

Login

- Go to: <https://healthnl.ca>
- If you are accessing HEALTHe NL through the internet you must register a token. See “Accessing HEALTHe NL from the internet” to learn how to do it. Please note, you need to be approved to be able to register a token.
- Enter your user ID and Password and click Log In.

Clinician Homepage

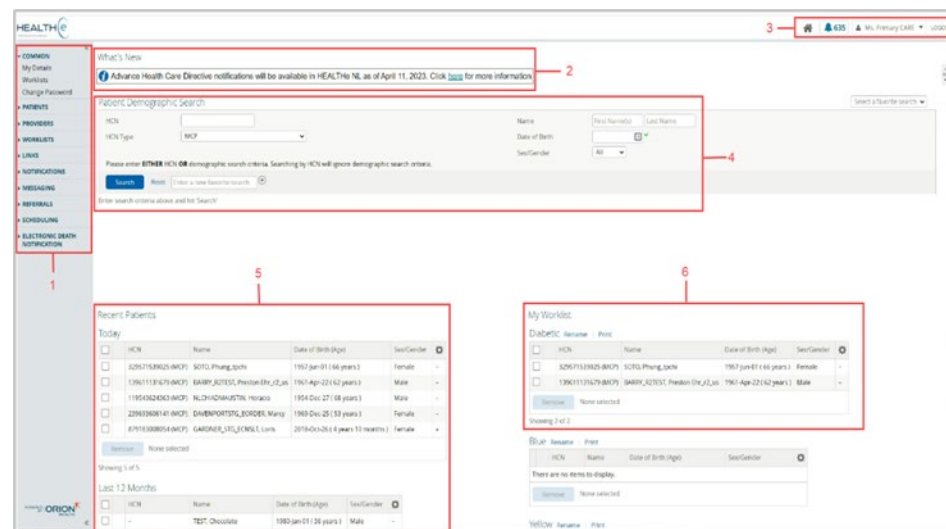

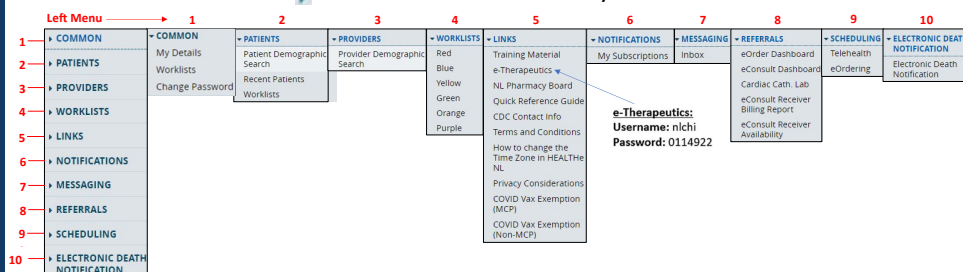


Figure 1: Clinician Homepage

The clinician homepage (shown above) is a personalized view of:

- Your recent patients
- The patient demographics search
- Any worklists you may have set up.

1. **Clinical Portal Left Menu:** Provides access to administrative functionality within HEALTHe NL. This is the menu you will see when you don't have a specific patient in context. Click the  arrow to view functionality under each menu item.





2. **What's New:** Provides users a quick reference of changes, enhancements, and other items of note in HEALTHe NL. By clicking on the link “[here](#)”, a PDF file opens in a new window displaying what's new in HEALTHe NL.
3. **Global Menu:** Refers to your account information and the **Home**, **Help** and **log out** options at the top right of the screen. It is always accessible from any screen within the HEALTHe NL Viewer.



- The Home icon returns the user to the Clinician Homepage and refreshes the contents of the page.
- The Message Indicator displays the number of unread messages. It appears in red if one or more of the messages has been identified with High importance, containing an exclamation mark ! inside the bell. Besides an indicator appears at the bottom right corner. If no messages is urgent, the message indicator appears in blue.
- By clicking this arrow the ‘User settings’ and the ‘Help’ link appears. Click ‘User settings’ to go to “My details” page. Click ‘Help’ to launch the built-in help files.

Logout – Will immediately log you out of the system. Timeout is **35 minutes** of inactivity (**30 minutes** if you accessed HEALTHe NL through the internet), after which time the system will log you out. Using the **X** button, in the top right of your browser, will close your window but will not log you out of HEALTHe NL.

4. **Patient Demographic Search:** Displays search fields enabling the user to search for a patient directly from the Clinician Homepage.
 - Access via the clinician homepage or the left menu.
 - Recommended search via MCP #, search by other patient's identifiers is available (e.g. St. Pierre and Miquelon HCN, CRMS number, etc.).
 - If a patient has masked his/her profile, it will appear as a lock  icon next to his/her name.
 - If a patient has been merged, the user will see the merged patient indicator  next to the patient's name. The patient's record can't be opened until the patient is manually removed from any user worklist, (including the 'Recent Patients' worklist) the patient may appear.
5. **Recent Patients:** Displays the patient records the user has previously viewed classified by the following periods.

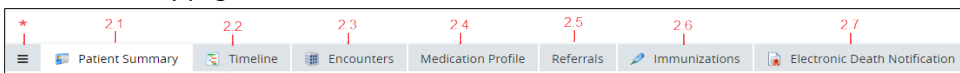
6. **Recent Patients:** Displays the patient records the user has previously viewed classified by the following periods.
 - Today • The last 7 days • The last 4 weeks • The last 12 months
7. **My Worklist:** This area contains 6 lists (by default named with colors red, blue, yellow, green, orange, purple) that you can customize by clicking **Rename** button next to the worklist name.

Patient Dynamic Summary

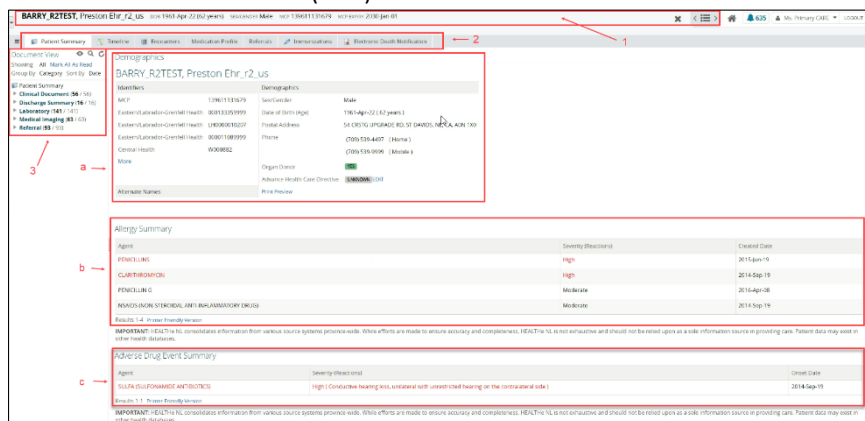
Once a patient has been selected from a search or a worklist, the Patient Dynamic Summary is displayed, consisting of three parts:

1. Patient Context Bar.
2. Patient Record tabs:
 - 2.1 Patient Summary tab (displayed by default)
 - 2.2 Timeline tab
 - 2.3 Encounters tab
 - 2.4 Medication Profile tab
 - 2.5 Referrals tab
 - 2.6 Immunizations tab
 - 2.7 Electronic Death Notification tab

* **The Clinical Portal Menu Toggle** allows to show/hide the Clinical Portal Menu from any page the user is in.



3. The Clinical Document View (CDV) Tree.



Demographics

Field	Value
MRN	1381133279
Gender	Male
Date of Birth	1967-04-12 (47 years)
Postal Address	54 CROFT LANE RD ST DAVIDS MEDICAL ACN 130
Phone	(709) 531-4407 (Home)
Cell Phone	(709) 531-4407 (Mobile)

Allergies




Agent	Severity (Reactions)	Created Date
PHENOLAMINE	High	2015-Apr-19
QUARTERMASTER	High	2015-Apr-19
PHENOLAMINE	High	2015-Apr-19
PHENOLAMINE	High	2015-Apr-19


Adverse Drug Event Summary




Agent	Severity (Reactions)	Created Date
GLUCOCORTICOSTEROIDS	High	2015-Apr-19

Figure 2: Patient Figure Dynamic Summary

1. **Patient Context Bar:** Displays patient's information (name, date of birth -DOB-, gender, and MCP). If the patient is deceased, a **DECEASED** label appears next to the MCP number.

In the Patient Context Bar, clicking the Context Lists icon  displays the list of patient search results or worklists entries, allowing a different patient to be selected. Additionally, the  and  icons can be used to change the patient in context to the previous or next patient in the list, respectively.

Clicking the  icon next to the Context Lists icon closes the Patient Dynamic Summary and returns to the previous page the user was using before the patient was brought into context.

Clicking the plus  icon next to the patient's name (left corner) displays the available worklists. You can add the current patient to a specific worklist by selecting it. Once you select a worklist the plus  icon changes to a  coloured icon. If the patient is currently on a worklist, the flag's background colour will match the colour of the flag associated with that worklist. If the patient is on two or more worklists, the background colour will match the first worklist the patient has been added to, based on the order displayed in the drop down list (red, blue, yellow, green, orange and purple).

2. Patient Record Tabs

- 2.1 **The Patient Summary tab:** It is the first screen you see when a patient's name is selected from a worklist or the results of a search. The patient's information is displayed in 3 sections.

- a. **Demographics:** Lists the patient's personal and contact details. If the patient is deceased, this is indicated by the presence of the **DECEASED** label alongside his or her name. The information displayed is shown below:

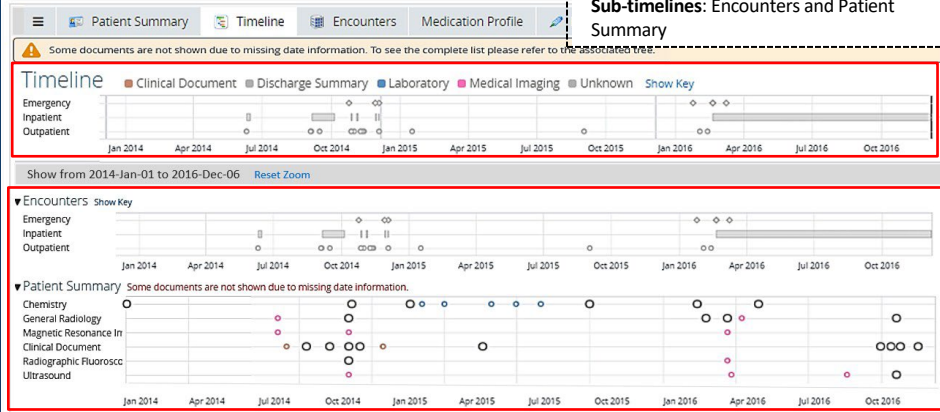
Identifiers: All available identifiers are displayed (E.g., MCP, Unit #, Out of Province HCN, St. Pierre and Miquelon HCN, etc.).


Demographics: Including gender date of birth, age, address, available phone numbers, alternate names, organ donor flag, and advance health care directive.

- b. **Allergy Summary:** Lists the patient's recorded allergies. The information displayed includes the Agent, Severity (Reactions), and Created date. **Red font denotes Severity of the Allergy "High"**.
- c. **Adverse Drug Event Summary:** Lists the patient's recorded adverse drug event. The information displayed includes the Agent, Severity (Reactions), and Created date. **Red font denotes Severity of the Adverse Drug Event "High"**.

Timeline tab: Provides the user with an overall perspective of a patient's medical history using a visual representation of encounters and documents available for that patient. It shows the information for that patient. It shows the information for a patient presented according to when that information was generated or received, with the oldest information to the left, and the newest information to the right.

Master Timeline: Provides constant view of the time range over which data is displayed.
Sub-timelines: Encounters and Patient Summary



- **To see the details of an item on the Timeline, hover the mouse over the selected node. To open the document, click “Open document”. Click the “Timeline” link to go back to the timeline.**
- **To zoom in on a specific timeframe, select a time frame in any section of the Master Timeline and the sub-timelines will displayed only the specified timeframe. Click the “Reset Zoom” link to redisplay the full timeline.**
- To see what the markers mean, click the **“Show Key”** link above each section of the timeline to display the key for that section.
- To hide the section of the timeline, click the Collapse  icon to the left of a timeline.

Encounters tab: Displays a list of the patient encounter’s history (pre-admissions are not included), there are 3 types of encounters HEALTHe NL displays: Emergency, Inpatient and Outpatient (includes Ambulatory, Recurring and Surgical).

Filter controls allow you to filter the encounters by Visit/

Clicking the **hyperlink** displays a Provider Detail Popup in a window, showing the current Provider Registry data on the

Visit Type	Emergency	Inpatient	Outpatient	RNA	Reason for Visit	Type	Location	Provider
Account Number	RNA	Visit	Discharge (Disposition)					
ER000000019	Central Health	2016-Mar-09	-		Test March 9: 10:42AM Short Form Emerg	EMERGENCY	JAMES PATON MEMORIAL REGIONAL HEALTH CENTRE - JP ER	ABDOLSAHAD, Amir
ER000000039	Central Health	2016-Feb-19	-			EMERGENCY	CENTRAL NL REGIONAL HEALTH CENTRE - HCS EHC	AARIS, Mary-Anne
ER000000039	Central Health	2016-Feb-19	-		Testing ADT in CH 12345	EMERGENCY	CENTRAL NL REGIONAL HEALTH CENTRE - CN EMERGENCY	MOGOTLANE, Lesiba
ER000000049	Central Health	2016-Feb-19	-		Fever	EMERGENCY	CENTRAL NL REGIONAL HEALTH CENTRE - CN EMERGENCY	AHMED, Yusef
CH000000116	Central Health	2016-Feb-19	-		Testing CH ADT 123567	EMERGENCY	CENTRAL NL REGIONAL HEALTH CENTRE - CN SURGERY	ASADUR, Rony
VF000001116	Eastern Health	2016-Feb-12	-		TESTING	EMERGENCY	AN WILKINSON RADIOLOGY	STONE, Dr Craig
GR000000415	Eastern Health	2016-Feb-02	2016-Jun-01		TESTING	EMERGENCY	BURN PHYSIOTHERAPY	EVANS, Karen
ER0000000816	Central Health	2016-Jan-24	-		TESTING BACKDATE ar	EMERGENCY	CENTRAL NL REGIONAL HEALTH CENTRE - CN EMERGENCY	AARIS, Mary-Anne
CH000000115	Eastern Health	2015-Sep-01	-		TESTING 2015-09-01	EMERGENCY	BUCHANAN HEALTH CENTRE (LAB)	ABDOLSAHAD, Amir

2.2 The Medication Profile Tab: It opens the “Prescriptions” page, displaying the Prescription Summary section. This section is sorted by “Last Dispensed” column, having the most recent dispensed medication (of the newest prescription) at the top.





To the left of the Prescriptions page is the **Medication Profile Menu** displaying links to additional information (pages)

Medication Profile Menu (Links)	Description
Prescriptions	Displays patient’s most recent prescribed drugs and prescription and dispense history (Figure 1).
Other Medications	Displays patient’s reported non-prescribed drugs.
Allergy and Adverse Drug Event	Displays patient’s active allergies and adverse drug events.
Devices	Displays the patient’s most recent prescribed devices and prescription and dispense history.
Medical Conditions	Displays patient’s reported Medical Conditions.
Pharmacy Notes	Displays pharmacy notes recorded on the patient.

From the “Prescriptions”, “Other Medications” and “Devices” pages the user may use the **filter controls** to organize the data returned in the result set by **Range** (timeframe) and by **Status** (prescription status).

Range: ☐ 4 months ☒ 12 months ☐ 24 months Status: ☒ Aborted ☒ Active ☒ Completed ☒ Suspended

The following table summarizes a list of icons and links found in the Medication Profile Tab.

Icons/ Links	Information Displayed
	To view prescription detail.
	To view a Drug Utilization Report detail.
	To view Drug Dispense detail.
	To view Device Dispense detail.
Next/ Prev	To scroll through a returned results set.
Print Friendly Version	To create a printed document of a returned result set.

2.3 The Referrals Tab: It provides access to eOrder, eConsult, eTriage Assessments (not currently in use) and Cardiac Cath. Lab (myCCath).

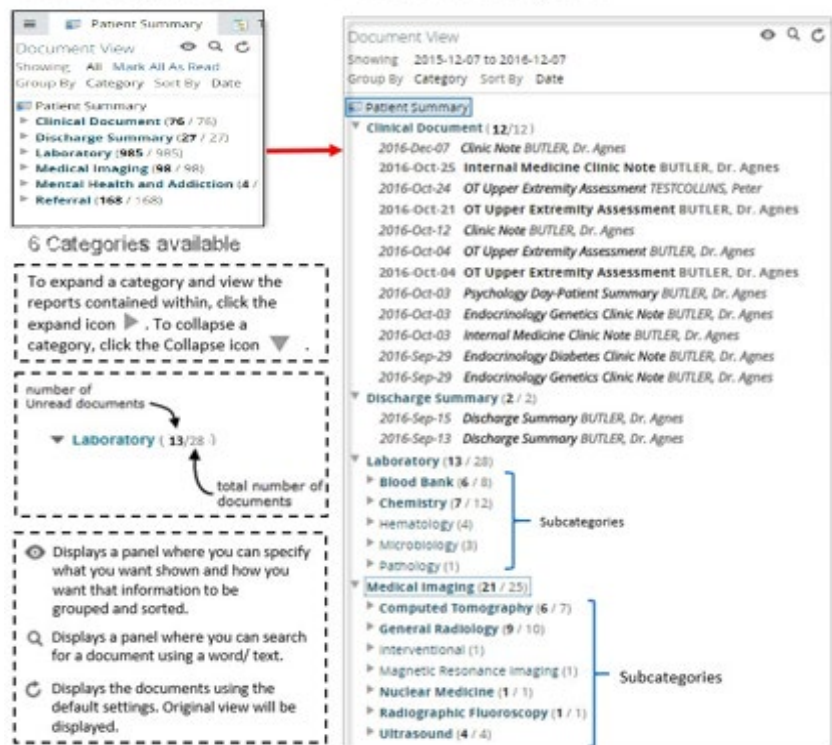
The Immunizations Tab: It provides patient immunization records and related adverse reaction data sourced from the Provincial Client and Referral Management System (CRMS) for patients born 2003 or after. Immunization records for patients born before 2003 may exist in the Communicable disease Control office in your Regional Health Authority. The contact numbers may be found on the Clinician Homepage under **LINKS > CDC Contact info links** (To see how to get to **LINKS** see page 1, Left menu section).

Electronic Death Notification Tab: This tab links pre-approved roles to access a fillable document regarding a patient’s death information.

- CDV Tree:** Displays all the current reports for the selected patient. By default the reports are grouped by category and subcategory. The category is only visible when there are patient reports available in that grouping; otherwise, the category is not displayed.

Report Categories: All reports are displayed as links in the CDV Tree and have been classified into categories.

CDV Categories → CDV Subcategories



6 Categories available

To expand a category and view the reports contained within, click the expand icon ▶. To collapse a category, click the Collapse icon ▼.

number of Unread documents
▼ Laboratory (13/28)
total number of documents

Displays a panel where you can specify what you want shown and how you want that information to be grouped and sorted.

Displays a panel where you can search for a document using a word/ text.

Displays the documents using the default settings. Original view will be displayed.

Subcategories

- Blood Bank (6 / 8)
- Chemistry (7 / 12)
- Hematology (4)
- Microbiology (3)
- Pathology (1)

Subcategories

- Computed Tomography (6 / 7)
- General Radiology (9 / 10)
- Interventional (1)
- Magnetic Resonance Imaging (1)
- Nuclear Medicine (1 / 1)
- Radiographic Fluoroscopy (1 / 1)
- Ultrasound (4 / 4)

- Each report that is displayed appears in the following format:**

<Date> <Title> <Author> (Date format = YYYY-Mon-DD; E.g., "2013-Oct-21")

Depending on the report type, each of the above elements corresponds to:

Report Category	Date	Title	Author
Clinical Documents	Service Date	Report Title	Dictating Provider
Discharge Summary	Service Date	Report Title	Dictating Provider
Laboratory	Collected Date	Report Title	Ordering Provider
Medical Imaging	Exam Date	Report Title	Ordering Provider

- Abnormality indicators:** Some reports are rolled up in the CDV tree. In this case, the abnormality indicator represents the abnormality of the latest report in the series. When a rolled-up report entry is displayed in the CDV tree with the red color but no abnormality indicator, this means that some report in the series was abnormal (but not the latest one).

Category	Report Result containing	Abnormality Indicator	Report's title color
Laboratory	High/ low or Critical high/ low value in the series (Not the most recent result)	No indicator	Red
Laboratory	High or low value (the most recent result in the series)	* (single asterisk)	Red
Laboratory	Critical high or low value (the most recent result in the series)	** (double asterisk)	Red
Medical Imaging	Critical significant findings	** (double asterisk)	Red
Medical Imaging	Report Originated from the Emergency Room department	! (exclamation mark)	Red
All	Values within normal range	No indicator	Black

- Report Status:**

Report Status	Description	Displayed in
Signed	Report has been signed by clinician.	Normal font
Draft	Report is a draft and not yet signed.	Italicized font
Pending	Report is pending and cannot be viewed.	Italicized font
Cancelled	Report has been cancelled and cannot be viewed.	Strikethrough font
Correction in progress	Report is being corrected and cannot be viewed. (Pathology only)	Italicized font
HAddendum	An addendum is pending in the report. (Medical Imaging only)	Italicized font
Retracted	Report has been retracted and cannot be viewed.	Gray styling font


- Read/ Unread:** The CDV tree indicates the number of read/ unread reports (in brackets) in a given category, for the current user.
- Popover/ Tooltip:** When viewing reports in the CDV tree and hovering the mouse over a report, a popover/tooltip appears, providing the user with information about the report. The popover for each report contains the following attributes: Title, Source Date, Category, Service, Author and Source. (Only displayed if present in the CDR).

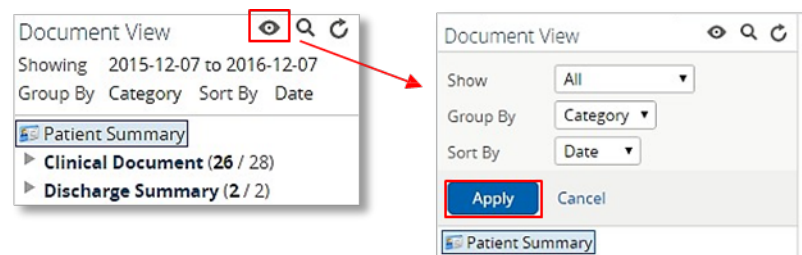
The popover contains links that allow the user to mark the document (or multiple documents if viewing a link for a cumulative report) as Read or Unread.


3. CDV Tree (continue)

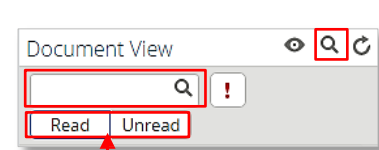
- **Date Range Filtering, Grouping and Sorting:** By default, the reports contained in each folder are displayed by date in descending order, beginning with the most recent (within the folder). However, this order can be changed and the reports can be filtered by date, group or sort.

Description	Options
Show (Filtered by date)	All, Last 72 hours, Last 3 months, Last N days/ weeks/ months, or Specific date range specified by the user.
Group by	Category, Date, Service, Author, and Source.
Sort by	Date, Title, or Author


Selecting the “Document View Control”  icon will display the Show, Group by, and Sort by options to select. Choose the option you desire and click “Apply”.




- **Searching:** The CDV tree can be searched with free-text to find any reports that have an attribute matching the specified text. To perform a search click the “Search”  icon, the search option is display, then type the desired search text in the text box.



The “Read” and “Unread” toggle buttons may be used to show only Read or Unread reports.

 This icon is used to show documents not signed off. Document sign-off is not configured in the HEALTHe NL Viewer, thus this icon does not have any functionality for now.

 This icon is used to show documents that have been marked as important. None of current documents display in the HEALTHe NL Viewers are marked with importance (only abnormality), thus this icon does not have any functionality for now.

- **Clinical Document & Discharge Summary:** Clinical Documents and Discharge summaries are included in the “Clinical Documents” and “Discharge Summary” categories respectively. The title of each report link in the CDV tree indicates the name of the report, and the results section displays the dictated report.

- A Clinical Document/ Discharge Summary contains:

1. Report Header
2. Results (textual report)

To print the report click here.

This is the Report Status.

Any comments associated with the report are displayed after the main information in the header, as part of the header. Suppressed when no such comments exist.

Clinicians who have been copied on the report.

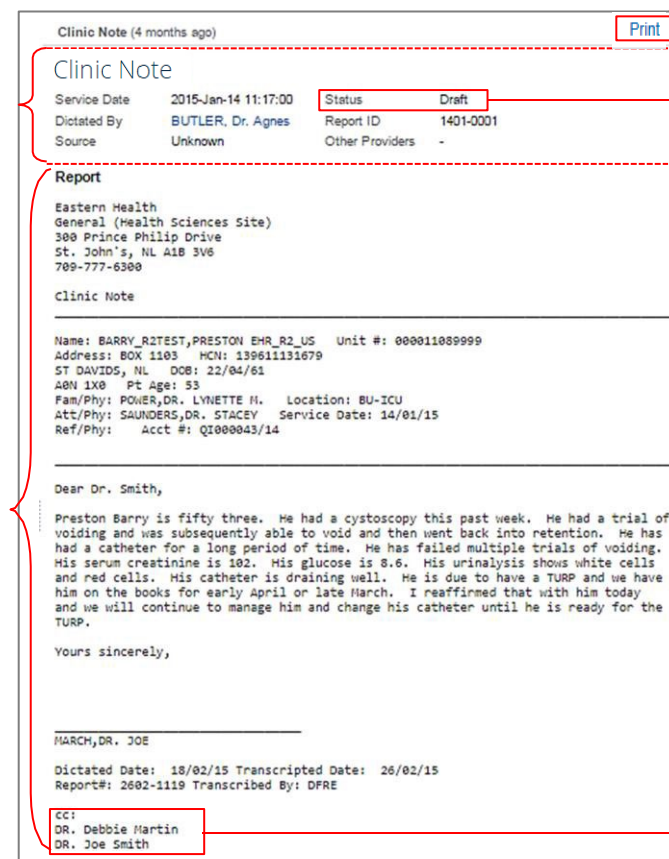


Figure 3: Clinic Note

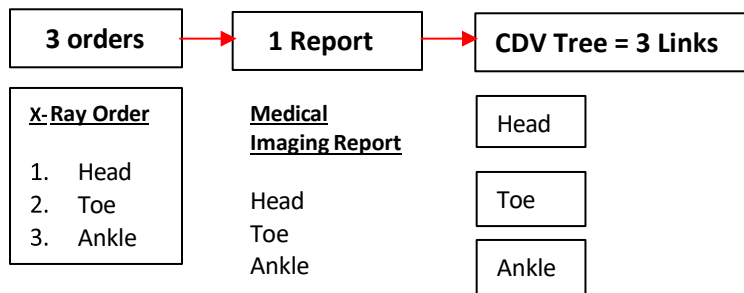
The Results panel displays the textual dictated report. In the case of **cancelled or pending** reports, the textual report is not shown and the following message is displayed instead: “Unavailable Cancelled/ Pending report is not available”
In the case that a report has been retracted the following message is displayed: “**Unavailable** retracted – please refer to the Meditech source system to view the report.”

CDV Tree - Report Categories/ Types: Clinical Document (continue)

Clinical Document Report Statuses:

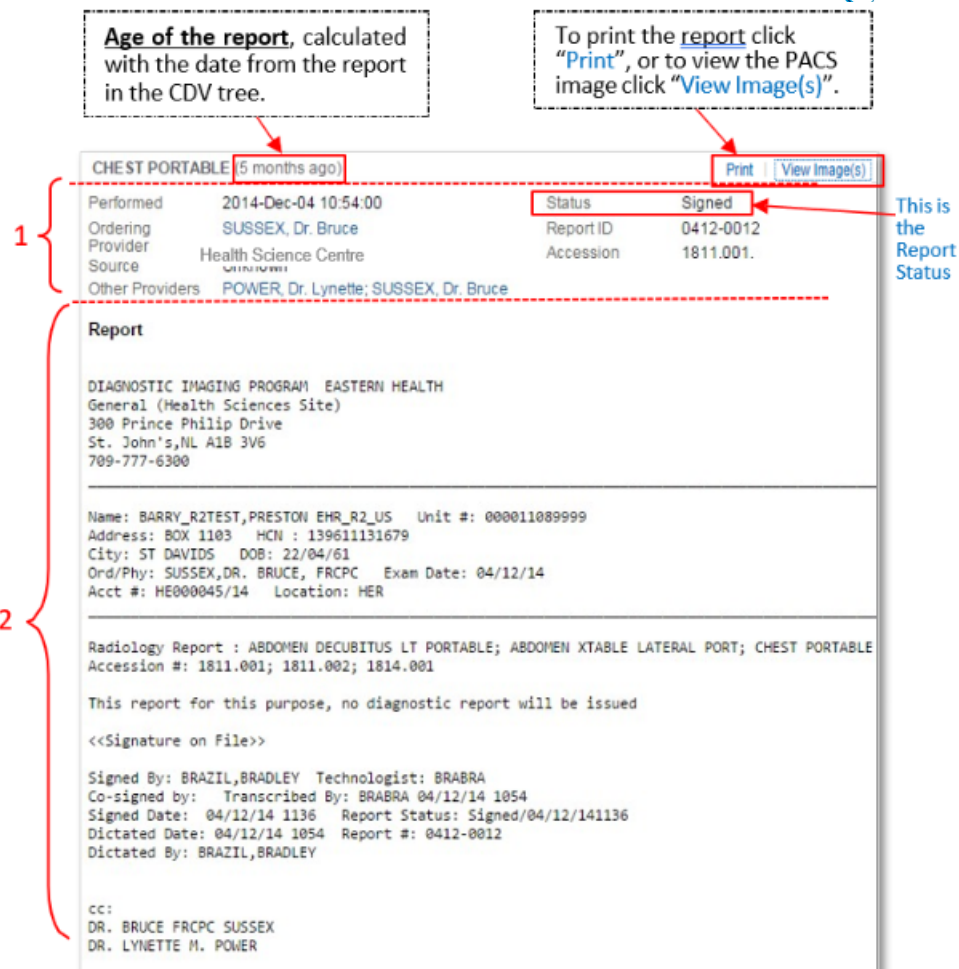
Clinical Documents Report Statuses		
Report Status	Description	Displayed in
Signed	Report has been signed by clinician.	Normal font
Draft	Report is a draft and not yet signed.	Italicized font
Pending	Report is pending and cannot be viewed.	Italicized font
Cancelled	Report has been cancelled and cannot be viewed.	Strikethrough font
Retracted	Report has been retracted and cannot be viewed.	Gray styling font

- Medical Imaging Reports:** Includes the "Medical Imaging" category/ folder. Medical Imaging reports are associated with one Requisition Number (Report ID). They are displayed using multiple links in the CDV tree (one link for each test). The title of each report link in the CDV tree indicates the name of the individual examination, and the results section displays the same textual report for each of the links.



Each of the links/ reports is considered distinct for the purposes of read/unread status tracking.

- A Medical Imaging Report contains:
 - Report Header
 - Results (textual format)



The screenshot shows a medical imaging report interface. Annotations include:

- Age of the report:** A box pointing to "5 months ago" in the report title.
- Print/View Image(s) buttons:** A box pointing to the "Print" and "View Image(s)" buttons.
- Status:** A box pointing to the "Status" field, which shows "Signed".
- Report Content:** A box pointing to the main report body, which includes patient information, exam details, and the radiology report text.

The report content includes:

CHEST PORTABLE 5 months ago

Performed 2014-Dec-04 10:54:00
 Ordering Provider SUSSEX, Dr. Bruce
 Source Health Science Centre
 Other Providers POWER, Dr. Lynette; SUSSEX, Dr. Bruce

Report

DIAGNOSTIC IMAGING PROGRAM EASTERN HEALTH
 General (Health Sciences Site)
 300 Prince Philip Drive
 St. John's, NL A1B 3V6
 709-777-6300

Name: BARRY, R2TEST, PRESTON EHR_R2_US Unit #: 000011089999
 Address: BOX 1103 HCN : 139611131679
 City: ST DAVIDS DOB: 22/04/61
 Ord/Phy: SUSSEX, DR. BRUCE, FRCPC Exam Date: 04/12/14
 Acct #: HE000045/14 Location: HER

Radiology Report : ABDOMEN DECUBITUS LT PORTABLE; ABDOMEN XTABLE LATERAL PORT; CHEST PORTABLE
 Accession #: 1811.001; 1811.002; 1814.001

This report for this purpose, no diagnostic report will be issued

<<Signature on File>>

Signed By: BRAZIL, BRADLEY Technologist: BRABRA
 Co-signed by: Transcribed By: BRABRA 04/12/14 1054
 Signed Date: 04/12/14 1136 Report Status: Signed/04/12/141136
 Dictated Date: 04/12/14 1054 Report #: 0412-0012
 Dictated By: BRAZIL, BRADLEY

CC:
 DR. BRUCE FRCPC SUSSEX
 DR. LYNETTE M. POWER

Figure 4: Medical Imaging Report

Any comments associated with the report are automatically displayed after all other header fields. Suppressed when no such comments exist.

The Results panel displays the textual dictated report.

In the case of **cancelled** or **pending** reports, the textual report is not shown and an "Unavailable Cancelled/ Pending report is not available" message is displayed instead.

In the case that a report has been **retracted** a message saying "Unavailable retracted – please refer to the Meditech source system to view the report."

CDV Tree - Report Categories/ Types: Clinical Document (continue)

- Medical Imaging Report Statuses**

Medical Imaging Report Status		
Report Status	Description	Displayed in CDV Tree
Signed	Report has been signed by clinician.	Normal font
Draft	Report is a draft and not yet signed.	Italicized font
Pending	Report is pending and cannot be viewed.	Italicized font
HAddendum	An addendum is pending in the report.	Italicized font
Cancelled	Report has been cancelled and cannot be viewed.	Strikethrough font
Retracted	Report has been retracted and cannot be viewed.	Gray styling font

- Laboratory Reports:** Laboratory category contains 5 subcategories: Blood Blank, Chemistry, Hematology, Microbiology and Pathology. This section describes the functionality common to viewing reports in the Blood Bank, Chemistry, and Hematology subcategories. Microbiology and Pathology are not included in this section since they are textual reports.

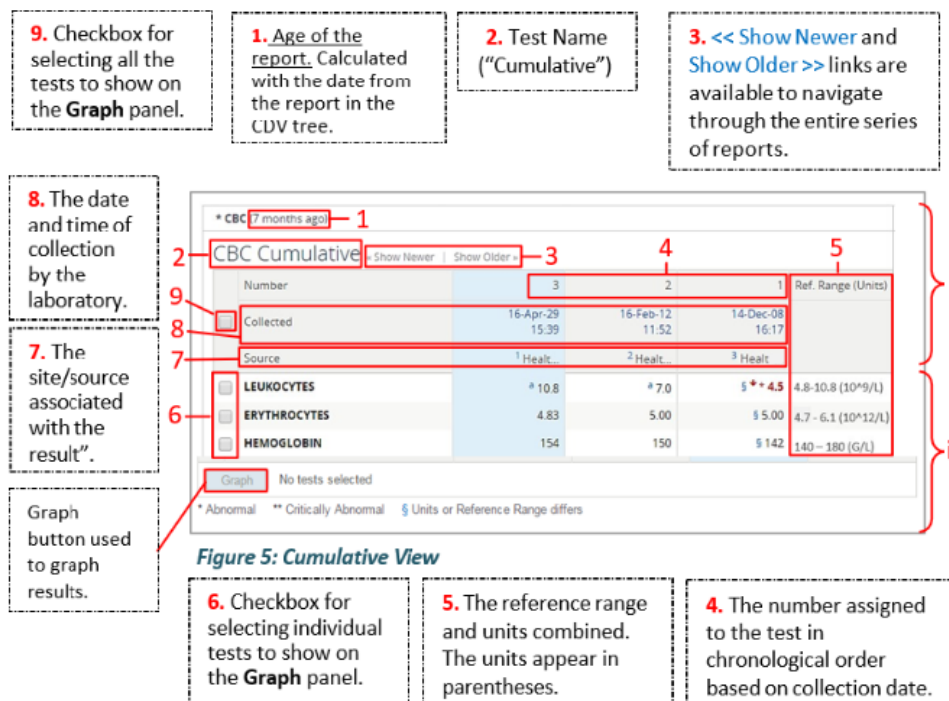
- Blood Bank, Chemistry, and Hematology reports are typically numeric results displayed in a table or panel format but may also include textual observations or comments. Only these reports are “rolled up” in the CDV tree, so multiple reports of the same type have one line entry in the CDV tree.

When reports are rolled up, they are displayed in cumulative view when selected from the CDV tree. The date and abnormality indicator (if any) shown for rolled up reports in the CDV tree is the date of the most recent report in the set of rolled up reports.

- Cumulative View: Presents a series of reports of the same type (E.g., Same report mnemonic code) over time. It helps in quickly identifying any trends or patterns that may be present for a series of test results. They are presented in a tabular view, in ascending order by Collected Date, with the five newest reports being presented first in the default view.

When viewing cumulative reports, a table is displayed with the following sections (**Figure 5**):

- Cumulative Header
- Cumulative Body (results)



The **Source** may have an indicator preceding it such as **1, 2, 3...** This indicates that a report-level comment exists for the report, which may be viewed in the [collection details hover](#) over of the cumulative header.

The [collection details hover](#) allows the user to view additional information about the report. From the cumulative view hover over the collected date and below this date more collection details will be displayed in a small screen.

Information displayed in the collection details hover	
Label Name	Description
Collected	The date and time of collection by the laboratory.
Received	The date and time the specimen was received by the laboratory.
Reported	The date and time that the results were composed into a report and released.
Source	The site/source associated with the result.
Specimen	The specimen number associated with the report, assigned by the source system.
<a numeric label> E.g., 1	Report-level comments associated with the report.

CDV Tree – Laboratory Reports – Cumulative View (continue)

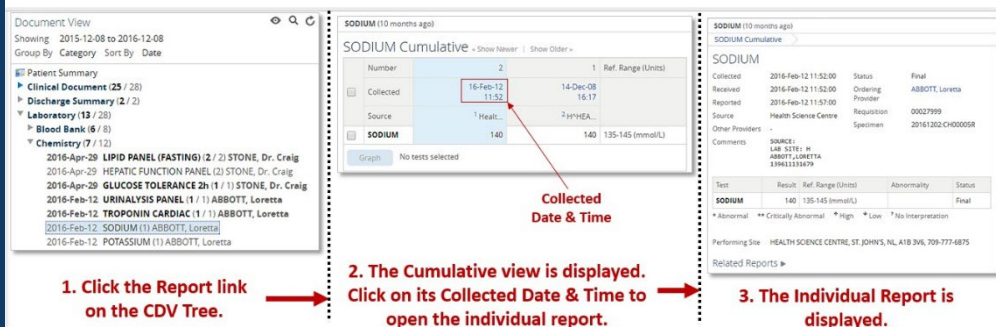
The [result details hover](#) allows the user to view additional information about the result. The results table contains the name of each test and its result value for every instance of collection. To see more details about each result you can hover over each individual result.

Information displayed in the results details hover	
Label Name	Description
	The report title. Appears as a header at the top of the hover.
	The test result value. The result value is displayed in red font if it is flagged as abnormal or critical. Otherwise it is displayed in normal font.
Reported	The date and time that the results were composed into a report and released.
Source	The site/source associated with the result (V-10.2.12).
Specimen	The specimen number associated with the report, assigned by the source system.
<a numeric label> E.g., 1	Report-level comments associated with the report.

• Cumulative View: Opening an Individual Report

Before a user can see an individual Blood Bank, Chemistry or Hematology report, the cumulative view is opened. To see an individual Blood Bank, Chemistry or Hematology report, the following steps need to be followed.

- Click the report link on the CDV tree.
- The Cumulative View is displayed which contains a table of this report's test results over.
- Click on its Collected Date (In the Cumulative View) to access the individual report.



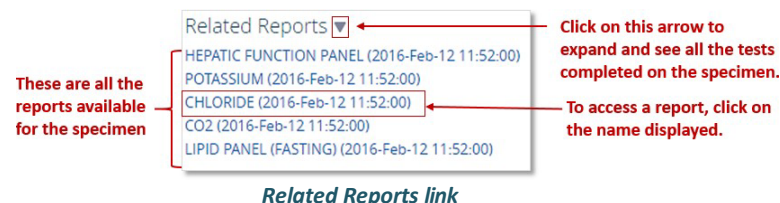
1. Click the Report link on the CDV Tree. → **2. The Cumulative view is displayed. Click on its Collected Date & Time to open the individual report.** → **3. The Individual Report is displayed.**

Opening an Individual Report from the Cumulative View

- Single Report View- Header and Results Section Value Formatting:** When test result values are displayed in the Cumulative View, the following formatting rules are used to indicate extra information about the result. The table below describes the formats used for result values in the cumulative view header and result sections respectively.

Cumulative View Header & Result Display Format		
Section	Display Format	Description
HEADER	1 (0)	If the report status is not Final or Corrected, the relevant cell is highlighted in dark orange and the sequence number and status code of the report are displayed in dark orange colored font.
	3 (P)	An "X" in brackets means the report was cancelled. A "P" in brackets means the report is pending. A "Z" in brackets means the report was retracted.
	2 (Z)	
RESULTS	-	If there is a dash "-" instead of a sequence number, it means that the result does not belong to that test but it is part of the series to be showed in the cumulative view.
	1, 2, 3...	Displayed in front of the Source to indicate that a report-level comment exists for the report. This comment may be viewed in the hover-over of the cumulative header.
	Black	Normal result; the actual value is within the reference range.
	* Red	Red font with one asterisk. Abnormal ; the results are outside the normal range and are of clinical concern.
	** Red	Red font with two asterisks. Critically High/Low ; the results are well outside the normal range and are of great clinical concern.
RESULTS	↑ Red	Red arrow pointing up (↑). The result is abnormal or critically abnormal High relative to the reference range. It appears next to the abnormal (*) or critically abnormal (**) result value.
	↓ Red	Red arrow pointing down (↓). The result is abnormal or critically abnormal Low relative to the reference range. It appears next to the abnormal (*) or critically abnormal (**) result value.
	-	Dash in the results section; the test result is not available (most likely not reported in this instance).
	§	Displayed in front of the actual value to indicate that its unit or reference range differs across a set of results. If any of the units are null, they are considered to match any other units that are present. Units are case sensitive; for example, mMol/L and MMOL/L would cause § to be displayed.

- Single Report View-Report Footer:** In the footer of the report, you may find the [Related Reports link](#). It allows you to access other tests completed on the specimen without going back to the CDV Tree.



These are all the reports available for the specimen

Click on this arrow to expand and see all the tests completed on the specimen.

To access a report, click on the name displayed.

Related Reports link

CDV Tree – Laboratory Reports – Graphing Results (continue)

- **Cumulative View:** Graphing Results: Graphs plot up to 10 individual results which have been selected from the Cumulative View. Note that only numeric results may be shown in the Graph View; textual results are not included and may not be selected for graphing if all the results in the series are textual.

To view multiple numeric results in a graph:

1. Select the report from the CDV tree. The results are displayed in the Cumulative View.
2. Select the results to include in the graph (up to a maximum of 10) by clicking the checkbox next to the results, or select all results by clicking the checkbox in the Cumulative Header.
3. Click the Graph button. The graphed view is displayed.

The Graph View consists of the following graphs:

- Overview Graphs
- Individual Graphs

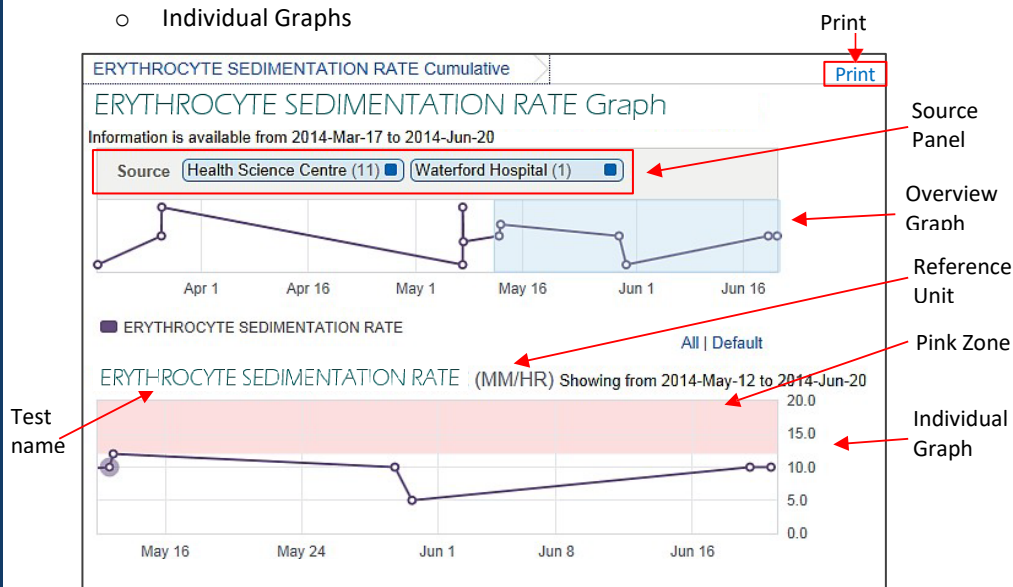


Figure 6: Cumulative View Graph

Each Individual graph represents a test involved in the result. The graph shows a data point for each result value.

The **Overview graph** shows the different test results over time on a single graph, where each line represents a particular test. The legend for the line colors are displayed below the graph.

The **Source panel** displays a separate button for each information source with an indication of how many data points on the graph came from that source. In the sample screenshot, the Overview graph includes 11 data points sourced from “**Health Science Centre.**” and 1 data point from “**Waterford Hospital.**” By default, the graph displays the results from all sources. To exclude the results provided by one or more sources, click the corresponding button on the Sources panel. Click the button again to show the data points from that source.

The Overview graph allows the user to zoom into a specific period to be displayed on the individual graphs. The mouse is used to highlight a specific area or period on the Overview graph. This action automatically changes the zoom level for the individual graphs below. The individual graphs are automatically refreshed to reflect the period specified on the Overview graph.

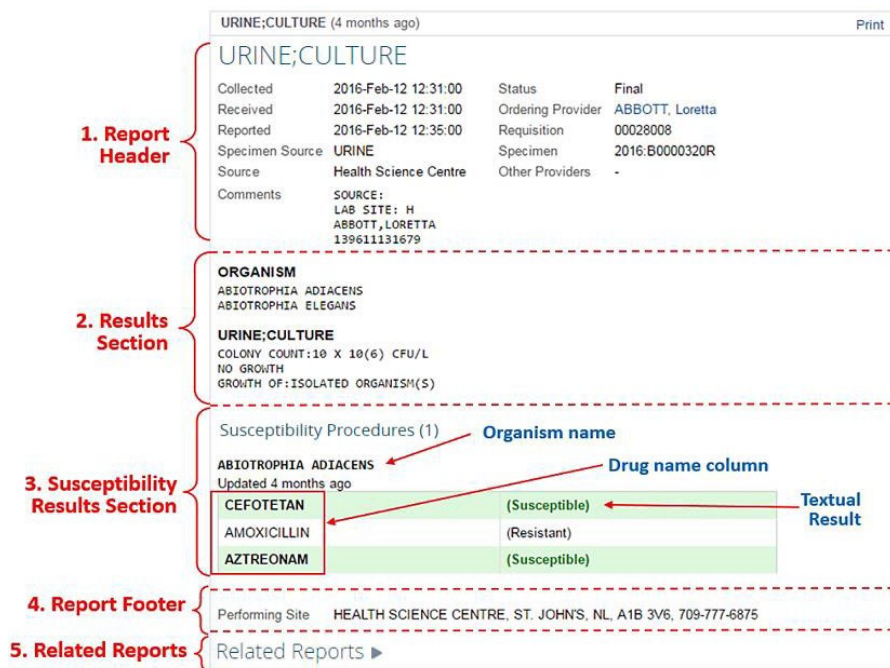
The **pink zone** in Individual graphs represents areas outside the corresponding reference range. If any point in the graph has a differing reference range or unit, the \$ symbol is displayed next to the title of the graph.

Additional information may be viewed for each data point on the graph by hovering the mouse over it. The hover displays the same information as the Result Details Hover in the Cumulative View. Please see “Result Details Hover” for details (page 8 – left side).

• Cumulative View: Printing Graphs

- The Graph View may be printed by selecting the **Print** link in the upper right corner of the Graph View page.
- Depending on the user’s modification of the Graph View, not all results may be printed in a single printout. It is therefore recommended to print reports using the single report view.
- A **warning: “MAY NOT CONTAIN ALL AVAILABLE RESULTS AND DATA”** is displayed on the printed presentation of the Graph View to advise users about the completeness of the data.
- A “**patient sticky**” is displayed in the upper left with the patient’s name, gender, age, date of birth, and MCP number to identify the patient.
- The **HEALTHe NL Disclosure** is displayed at the bottom of the printed presentation to warn users about the accuracy and completeness of the information.

- **Microbiology reports are textual reports.** When a user clicks a Microbiology Report link in the CDV Tree the report is displayed



1. Report Header

2. Results Section

3. Susceptibility Results Section

4. Report Footer

5. Related Reports

Organism name

Drug name column

Textual Result

URINE;CULTURE (4 months ago)

Print

URINE;CULTURE

Collected 2016-Feb-12 12:31:00 Status Final
 Received 2016-Feb-12 12:31:00 Ordering Provider ABBOTT, Loretta
 Reported 2016-Feb-12 12:35:00 Requisition 00028008
 Specimen Source URINE Specimen 2016:B0000320R
 Source Health Science Centre Other Providers -
 Comments SOURCE:
 LAB SITE: H
 ABBOTT, LORETTA
 139611131679

ORGANISM
 ABITROPHIA ADIACENS
 ABITROPHIA ELEGANS

URINE;CULTURE
 COLONY COUNT: 10 X 10(6) CFU/L
 NO GROWTH
 GROWTH OF ISOLATED ORGANISM(S)

Susceptibility Procedures (1)

Organism name	Drug name column	Textual Result
ABITROPHIA ADIACENS	Updated 4 months ago	(Susceptible)
AMOXICILLIN		(Resistant)
AZTREONAM		(Susceptible)

Performing Site HEALTH SCIENCE CENTRE, ST. JOHNS, NL, A1B 3V6, 709-777-6875

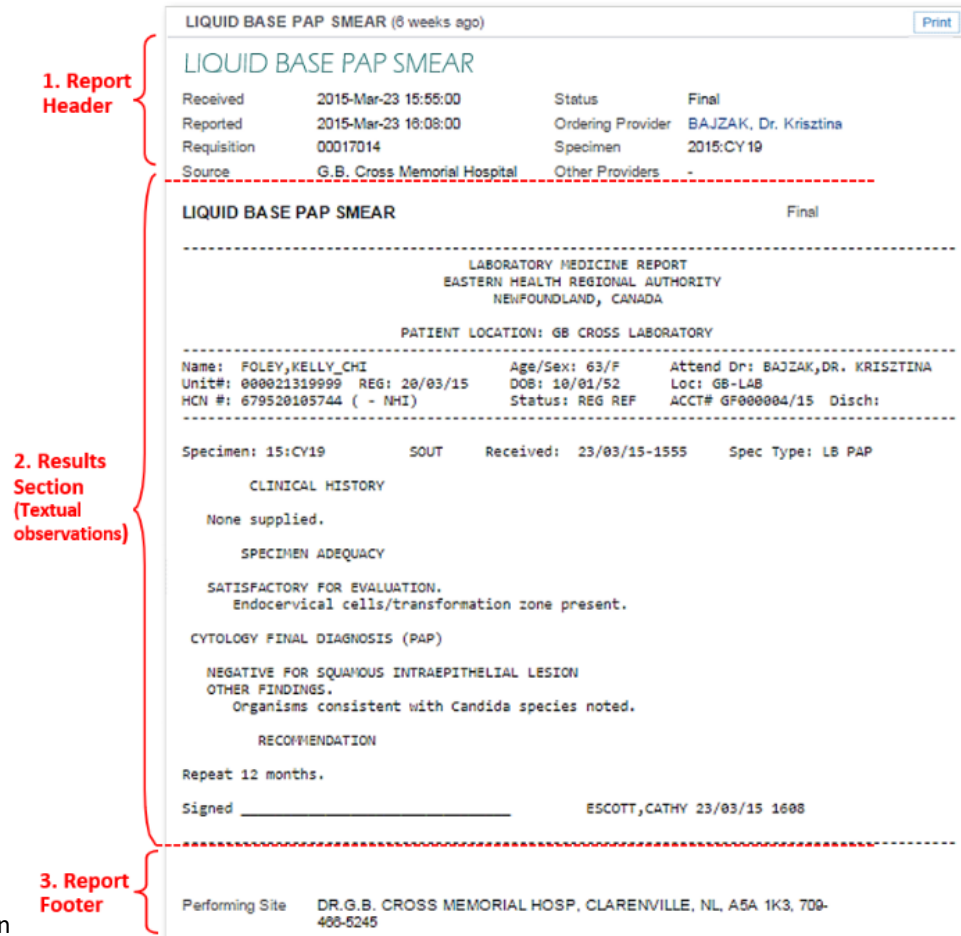
Related Reports ▶

Figure 7: Microbiology Report

Microbiology Reports: Susceptibility Results Section

- **Susceptibility Procedures (n)** is a count (number in parenthesis) of any child susceptibility reports related to this report, which are displayed in the susceptibility Results Section.
- The **Drug Name** will be displayed in bold if the organism was found to be susceptible to this drug. The table row background is also subtly highlighted in light green. Otherwise, the drug name is displayed in normal font.
- **Textual result** may be comprised of route, dose, and cost information.
- **Textual Result** is followed by the susceptibility description in parentheses. If the organism is susceptible to the drug, the result is **coloured in green bold font**; the table row background is also subtly highlighted. Otherwise, the result and row are displayed in normal font.
- By default, the **Related Reports** section is collapsed. To expand this section and view the reports contained within click the Expand icon ▶. To collapse the section click the Collapse icon ▼.

- **Pathology reports** are textual reports. When a user clicks a Pathology Report link in the CDV Tree the report is displayed.



1. Report Header

2. Results Section (Textual observations)

3. Report Footer

LIQUID BASE PAP SMEAR (6 weeks ago)

Print

LIQUID BASE PAP SMEAR

Received 2015-Mar-23 15:55:00 Status Final
 Reported 2015-Mar-23 16:08:00 Ordering Provider BAJZAK, Dr. Krisztina
 Requisition 00017014 Specimen 2015:CY19
 Source G.B. Cross Memorial Hospital Other Providers -

LIQUID BASE PAP SMEAR Final

LABORATORY MEDICINE REPORT
 EASTERN HEALTH REGIONAL AUTHORITY
 NEWFOUNDLAND, CANADA

PATIENT LOCATION: GB CROSS LABORATORY

Name: FOLEY, KELLY, CHI Age/Sex: 63/F Attend Dr: BAJZAK, DR. KRISZTINA
 Unit#: 000021319999 REG: 20/03/15 DOB: 10/01/52 Loc: GB-LAB
 HCN #: 679520105744 (- NHI) Status: REG REF ACCT# GF000004/15 Disch:

Specimen: 15:CY19 SOUT Received: 23/03/15-1555 Spec Type: LB PAP

CLINICAL HISTORY

None supplied.

SPECIMEN ADEQUACY

SATISFACTORY FOR EVALUATION.
 Endocervical cells/transformation zone present.

CYTOLOGY FINAL DIAGNOSIS (PAP)

NEGATIVE FOR SQUAMOUS INTRAEPITHELIAL LESION
 OTHER FINDINGS.
 Organisms consistent with Candida species noted.

RECOMMENDATION

Repeat 12 months.

Signed _____ ESCOTT, CATHY 23/03/15 1608

Performing Site DR.G.B. CROSS MEMORIAL HOSP, CLARENVILLE, NL, A5A 1K3, 709-480-5245

Figure 8: Pathology Report

- **Laboratory Reports Statuses**

Laboratory Reports Statuses		
Report Status	Description	Displayed in
Final	Final results; results stored and verified.	Normal Font
Pending	Results pending. Applies to results on panels only .	Italicized font
Correction in progress	Report is being corrected and cannot be viewed. Applies to Pathology reports only .	Italicized font
Retracted	Report has been retracted and cannot be viewed.	Gray styling font
Cancelled	No results available; Order cancelled.	Strikethrough font