

Results Review Tab

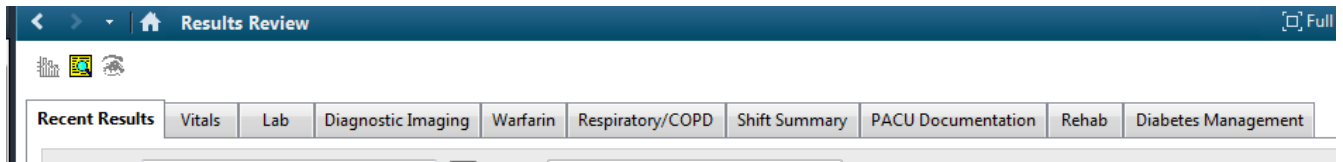
The tab divided into several flowsheets. The four flowsheets viewed by most clinicians are

- Recent Results
- Vitals
- Lab
- Diagnostic Imaging

Other tabs that may be seen depending upon the clinician's position are

- Warfarin
- Resp/COPD Pathway
- Shift Summary
- PACU
- Rehab
- Diabetic Management

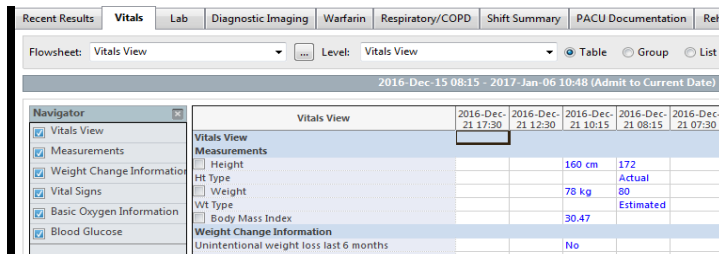
You are not able to document directly on these tabs.



Changing the View on all flowsheets (Results Review, Vitals, Assessments)

Clinicians can use the Table, Group and List views to change the way the flowsheet displays the information to aid in trending and viewing data in an alternate fashion.

- **Table view** is the standard flowsheet viewing method



The screenshot shows the 'Vitals View' flowsheet in 'Table' view. The interface includes a 'Navigator' on the left with options like 'Vitals View', 'Measurements', 'Weight Change Information', 'Vital Signs', 'Basic Oxygen Information', and 'Blood Glucose'. The main table displays data for 'Vitals View' across several dates and times. The 'Table' view is selected in the top right corner.

	2016-Dec-21 17:30	2016-Dec-21 12:30	2016-Dec-21 10:15	2016-Dec-21 08:15	2016-Dec-21 07:30
Vitals View					
Measurements					
Height			160 cm	172	
HT Type				Actual	
Weight			78 kg	80	
Wt Type				Estimated	
Body Mass Index			30.47		
Weight Change Information					
Unintentional weight loss last 6 months			No		

- **Group view** allows clinicians to trend data in a vertical manner by displaying the vertical axis as the result date/time and the horizontal axis as the charted value

Vitals View			
Measurements	Height	Weight	Body Mass I
7/3/2006 3:01 PM CDT	120.00, 100.00	120.000, 20.000	83.33, 20.00
10/25/2004 9:06 AM CDT			
Vital Signs	Temperature	Temperature	Peripheral P
2/16/2006 4:07 PM CST	C 42.0		
2/16/2006 3:58 PM CST	H 41.0		
12/21/2005 12:37 PM CST		38	67
12/21/2005 12:29 PM CST		37	* L (c) 55
7/11/2005 3:49 PM CDT	37.0		88
3/30/2005 3:35 PM CST	99.0		
3/30/2005 3:34 PM CST	H 39.0		
1/18/2005 2:37 PM CST	37.0		80
9/17/2004 1:43 PM CDT			
5/20/2004 1:04 AM CDT			
1/28/2004 4:35 AM CST	37.0		68

- **List view** can be used to view all the results that were charted during at a specific time together, rather than being divided into the normal groupings of results.

Event Date	Event	Result	Ref. Range	Status
1/28/2004 4:35 AM CST	Temperature Oral	37.0	(35.8 - 37.3)	
	Peripheral Pulse Rate	68	(60 - 100)	
	Respiratory Rate	16	(14 - 20)	
	Systolic Blood Pressure	120	(90 - 140)	
	Diastolic Blood Pressure	80	(60 - 90)	
	Mean Arterial Pressure	93		
3/24/2004 3:17 PM CST	Oxygen Flow Rate	2.0		
5/20/2004 1:04 AM CDT	Systolic Blood Pressure	114	(90 - 140)	
	Diastolic Blood Pressure	72	(60 - 90)	
	Mean Arterial Pressure	86		
9/17/2004 1:43 PM CDT	Systolic Blood Pressure	120	(90 - 140)	
	Diastolic Blood Pressure	80	(60 - 90)	
	Mean Arterial Pressure	93		
9/17/2004 1:54 PM CDT	Primary Pain Location	Parietal		

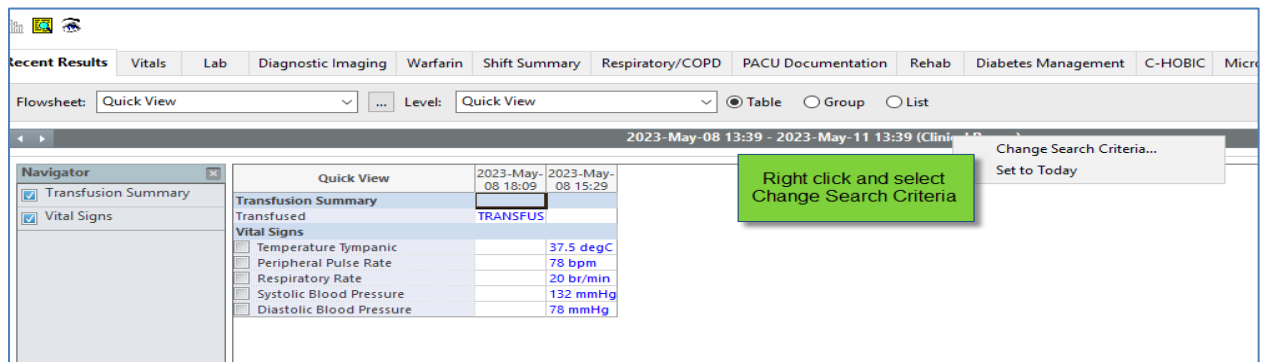
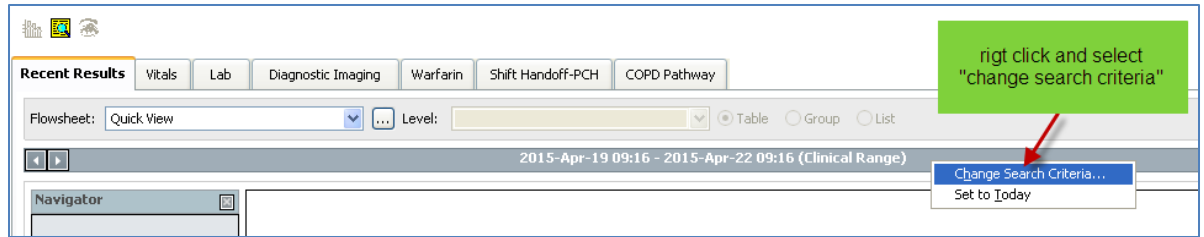
Flowsheet Functionality

Changing the Clinical Date Range

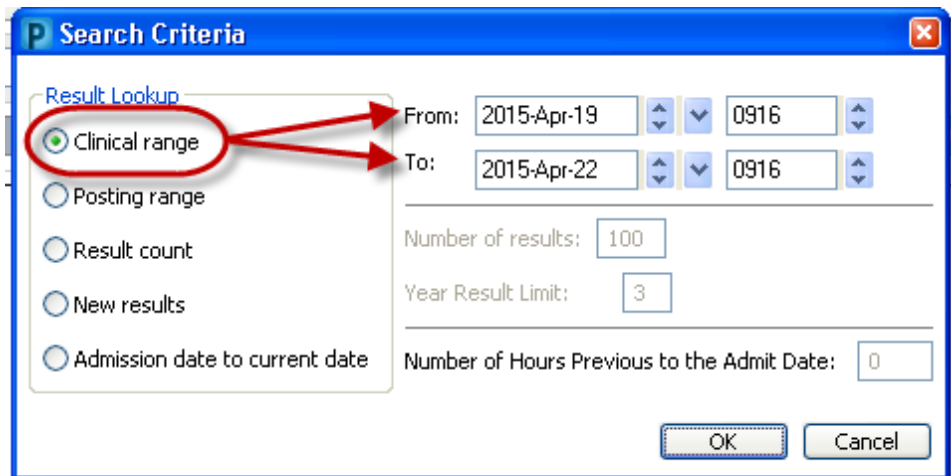
The Clinical Date Range is located above the Navigator and the Results Display. The number of days you have visible in the flowsheet will depend on which flowsheet you have displayed.

To change the Clinical Range:

1. Right click on the Clinical Range bar.
2. Select Change Search Criteria



3. In the Search Criteria box, select the desired criteria



- Clinical Range – enter the desired date and time range
- Posting Range – enter a date and time range for when the results were sent to the system **(NOT RECOMMENDED)**
- Result Count – enter a number in the Number of Results fields to get all results
- Admission date to Current date – displays all results from admission to current date **(Not recommended for prolonged encounters)**

4. Click OK.

Bookmark icon

The screenshot shows the top navigation bar of the PowerChart interface. A red circle highlights the bookmark icon (a small eye with a red outline) in the top left corner. A green box with the text "bookmark icon" and a red arrow points to this icon. Below the navigation bar, the "Recent Results" section is visible, showing tabs for "Vitals", "Lab", "Diagnostic Imaging", "Warfarin", "Shift Handoff-PCH", and "COPD Pathway". The "Flowsheet" is set to "Quick View" and the "Level" is also "Quick View". The "Table", "Group", and "List" options are visible. The clinical range is "2015-Apr-19 09:58 - 2015-Apr-22 09:58 (Clinical Range)".

When you click on the Icon bookmark, the information in the data box 'Cell' turns from blue to black.

09:56 - 2017-Apr-06 09:56 (Clinical Range)

	2017-Apr-04 09:28	2017-Apr-04 09:17	2017-Apr-04 09:07
			176 cm
			65 kg
			20.98
		37 degC	38 degC
* H In Error		65 bpm	88 bpm
			20 br/min
		134 mmHg	135 mmHg
		88 mmHg	L 54 mmHg
			H 145 mmHg
			77 mmHg

The screenshot shows the same PowerChart interface as above, but with a green box labeled "Click on 'Book Mark'" pointing to the bookmark icon. Another green box labeled "Text now 'Black'" points to the "176 cm" value in the data table, which is now displayed in black text. The "Recent Results" section shows tabs for "Vitals", "Lab", "Diagnostic Imaging", "Warfarin", "Respiratory/COPD", "Shift Summary", "PACU Documentation", "Rehab", and "Di". The "Flowsheet" is set to "Quick View" and the "Level" is "Quick View". The "Table", "Group", and "List" options are visible. The clinical range is "2017-Apr-03 09:56 - 2017-Apr-06 09:56 (Clinical Range)".

Navigator Bar

The Navigator Bar is the area located on the left side of a Flowsheet tab

Results Review

Recent Results Vitals Lab Diagnostic Imaging Warfarin Shift Summary Respiratory/COPD PACU Documentation Rehab

Flowsheet: Quick View Level: Quick View Table Group List

2023-Mar-25 09:39 - 2023-Mar-28 09:39 (Clini

Quick View	2023-Mar-27 08:52	2023-Mar-27 07:50	2023-Mar-27 06:18	2023-Mar-26 20:04	2023-Mar-26 17:13	2023-Mar-26 16:12	2023-Mar-26 11:04
Quick View							
Chemistry							
<input type="checkbox"/> Sodium Level		137 mmol/L					
<input type="checkbox"/> Potassium Level		3.9 mmol/L					
<input type="checkbox"/> Chloride		L 95 mmol/L					
<input type="checkbox"/> Total CO2		H 32 mmol/L					
<input type="checkbox"/> Anion Gap		10 mmol/L					
<input type="checkbox"/> Creatinine		H 96 umol/L					
<input type="checkbox"/> eGFR (CKD-EPI)		* L 47 mL/n					
Vital Signs							
<input type="checkbox"/> Temperature Tympanic	36.9 degC			36.6 degC			
<input type="checkbox"/> Peripheral Pulse Rate	97 bpm			88 bpm			
<input type="checkbox"/> Heart Rate Monitored				88			
<input type="checkbox"/> Systolic Blood Pressure	100 mmHg			98 mmHg	101 mmHg		
<input type="checkbox"/> Diastolic Blood Pressure	L 52 mmHg			L 56 mmHg	L 56 mmHg		
BP Measurement Device	Automatec			Automatec			
BP Measurement Location	Left arm			Left arm			
Basic Oxygen Information							
Oxygen Therapy Device	Room air			Room air			
<input type="checkbox"/> SpO2 Saturation	92 %			91 %			
Heart Rhythm							
Blood Glucose							
<input type="checkbox"/> POC Glucose			6.2 mmol/L	7.3 mmol/L		6.5 mmol/L	6.0 mmol/L

Navigator has the following features:

- Click on the category name you want to see. The selected category will display at the top of the screen.
- Uncheck the checkbox to the left of a category and that category will not be shown in the view on the right.
- Select the checkbox to the left of a category to view it

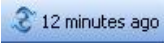
**** **Note:** If you choose to change your view or customize your navigator, it will automatically default back to the original settings the next time you sign in

Refreshing the View

Initially when the chart is opened, the system will provide the clinician with the most current data available;

As time elapses, the clinician will need to refresh the screen to view the most current data. **This is very important!!!!**

To refresh the screen:

1. Click the “Refresh” button  button

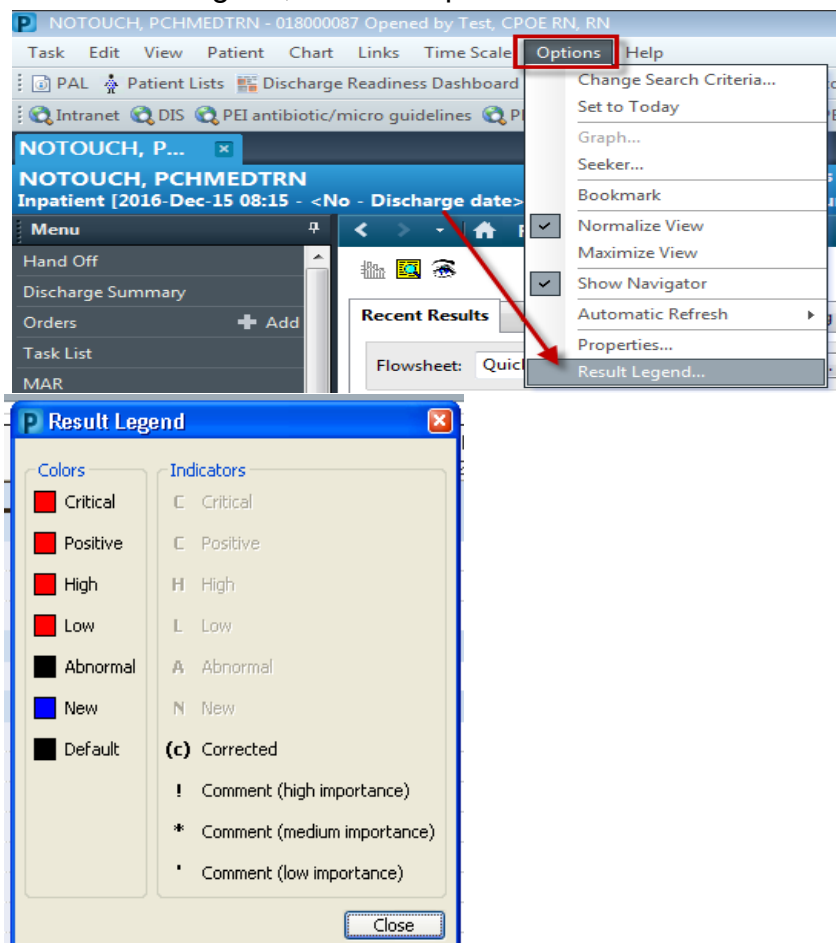
Note: You must refresh each tab/screen individually. It is recommended that you refresh frequently.

Results legends:

There are different color alerts in PowerChart.

The screen below demonstrates the result legend for the lab and vitals tab.

To find this legend, click on “options” in the menu bar and select “result legend”



Anatomy of a Result

The flowsheet provides significant information about the results that are displayed.

The result below provides the following information.

* L (c) 55

- The **red** color of the result indicates an abnormal result.
- **H** (high), **L** (low), or **C** (critically high/low) characters indicate degree of the abnormal results
- (*) The asterisk indicates there is a comment attached to the result.
- (c) The small black (c) indicate results that have been corrected or updated

Lab View	2015-Mar-31 14:42	2015-Mar-26 07:55	2015-Mar-24 14:30	2015-Mar-24 08:10	2015-Mar-21 20:00
Chemistry					
<input type="checkbox"/> Sodium Level		134 mmol/L		* 132 mmol/L	
<input type="checkbox"/> Potassium Level		4.1 mmol/L		* 4.3 mmol/L	
<input type="checkbox"/> Chloride		100 mmol/L		103 mmol/L	
<input type="checkbox"/> Total CO2		22 mmol/L		17 mmol/L	
<input type="checkbox"/> Anion Gap		12 mmol/L		12 mmol/L	

To find clinical reference range:

1. Click on the numerical result. The data box will be highlighted.
2. A reference range for this result will appear in the left lower corner of the screen (the reference bar).

The screenshot shows a lab results interface. On the left, there are checkboxes for 'Pathology Reports' and 'Urea'. The main table displays various lab tests, including 'Urea', with a result of '24.6 mmol/L' highlighted in red. A red arrow points from this result to a reference bar at the bottom of the screen. The reference bar contains the text: 'r-26 07:55 Urea: 24.6 mmol/L (HI) (Auth (Verified)) (Ref. Range 1.7 - 8.3)'. The reference range '1.7 - 8.3' is highlighted in a light blue box.

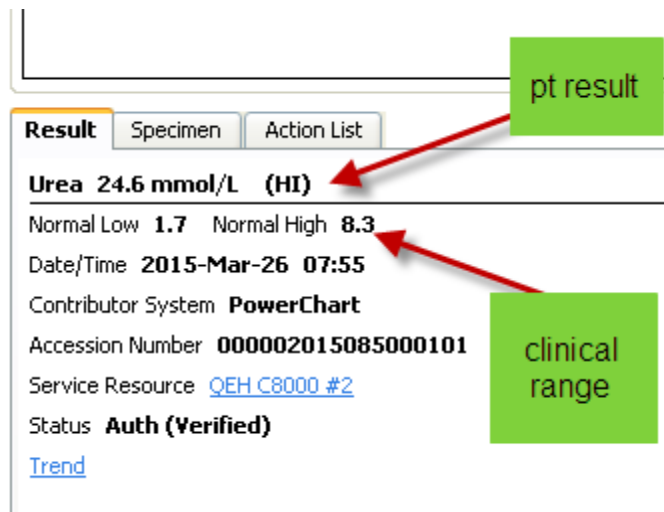
OR

1. **Double click** this result or **right-click** and choose the View Details option on this result

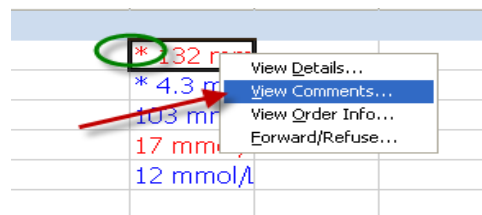


2. The following information is available:

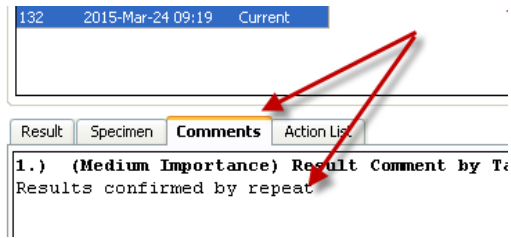
- Patient result
- Clinical range – normal and abnormal reference ranges for the particular result
- Date specimen obtained



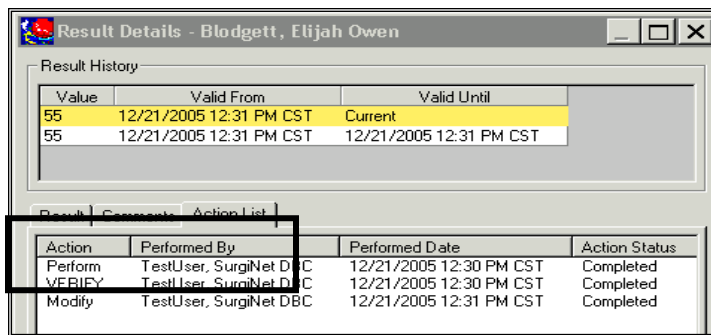
3. The red asterisk indicates any comments documented under the Comment tab and the history of the result under the Action List tab



- To view the comments double click, the comments tab will display any comments associated to the result.



- The Action List tab displays the history of who charted/updated the result and when.




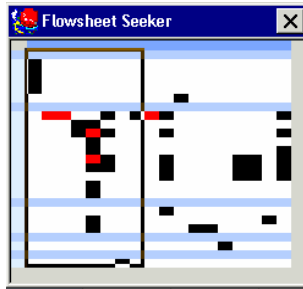
Controlling the Flowsheet

The flowsheet has the following functionalities:

- Defaults to standard date and time range
- The left and right arrows allow clinicians to change the beginning/end date by one or more days,



- The seeker functionality allows the clinician to get a high-level overview of the flowsheet and where results are located, including any critical/high/low results.
- Use the seeker  icon to display the seeker window. Then click and drag the black rectangle within the seeker window to adjust the view of the flowsheet.




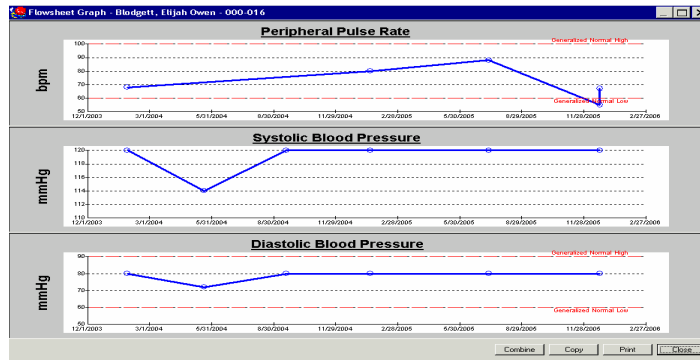
- Clinicians may opt to display specific results on a graph. PowerChart can only create graphs on data that is numeric


To create a graph:

1. Use the check-boxes next to individual results to select 1 or more results to graph.

Vital Signs	
<input type="checkbox"/>	Temperature Oral
<input type="checkbox"/>	Temperature Tympanic
<input checked="" type="checkbox"/>	Peripheral Pulse Rate
<input type="checkbox"/>	Heart Rate Monitored
<input type="checkbox"/>	Respiratory Rate
<input checked="" type="checkbox"/>	Systolic Blood Pressure
<input checked="" type="checkbox"/>	Diastolic Blood Pressure

2. Click the graph  icon to open up the graphing window. The system will show the reference ranges for the individual results as long as items being graphed have reference ranges



3. Combine the results into one graph, if necessary, using the Combine  icon within the graphing window.

Vitals Tab

2016-Dec-15 08:15 - 2017-Jan-06 10:48 (Admit to Current Date)						
Vitals View		2016-Dec-21 17:30	2016-Dec-21 12:30	2016-Dec-21 10:15	2016-Dec-21 08:15	2016-Dec-21 07:30
Vitals View Measurements						
<input type="checkbox"/> Height				160 cm	172	
Ht Type					Actual	
<input type="checkbox"/> Weight				78 kg	80	
Wt Type					Estimated	
<input type="checkbox"/> Body Mass Index				30.47		
Weight Change Information						
Unintentional weight loss last 6 months				No		

Lab Tab

The Lab tab displays tests completed by the lab. You can access the information in this Tab the same way you would in other flowsheets.

2016-Dec-18 15:38 - 2017-Jan-06 11:11 (Admit to Current Date)							
Lab View		2016-Dec-28 21:13	2016-Dec-28 21:12	2016-Dec-27 08:05	2016-Dec-26 18:55	2016-Dec-26 05:55	2016-Dec-26 05:30
Chemistry							
<input type="checkbox"/> Sodium Level				138 mmol/L		140 mmol/L	137 mmol/L
<input type="checkbox"/> Potassium Level				4.4 mmol/L		3.7 mmol/L	3.0 mmol/L
<input type="checkbox"/> Chloride				107 mmol/L		108 mmol/L	106 mmol/L
<input type="checkbox"/> Total CO2				26 mmol/L		26 mmol/L	23 mmol/L
<input type="checkbox"/> Anion Gap				5 mmol/L		6 mmol/L	8 mmol/L
<input type="checkbox"/> Calcium Level Total						L 1.90 mmol/L	L 1.85 mmol/L
<input type="checkbox"/> Glucose AC						H 6.9 mmol/L	H 7.1 mmol/L
<input type="checkbox"/> Glucose Random							

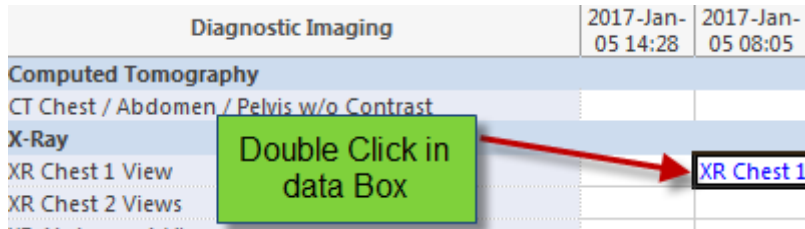
To review microbiology results in the Lab Tab:

Double click on **Review** in the result data box to view the detail screen.
 To view the susceptibilities for antibiotics click on the **Susceptibilities** tab on Result Details screen

DI Tab

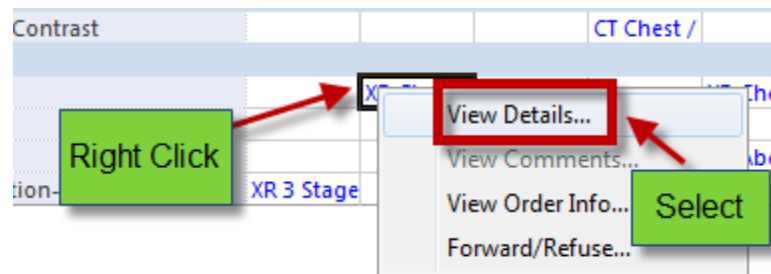
In this tab, the textual report from radiology will be available. Actual X-ray films will continue to be viewed on the PACs computer.

View results by double clicking on it.



OR

Right click on the procedure and choose View Details from the menu.



A new screen will open displaying the written report.

