

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. 

Unauthorized access or use of Computer Service & Support Outreach Portal may result in disciplinary 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 solely 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. 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



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)

ex: 01/01/1980



Id/EMR/Chart #:

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



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.

The screenshot shows a menu with a green header 'Order Entry' and a dropdown arrow. Below the header, there are two options: '+ New Order' (highlighted with a red underline) and a group of three people icon followed by 'View Orders'.

The 'New Order' form is divided into two main sections: 'Order Information' and 'Patient Information'.

Order Information:

- Accession: 2722
- Client Name: [Text Field]
- Doctor Name: Select a doctor (dropdown)
- Report Type: General Chem
- Specimen Date: 01/29/2015 (calendar icon)
- Room #: [Text Field]
- Bed #: [Text Field]
- Location: Select a location (dropdown)

Patient Information:

- Relationship: self (dropdown)
- Last Name | Begin typing to search for a patient: [Text Field]
- First Name: [Text Field]
- Middle Name: [Text Field]
- Patient ID: [Text Field]
- Date of Birth: (MM/DD/YYYY) [Text Field] (calendar icon)
- Gender: N/A (dropdown)
- Ethnicity: other (dropdown)
- SSN: [Text Field]
- Age: [Text Field]
- Smoker: ☐
- Height: [Text Field] ft. [Text Field] in.
- Weight: [Text Field] lbs.
- Address: Street address 1 [Text Field], Apt # [Text Field]
- City, State, Zip: City [Text Field], State [Text Field], Zip [Text Field]
- Phone #: Primary phone number [Text Field], Work phone number [Text Field]

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

The 'Insurance Information' section includes:

- Insurance: Type insurance to se [Text Field], Select an insurance (dropdown)
- Secondary: Type insurance [Text Field], Select a secondary insur (dropdown)
- Policy #: [Text Field]
- Secondary Policy #: [Text Field]
- Group #: [Text Field]
- Secondary Group #: [Text Field]
- Medicare #: [Text Field]
- Medicaid #: [Text Field]

The 'Tests' section includes:

- Test Name: begin typing a test name [Text Field]
- Test Number: type a test num [Text Field]
- Selected Tests: [Text Area]
- Common Diagnosis Codes: 0.1 ☐, 0.21 ☐, 0.32 ☐, 10.6 ☐

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.

Tests | **Add Diagnosis Codes** | **Select Common Tests**

Test Name/Number

Common Diagnosis Codes

ICD v10
D00.00 ☐ C00.0 ☐ B00.1 ☐ A00.1 ☐

ICD v9
008.2 ☐ 00.3 ☐ 00.28 ☐ 00.10 ☐

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.

Diagnosis Codes

ICD v. **10**

Code Description ICD v.

B00.0	Eczema herpeticum	10
B00.1	Herpesviral vesicular dermatitis	10
B00.2	Herpesviral gingivostomatitis and pharyn	10
B00.3	Herpesviral meningitis	10
B00.4	Herpesviral encephalitis	10
B00.50	Herpesviral ocular disease; unspecified	10
B00.51	Herpesviral iridocyclitis	10
B00.52	Herpesviral keratitis	10
B00.53	Herpesviral conjunctivitis	10
B00.59	Other herpesviral disease of eye	10
B00.7	Disseminated herpesviral disease	10
B00.81	Herpesviral hepatitis	10
B00.82	Herpes simplex myelitis	10
B00.89	Other herpesviral infection	10
B00.9	Herpesviral infection; unspecified	10
B01.0	Varicella meningitis	10
B01.11	Varicella encephalitis and encephalomyel	10
B01.12	Varicella myelitis	10

Selected Codes

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.

Diagnosis Codes

Code	Code Description	ICD v.	Selected Codes												
<input type="text"/>	<input type="text"/>	<div>10</div> <div>All</div> <div>9</div> <div>10</div>	<table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> <th>ICD v.</th> <th>Remove</th> </tr> </thead> <tbody> <tr> <td>B00.0</td> <td>Eczema herpeticum</td> <td>10</td> <td></td> </tr> <tr> <td>B00.2</td> <td>Herpesviral gingivostomatitis and pharyn</td> <td>10</td> <td></td> </tr> </tbody> </table>	Code	Description	ICD v.	Remove	B00.0	Eczema herpeticum	10		B00.2	Herpesviral gingivostomatitis and pharyn	10	
Code	Description	ICD v.	Remove												
B00.0	Eczema herpeticum	10													
B00.2	Herpesviral gingivostomatitis and pharyn	10													

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)

Tests | **Add Diagnosis Codes** | **Select Common Tests**

Test Name/Number

Common Diagnosis Codes
ICD v10
D00.00 ☐ C00.0 ☐ B00.1 ☐
A00.1 ☐

Selected Diagnosis Codes
ICD v10
A00.0 ☒ B00.0 ☒ C00.0 ☒
D00.00 ☒

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)

Warning

The specimen date is after the ICD 10 cutoff date. All ICD 9 codes on this order will be cleared.

Would you like to continue?

Yes No

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.

Comments

Order Comment

Pain Management - Point of Care

Test Name	Negative	Positive	Not Tested	Inconclusive
Amphetamines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Barbiturates	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Benzodiazepine	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Buprenorphine	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cocaine	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ecstasy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Marijuana	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Methadone	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Methamphetamines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Opiates	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Oxycodone	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Phencyclidine	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Propoxyphene	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tricyclic Antidepressants	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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)

Pain Management - Prescriptions

Available Drugs		Prescribed Drugs
6-MAM <input type="checkbox"/>	<input type="button" value="➤"/> <input type="button" value="➤"/>	2-OH ethyl Flurazepam <input type="checkbox"/>
7-amino-clonazepam <input type="checkbox"/>		Alpha-OH-alprazolam <input type="checkbox"/>
Actiq <input type="checkbox"/>		Buprenorphine <input type="checkbox"/>
Adderall <input type="checkbox"/>		
Alpha-OH-midazolam <input type="checkbox"/>		
Alpha-OH-triazolam <input type="checkbox"/>		
Alprazolam <input type="checkbox"/>		
Ambien <input type="checkbox"/>		
Amitriptyline <input type="checkbox"/>		
Amphetamine <input checked="" type="checkbox"/>		
Ativan <input type="checkbox"/>		
Avinza <input type="checkbox"/>		
Carisoprodol <input type="checkbox"/>		
Clomipramine <input type="checkbox"/>		
Clonazepam <input checked="" type="checkbox"/>		

Web Outreach Portal



Pending Orders

The second option under the Order Entry menu is the View Orders section. This section 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.

Order Entry ▾

New Order

View Orders

Pending Orders							
5 pending orders		Amount Per Page					
		10 ▾					
Accession	Patient Name	Doctor Name	Client Name	Insurance	Order Date	Specimen Date	
1000	Sam Test	DOCTOR JOHN MD	MEDICAL LAB	AARP HEALTH CARE OPT	01/16/2015	11/03/2014	
2000	John Test	DOCTOR JANE DO	MEDICAL LAB	ACE AMERICAN INSURAN	01/16/2015	01/16/2015	
3000	Jane Test	DOCTOR JOHN MD	MEDICAL LAB	AARP SECURE COMPLETE	11/03/2014	11/03/2014	
4000	Jack Test	DOCTOR JOHN MD	MEDICAL LAB	AARP HEALTH CARE OPT	11/03/2014	11/03/2014	
5000	Richard Test	DOCTOR JOHN MD	MEDICAL LAB	AARP SECURE COMPLETE	11/03/2014	11/03/2014	
Page 1 of 1							
1							

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

Accession

Patient Name

Doctor Name

Client Name

Insurance Name

Display orders received by lab: ☒

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
2892	11/03/2014	11/03/2014



Patient Information					Referred By	
Last Name Test	First Name Joseph	Middle In. A	Date of Birth 12/30/1980	Gender Male	Client: PREMIER MEDICAL LAB SERV Doctor: PATEL ABHAY B DC	
Address 1000 Main St.	Apt #	City Springfield	State NJ	Zip 08221	ICD9 DIAGNOSIS CODE(S) FOR TEST ORDERED MUST BE PROVIDED BELOW	
Patient Social Security Number 123-45-6789		Telephone Number (809) 653-8444				
Responsible party if different from the patient						
Last Name Test	First Name Jane	Middle In. B	Patient relationship Spouse			
Social Security Number 987-65-4321		Telephone Number (809) 653-8444				
Insurance/Insurance Company Information						
Insurance Company Name AARP DNU (287)		Telephone # () -				
Billing Address PO BOX 31353		City SALT LAKE CITY	State UT	Zip 841310353		
Medicare & Suffix	Insurance ID # 1196	Group/Category or Policy				
Information Release Authorization I authorize the release of any medical information necessary to process this claim and request payment of medical benefits to Baicones Pain Consultants. I understand co-payments, deductibles and tests not covered by my insurance company are my responsibility.				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 <input checked="" type="checkbox"/>				PATIENT OR AUTHORIZED PERSON SIGNATURE <input checked="" type="checkbox"/>		

Tests Ordered			
Alprazolam (6106)			

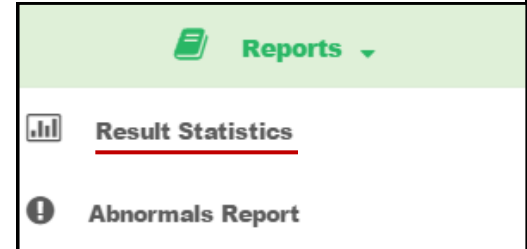
Point of Care Tests Ordered		Prescribed Drugs	
Test (#)	Result	Test (#)	Result
AMPS (8)	Negative	METHPOC (21)	Negative
BARBSPOC (9)	Negative	OPIPOC (22)	Negative
BENZPOCS (10)	Negative	OXYPOC (25)	Negative
BUPSPPOC (11)	Negative	PHENPOC (26)	Negative
COKES (15)	Negative	PORPPOC (28)	Negative
ECTPOC (17)	Negative	TCAPOC (29)	Negative
THC (18)	Negative		
METDPOC (19)	Negative		

Web Outreach Portal



The last menu option on the top bar of the Outreach Portal is the Reports section.

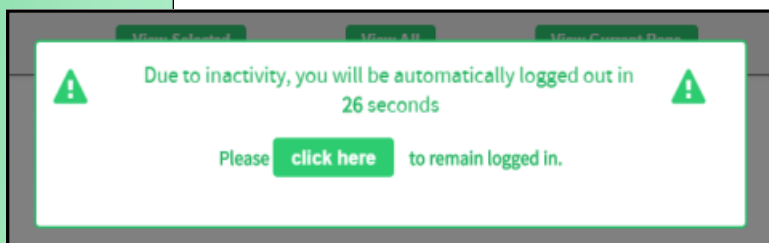
Under this menu, the user will find the Result Statistics Report and the Abnormals Result Report. Both reports are produced by entering in a date range as well as how the user wants the report data to be sorted.



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 than 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 E8, Linwood, NJ 08221

Result Statistics

CLIA ID #: 12D7854321
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 %

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

Reports Order Entry Result Search Logout

Abnormals Report

Start Date: 12/30/2014 End Date: 01/30/2015

Order By: Patient First Name Patient First Name Patient Last Name Accession Test Name

Direction: Ascending

Submit

The Abnormals Report can have its 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.

Start Date: 01/30/2015

Order By: Patient First Name

January, 2015

Mo	Tu	We	Th	Fr	Sa	Su
29	30	31	01	02	03	04
05	06	07	08	09	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	01
02	03	04	05	06	07	08

Today Clear date

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.

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 resultated. 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: 05/02/2014 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 8:08 PM	Abnormal High
6	Fedeli, Bert (BF03051984)	Insulin (1200)	5/24/14 8:38 PM	Abnormal High
6	Fedeli, Bert (BF03051984)	LDL (59)	5/24/14 8:38 PM	Abnormal High
6	Fedeli, Bert (BF03051984)	Triglycerides (781)	5/24/14 8:38 PM	Abnormal High
5	Fedeli, Bert (BF03051984)	Lp(a) (312)	5/24/14 8:07 PM	Abnormal CID High
5	Fedeli, Bert (BF03051984)	Magnesium (688)	5/24/14 8:08 PM	Abnormal High
6	Fedeli, Bert (BF03051984)	Magnesium (688)	5/24/14 8:38 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 8:38 PM	Abnormal High
5	Fedeli, Bert (BF03051984)	Total T3 (7)	5/24/14 8:08 PM	Abnormal High
6	Fedeli, Bert (BF03051984)	Total T3 (7)	5/24/14 8:38 PM	Abnormal High
5	Fedeli, Bert (BF03051984)	Vitamin D (141)	5/24/14 8:07 PM	Abnormal Low
6	Fedeli, Bert (BF03051984)	Vitamin D (141)	5/24/14 8:38 PM	Abnormal Low
5	Fedeli, Bert (BF03051984)	Non-HDL (951)	5/24/14 8:07 PM	Abnormal CID High
6	Fedeli, Bert (BF03051984)	Non-HDL (951)	5/24/14 8:38 PM	Abnormal High
5	Fedeli, Bert (BF03051984)	VLDL (966)	5/24/14 8:07 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 8:38 PM	Abnormal CID High
5	Fedeli, Bert (BF03051984)	HDL2b (2965)	5/24/14 8:08 PM	Abnormal CID High
6	Fedeli, Bert (BF03051984)	HDL2b (2965)	5/24/14 8:38 PM	Abnormal CID High
5	Fedeli, Bert (BF03051984)	Uric Acid (700)	5/24/14 8:08 PM	Abnormal High
5	Fedeli, Bert (BF03051984)	Uric Acid (700)	5/24/14 8:38 PM	Abnormal High

Powered by CSS, Inc. 01/29/2015

Page 2 of 7

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.



Positive Tests Report

Start Date: 05/17/2015		End Date: 06/17/2015													
Order By: Patient Last Name		Direction: Ascending													
Test Name begin typing a test name	Test Number type a test #	Selected Tests: <table border="1"> <thead> <tr> <th>#</th> <th>Name</th> <th>Remove</th> </tr> </thead> <tbody> <tr> <td>6003</td> <td>Hydrocodone</td> <td></td> </tr> <tr> <td>6014</td> <td>Oxycodone</td> <td></td> </tr> <tr> <td>6005</td> <td>Morphine</td> <td></td> </tr> </tbody> </table>		#	Name	Remove	6003	Hydrocodone		6014	Oxycodone		6005	Morphine	
#	Name	Remove													
6003	Hydrocodone														
6014	Oxycodone														
6005	Morphine														
		Submit													

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)

Test Name hyd		Test Number type a test #	
#	Test Name	Department	Specimen
6003	Hydrocodone	Toxicology	Urine
1603	Hydrocodone	Toxicology	Saliva
6004	Hydromorphone	Toxicology	Urine
1604	Hydromorphone	Toxicology	Saliva
6012	Norhydrocodone	Toxicology	Urine
1612	Norhydrocodone	Toxicology	Saliva

Selected Tests:		
#	Name	Remove
6003	Hydrocodone	
6014	Oxycodone	
6005	Morphine	

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

Start Date:

01/30/2015

Order By:

Patient First Name



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.