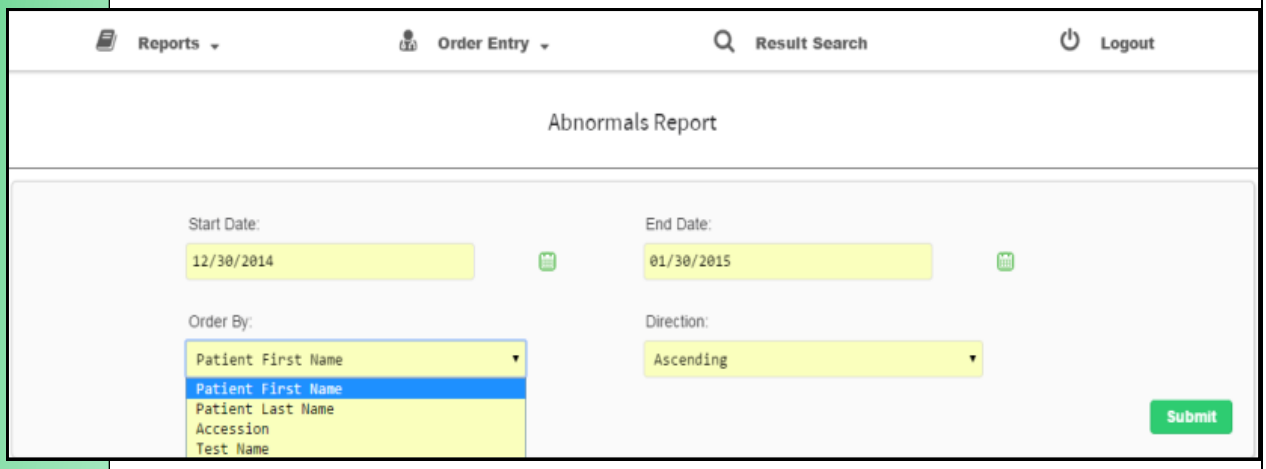
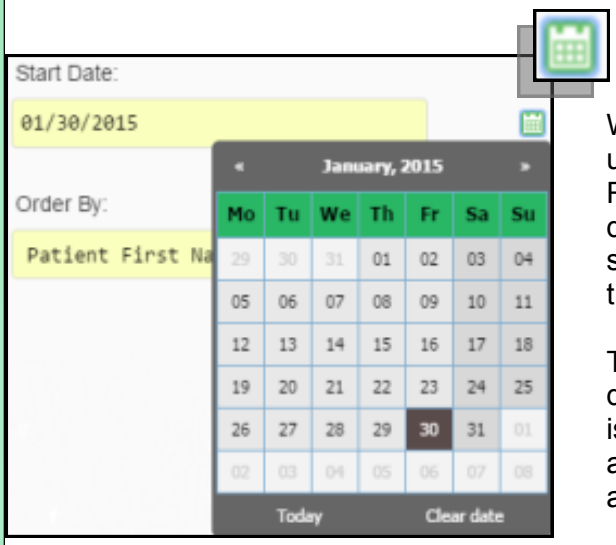
Web Outreach Portal

Another report contained in the reports section is the Abnormals Result Report. This report contains parameters for the user to enter that are very similar to the other reports on the Outreach Portal. Shown in the screen above are the parameters that are displayed to run the Result Statistics Report. The user must enter the Start and End dates, as well as the result ordering preferences.

Abnormals Report



The Abnormals Report can have it's results ordered by Patient First Name, Patient Last Name, Accession Number, and Test Name. The user also has the option of choosing the direction of the result sorting. The results can be sorted Ascending or Descending based on the 'Order By' parameter chosen.



When running reports, the user can utilize the calendar icon next to the Date Range fields. This icon will pop up a dynamic calendar for the user to quickly selected the value they wish to enter into the field.

The user can easily search through days, months, and years. Once a day is selected on the calendar it is automatically entered into the field it is associated with.

Web Outreach Portal

The Abnormals Result Report displays the Accession, Patient Name, Test Name, Date Reported, and the Abnormal Flag that the result produced while being resulted. The Abnormal Flag can be Abnormal, Abnormal Low, Abnormal High, Abnormal CID Low, and Abnormal CID High. The Abnormal Flag is determined by the test information entered by the user for what constitutes an abnormal test result and how much variance there was between the entered number and the test result.
This report can be downloaded or printed just like the other Reports and Forms contained on the Outreach Portal.

Sorted By: Patient Last Name, Ascending
Date Reported: 05/02014 to 01/29/2015

Abnormals Result Report

Accession	Patient Name (#)		Test Name (#)	Date Reported	Abnormal Flag
5	Fedeli, Bert	(BF03051984)	Insulin (1200)	5/24/14 6:09 PM	Abnormal High
6	Fedeli, Bert	(BF03051984)	Insulin (1200)	5/24/14 6:38 PM	Abnormal High
6	Fedeli, Bert	(BF03051984)	LDL (59)	5/24/14 6:38 PM	Abnormal High
6	Fedeli, Bert	(BF03051984)	Triglycerides (781)	5/24/14 6:38 PM	Abnormal High
5	Fedeli, Bert	(BF03051984)	Lp(a) (312)	5/24/14 6:07 PM	Abnormal CID High
5	Fedeli, Bert	(BF03051984)	Magnesium (688)	5/24/14 6:08 PM	Abnormal High
6	Fedeli, Bert	(BF03051984)	Magnesium (688)	5/24/14 6:39 PM	Abnormal CID High
103422	Fedeli, Bert	(BF03051984)	Potassium (990)	6/11/14 12:35 AM	Abnormal CID High
103422	Fedeli, Bert	(BF03051984)	Sodium (989)	6/11/14 12:35 AM	Abnormal CID Low
6	Fedeli, Bert	(BF03051984)	Total Bilirubin (52)	5/24/14 6:39 PM	Abnormal High
5	Fedeli, Bert	(BF03051984)	Total T3 (7)	5/24/14 6:08 PM	Abnormal High
6	Fedeli, Bert	(BF03051984)	Total T3 (7)	5/24/14 6:39 PM	Abnormal High
5	Fedeli, Bert	(BF03051984)	Vitamin D (141)	5/24/14 6:07 PM	Abnormal Low
6	Fedeli, Bert	(BF03051984)	Vitamin D (141)	5/24/14 6:38 PM	Abnormal Low
5	Fedeli, Bert	(BF03051984)	Non-HDL (951)	5/24/14 6:07 PM	Abnormal CID High
6	Fedeli, Bert	(BF03051984)	Non-HDL (951)	5/24/14 6:38 PM	Abnormal High
5	Fedeli, Bert	(BF03051984)	VLDL (966)	5/24/14 6:07 PM	Abnormal High
103422	Fedeli, Bert	(BF03051984)	Marijuana (100)	6/11/14 12:35 AM	Abnormal High
100	Fedeli, Bert	(BF03051984)	Hydromorphone (6004)	5/21/14 8:04 PM	Abnormal High
6	Fedeli, Bert	(BF03051984)	sd-LDL (2975)	5/24/14 6:39 PM	Abnormal CID High
5	Fedeli, Bert	(BF03051984)	HDL2b (2965)	5/24/14 6:08 PM	Abnormal CID High
6	Fedeli, Bert	(BF03051984)	HDL2b (2965)	5/24/14 6:39 PM	Abnormal CID High
5	Fedeli, Bert	(BF03051984)	Uric Acid (700)	5/24/14 6:08 PM	Abnormal High
5	Fedeli, Bert	(BF03051984)	Uric Acid (700)	5/24/14 6:39 PM	Abnormal High

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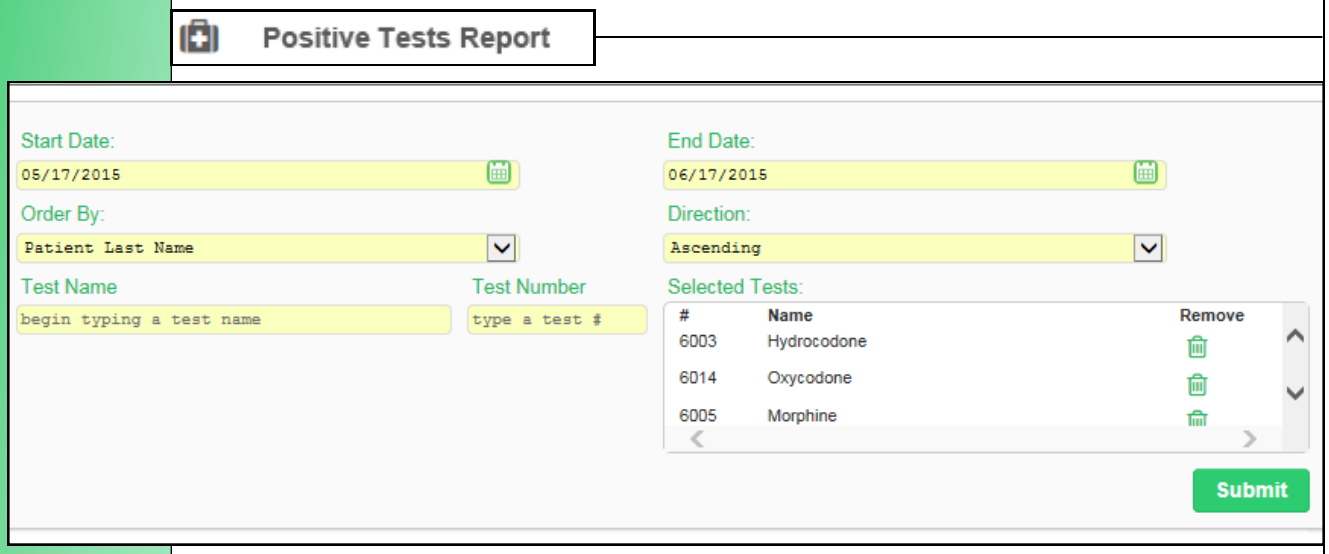
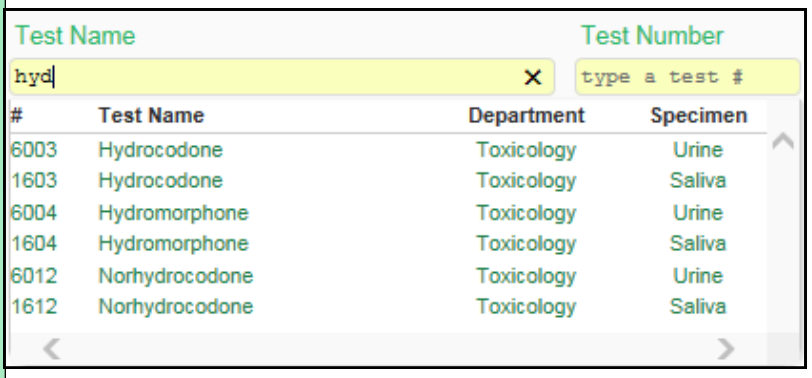
Fast, convenient electronic ordering, prompt turnaround, and electronic resulting reduces potential for errors and increases patient safety. The portal eliminates transcription, reduces labor costs, increases both clinician and patient satisfaction and contributes to the highest standard of patient care and client loyalty.

Web Outreach Portal

A new report added to the Avalon Outreach Portal is the Positive Tests Report. This report contains parameters for the user to enter that are very similar to the other reports on the Outreach Portal. Shown in the screen below are the parameters that are given to the user in order to run the report. The user must enter the Start and End dates, Selected Test(s), and the desired Ordering preferences.



The Positive Tests Report allows the user to search for patients that were positive for the selected test(s) within the date range they enter. The user can select a test by typing the Test Name and selecting the desired test from the drop-down, or by simply typing in the Test Number. The Test Name field contains an auto-complete feature that will begin to list tests from the database that match the characters entered into the field. (Shown Below)



The user can type in a partial test name and the Outreach Portal will query the database to find all tests that match the entered text. Once the desired test is located, the user should double-click the test they want to use as a search parameter. This will add the test to the Selected Tests list.

The user is able to select one or more Single Tests to be used as search criteria. The report that is produced will be grouped by Test Name / Test Number.

If the user needs to remove a test from the Selected Tests list, simply click the trashcan icon to the right of the Test Name. (shown left)

Web Outreach Portal

Positive Tests Report

Sorted By: Patient Last Name, Ascending
Date Reported: 01/01/2015 to 06/01/2015
Client Name: Medical Laboratory USA

Positive Test Report

Test Name: Oxycodone

Patient Name (Number)	Accession	Flag	Order Date	Date Reported
Black, Scarlet Anne (249827940)	95855	POSITIVE	01/14/2015	01/16/2015

Total Tests: 1

Test Name: Hydrocodone

Patient Name (Number)	Accession	Flag	Order Date	Date Reported
Small, Erasmus (248176205)	94643	POSITIVE	01/07/2015	01/10/2015

Total Tests: 1

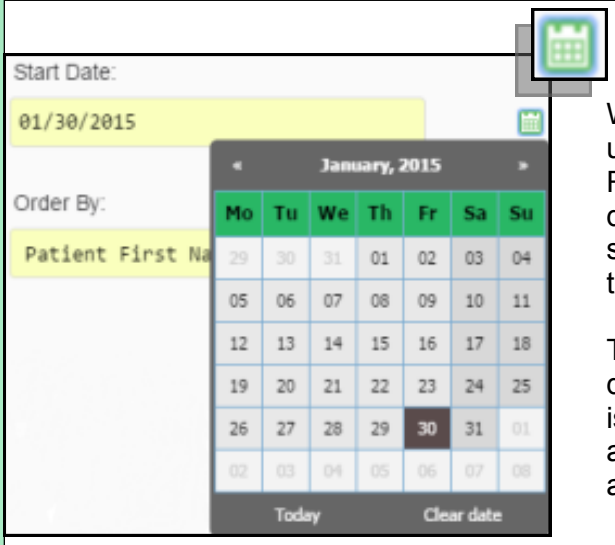
Test Name: Oxycodone

Patient Name (Number)	Accession	Flag	Order Date	Date Reported
Dillon, Deirdre O. (238372203)	95647	POSITIVE	01/13/2015	01/15/2015
Mendoza, Cole (250893006)	96470	POSITIVE	01/16/2015	01/17/2015
Lowery, Dai (247679224)	95873	POSITIVE	01/14/2015	01/15/2015

Total Tests: 3

Test Name: Hydrocodone

Patient Name (Number)	Accession	Flag	Order Date	Date Reported
Hoover, Chava (251552644)	96474	POSITIVE	01/16/2015	01/17/2015
Barnes, Lars (205540015)	96480	POSITIVE	01/16/2015	01/17/2015
Lowe, Maisie C. (247942756)	96123	POSITIVE	01/14/2015	01/20/2015
Wilcox, Baxter Z. (247252876)	96250	POSITIVE	01/15/2015	01/21/2015
Cook, Brendan (212068707)	94466	POSITIVE	01/07/2015	01/09/2015
Peterson, Dylan (241359487)	95013	POSITIVE	01/09/2015	01/11/2015
Gates, Ciara (247270055)	94208	POSITIVE	01/06/2015	01/07/2015
Pollard, Olympia (948519491)	96476	POSITIVE	01/16/2015	01/17/2015
Wynn, Imani (249216738)	94209	POSITIVE	01/06/2015	01/07/2015
Hodges, Xyla (249174130)	94287	POSITIVE	01/06/2015	01/07/2015
Grimes, Mary (251515873)	95010	POSITIVE	01/09/2015	01/11/2015
Rutledge, Cody (250630775)	96485	POSITIVE	01/16/2015	01/17/2015
Rich, Lani (591682818)	96488	POSITIVE	01/16/2015	01/17/2015
Le, Lavinia (247921789)	96026	POSITIVE	01/14/2015	01/16/2015
Baker, Lee (251690867)	95925	POSITIVE	01/14/2015	01/15/2015
Scott, Sylvester G. (195583303)	96472	POSITIVE	01/16/2015	01/17/2015
Fulton, Plato (248514308)	96254	POSITIVE	01/15/2015	01/21/2015
Work, Laveno (251789934)	95012	POSITIVE	01/09/2015	01/11/2015
Taylor, Brent (244924854)	95019	POSITIVE	01/09/2015	01/11/2015
Cook, Lillith (249158827)	94473	POSITIVE	01/07/2015	01/09/2015
Terry, Mari G. (248335627)	96486	POSITIVE	01/16/2015	01/17/2015
Cunningham, Chiquita (248043921)	95645	POSITIVE	01/13/2015	01/15/2015



When running reports, the user can utilize the calendar icon next to the Date Range fields. This icon will pop up a dynamic calendar for the user to quickly select the value they wish to enter into the field.

The user can easily search through days, months, and years. Once a day is selected on the calendar, it is automatically entered into the field it is associated with.