

EPR Results and Use of Results Filters

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1. Why use Result filters?

Results Trend **without** result filter

Options Panel

Filters

Result Selection: No Result Selection Filter

Options

- Abnormal
- Annotated only
- Include pending

Display Styles

Display View:

- Summary
- Report by Order
- Trend**
- Trend & Graph

Sort Order (by Performed Date):

- Ascending
- Descending

Options

- Show category headers

28May14 10:00

Biochemistry

- General Chemistry
 - Sodium Level 141
 - Potassium Level 4.8
 - Chloride Level 103
 - CO2 Total 27
 - Anion Gap 11
 - Glucose Level ↑ 7.7
 - Urea ↑ 7.2
 - Creatinine (Plasma) ↑ 99
 - Urea/Creatinine Ratio ↑ 73
 - Calcium Level 2.11
 - Corrected Calcium 2.21

Trend **with** Result Filter for APACHE labs

Options Panel

Filters

Result Selection: APACHE LabValues

Options

- Abnormal
- Annotated only
- Include pending

Display Styles

Display View:

- Summary
- Report by Order
- Trend**
- Trend & Graph

Sort Order (by Performed Date):

- Ascending
- Descending

28May14 10:00

Biochemistry

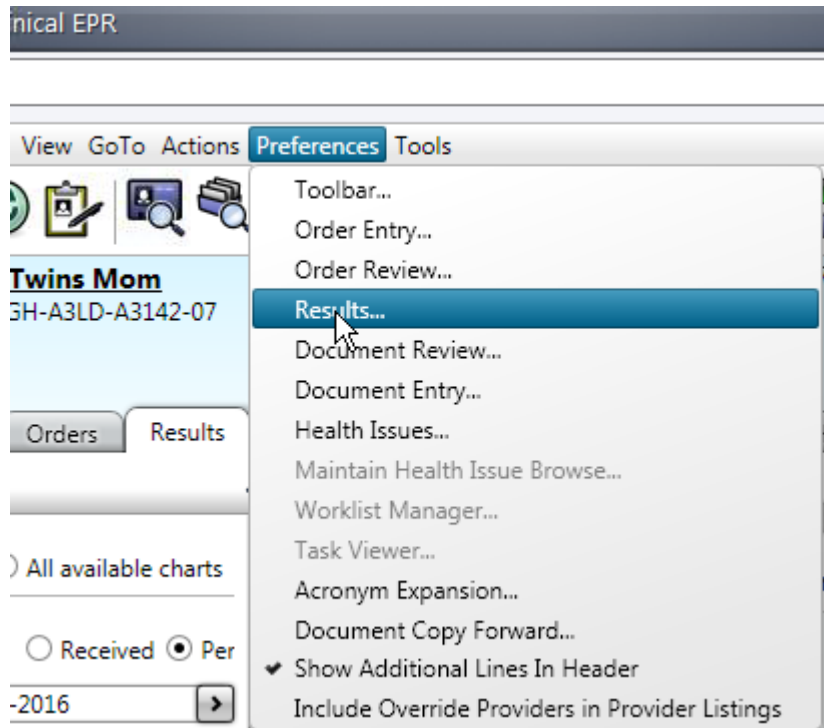
- General Chemistry
 - Sodium Level 141
 - Potassium Level 4.8
 - CO2 Total 27
 - Creatinine (Plasma) ↑ 99
- Hematology
 - Hematology
 - WBC 5.7
 - HCT 0.409

2. Filter for Data Collectors – Counting selected results

These are personal filters and once created via Preferences, can be chosen from the Results tab/Options Panel/Filters/Result Selection picklist along the left side of the screen.

1. Create new result review filter

Via “Preferences~Results...” ,



select 'Result Selection' tab in the window named 'Personal Result View Options'. Click the icon



at the left of the window and the 'Add New Results Selection Filter' opens.

Personal Result View Options

Result Selection | Graph Selection | Display Format

Default Result Selection Filter: No Result Selection Filter

Available Result Selection Filters: 14 / 14 included in QuickPick

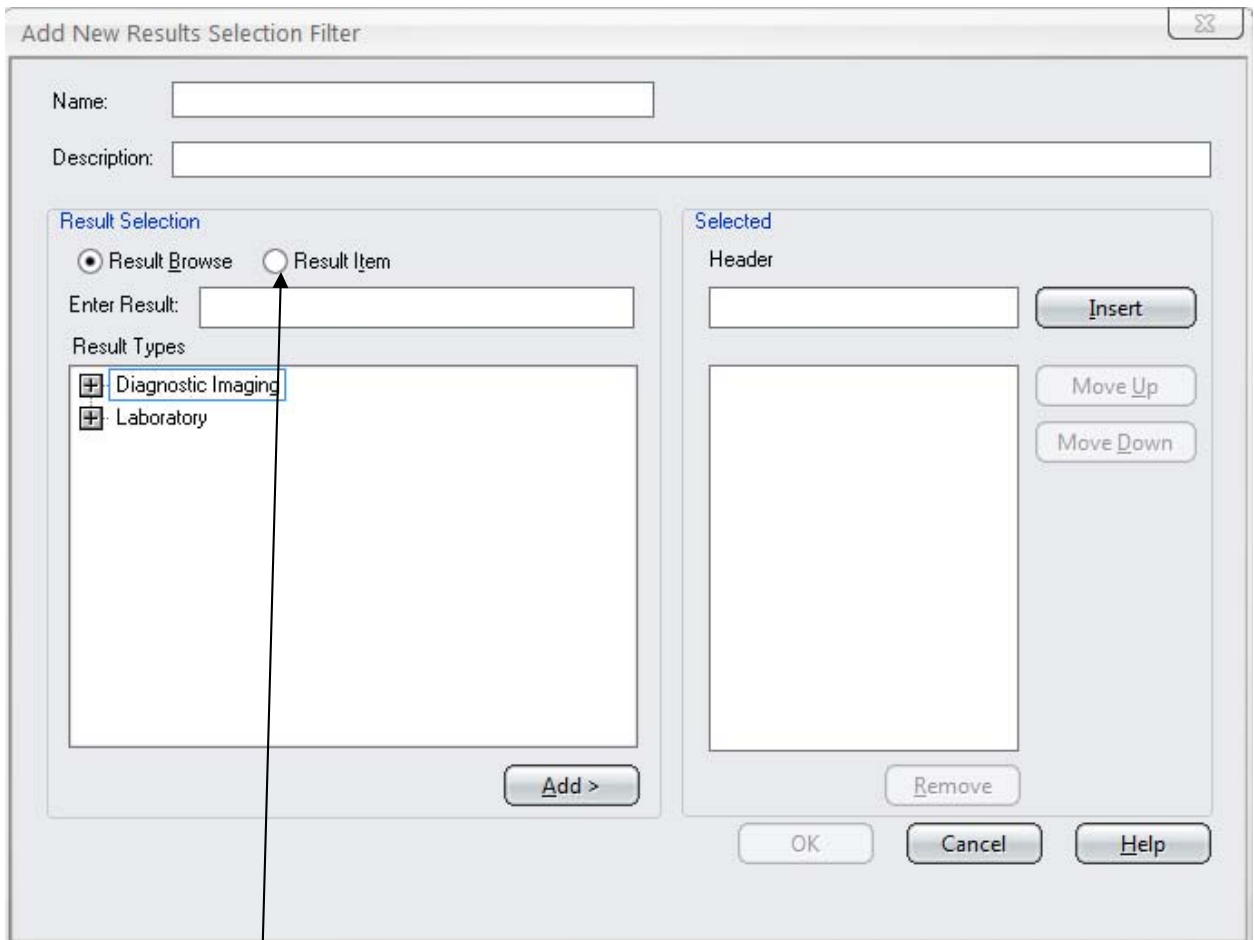
Result Selection Filter Name	Include in QuickPick	Set as Default
No Result Selection Filter	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>
Biochemistry	<input checked="" type="checkbox"/>	<input type="radio"/>
DI	<input checked="" type="checkbox"/>	<input type="radio"/>
DI - CT	<input checked="" type="checkbox"/>	<input type="radio"/>
DI - MRI	<input checked="" type="checkbox"/>	<input type="radio"/>
DI - SP	<input checked="" type="checkbox"/>	<input type="radio"/>
DI - US	<input checked="" type="checkbox"/>	<input type="radio"/>
Echocardiography	<input checked="" type="checkbox"/>	<input type="radio"/>

Only show result selection filters included in QuickPick Include All Items in QuickPick

Additional Information for the Highlighted Item:

This Result Selection Filter, No Result Selection Filter, is locked. You cannot modify, copy or delete the item.

Need Help? Close



Assign a meaningful name for the filter, likely something that positions these filters together in the drop down list so that it best supports how you generally review the labs.

Select the '**Result Item**' button and type in the name of the individual result that you want to include. It is likely easiest to have specific filters rather than one all inclusive due to the different purposes the results are used for, however this is personal preference, and individual ways of working will vary.

Repeat the process until all the individual results to be included have been added to the right hand panel.

Click OK.

Create as many specific filters as needed for your purpose (APACHE vs counting results) by repeating the steps above.

3. Using the filters

Once result filters are created they will be listed in the Options Panel – Filters / Results Selection drop down accessed via the Results tab. Click on the '>' at the right end of the field and select the filter you want from the list.

It is a good idea to validate the filter definitions by looking at results with and without the filter, to be sure that all the results you need are being gathered into the filter. Do this by viewing the filtered results and then dismissing the filter which will show all results. The filtered are ALL the required results, if it does not, the list needs to be modified/corrected to incorporate the . Once the filter is fully validated and you trust the filter, that step can be dispensed with. Select the filter you want to use from the list opened on the 'Result Selection'.

The screenshot shows the Clinical EPR interface for patient 'Test, Twins Mom' (SBGH-A3LD-A3142-07, Seager, Mary-Jane, 080021). The 'Results' tab is active, and the 'Options Panel' is open. In the 'Filters' section, the 'Result Selection' dropdown is set to 'No Result Selection Filter'. An arrow points from the text above to this dropdown. The main results area shows a table for 'All results for all available charts for pe' with columns for dates Jan 17-20 and rows for various laboratory and diagnostic imaging categories.

	Jan 17-20			
	17	18	19	20
Laboratory				
Biochemistry				
Hematology				
Immunology				
Mol Diagnostics				
Pathology				
Microbiology				
Respiratory				
Diagnostic Imaging				
X-Ray				
CT				
Ultrasound				
Nuclear Medicine				
MRI				
Gastroenterology				
Gastroenterology				
Cardiology				

Previous Patient | Next Patient | Refresh Screen | Find Patient | Find Visit | Health Issues | Enter Document | Allergies Summary | Signature Manager

QA CIS TEST LIS, Request Result Child
HSC-ED-CEMG-EX.RM 07

Options Panel

Chart Selection

This chart All available charts

Date Range

Based on date: Received Per

From: 09-Jun-2014

Start of This Chart

Retain selections for next patient

Display Format

[Dropdown menu]

[Save icon] [Reset icon] [Edit icon]

Filters

Result Selection:

No Result Selection Filter

Options

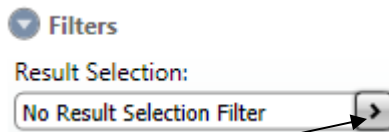
- Abnormal
- Annotated only
- Include pending


Display Format | Display View | Reset | Order Details

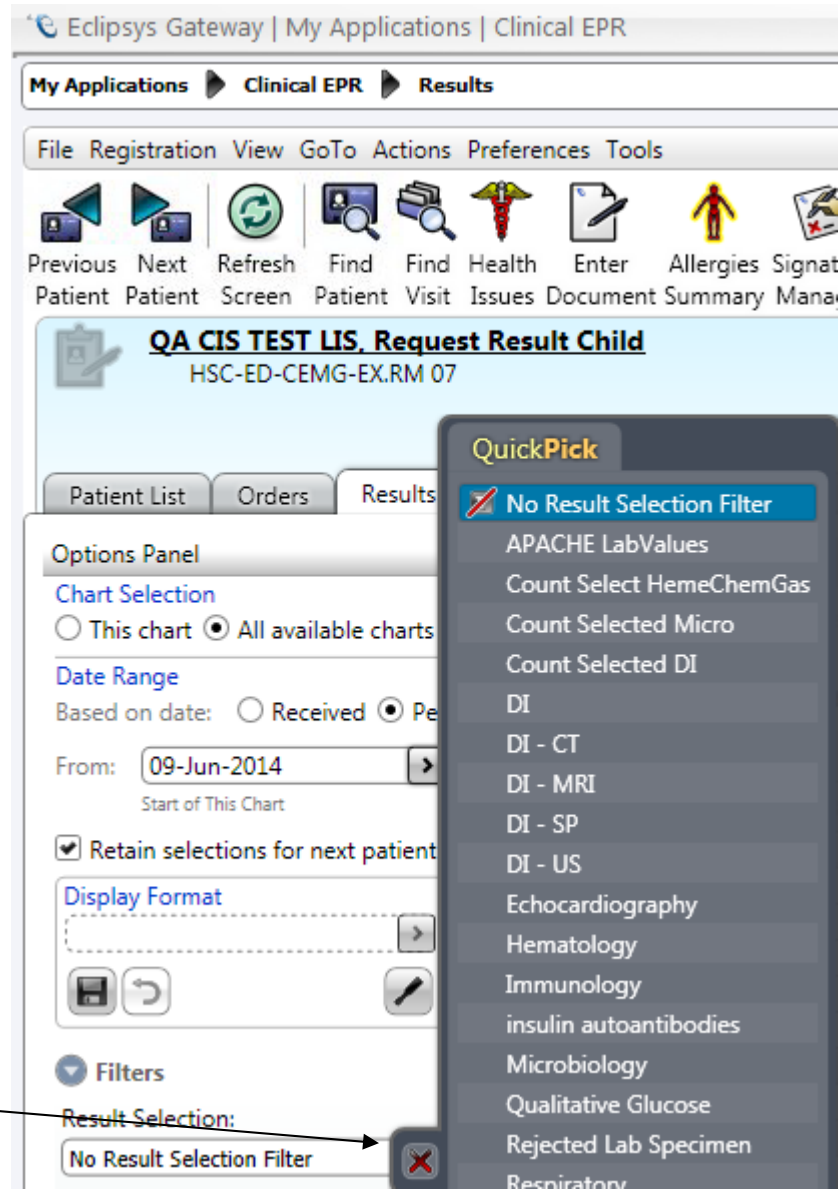
Tracking new results. All res

	30	7
Diagnostic Imaging		
X-Ray		
CT		
Ultrasound		
Nuclear Medicine		
MRI		
Gastroenterology		
Gastroenterology		
Cardiology		
Cardiology		
Neurophysiology		
Neurophysiology		
Other Diagnostic		
Other Diagnostic		

When reviewing multiple patients for the same results use the Previous Patient/Next Patient icons and retain selections for next patient, this will keep all the display settings from chart to chart.



Click on the  to display the filters drop down, highlight and click the desired list. This will apply the respective filter to the results tab and an alert statement will be evident above the grid. Filters are functional on all result display styles – Summary, Report by Order, and Trend.

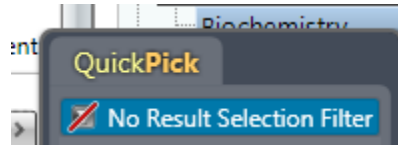


When a filter is applied there is an icon and message is 'Tracking new results. Some results may not be shown' indicates that you are filtering.



Tracking new results. Some results may not be shown for all available charts for performed dates from 09-Jun-2014;
Result Selection: **Count Select HemeChemGas**

Dismiss the filter by actively clicking the 'x' icon at the top of the quick pick list



4. Example Filter definitions for

1) APACHE LabValues, 2) Count Select HemeChemGas, 3) Count Selected DI, and

4) Count Selected Micro;

1) APACHE LabValues

Name:

Description:

Result Selection

Result Browse Result Item

Enter Result:

Result Types

- Diagnostic Imaging
- Laboratory

Selected

Header

- Sodium Level
- Potassium Level
- Creatinine (Plasma)
- Creatinine (Plasma)
- WBC
- HCT
- CO2 Total
- CO2 Total

2) Count Select HemeChemGas

Name:

Description:

Result Selection

Result Browse Result Item

Enter Result:

Result Types

- Diagnostic Imaging
- Laboratory

Selected

Header:

- CBC
- Sodium Level
- Sodium - Blood Gas
- Creatinine (Plasma)
- Creatinine (Plasma)
- Potassium Level
- AST
- AST.
- AST..
- Al T

- ALT
- ALT.
- Magnesium Level
- Magnesium Level.
- APTT
- Blood Gas Analysis - (Art/Ve
- Blood Gas Analysis - Arteria
- Blood Gas Analysis - Arteria
- Blood Gas Arterial

3) DI Selected

Modify Results Selection Filter 25

Name:

Description:

Result Selection

Result Browse Result Item

Enter Result:

Result Types

- Diagnostic Imaging
- Laboratory

Selected

Header

- XR Chest Single View
- XR Chest Two Views
- XR Chest Portable
- US Abdomen Complete
- US Abdomen limited to Single C
- CT
- MRI

4) Selected Micro

Modify Results Selection Filter

Name:

Description:

Result Selection

Result Browse Result Item

Enter Result:

Result Types

- Diagnostic Imaging
- Laboratory

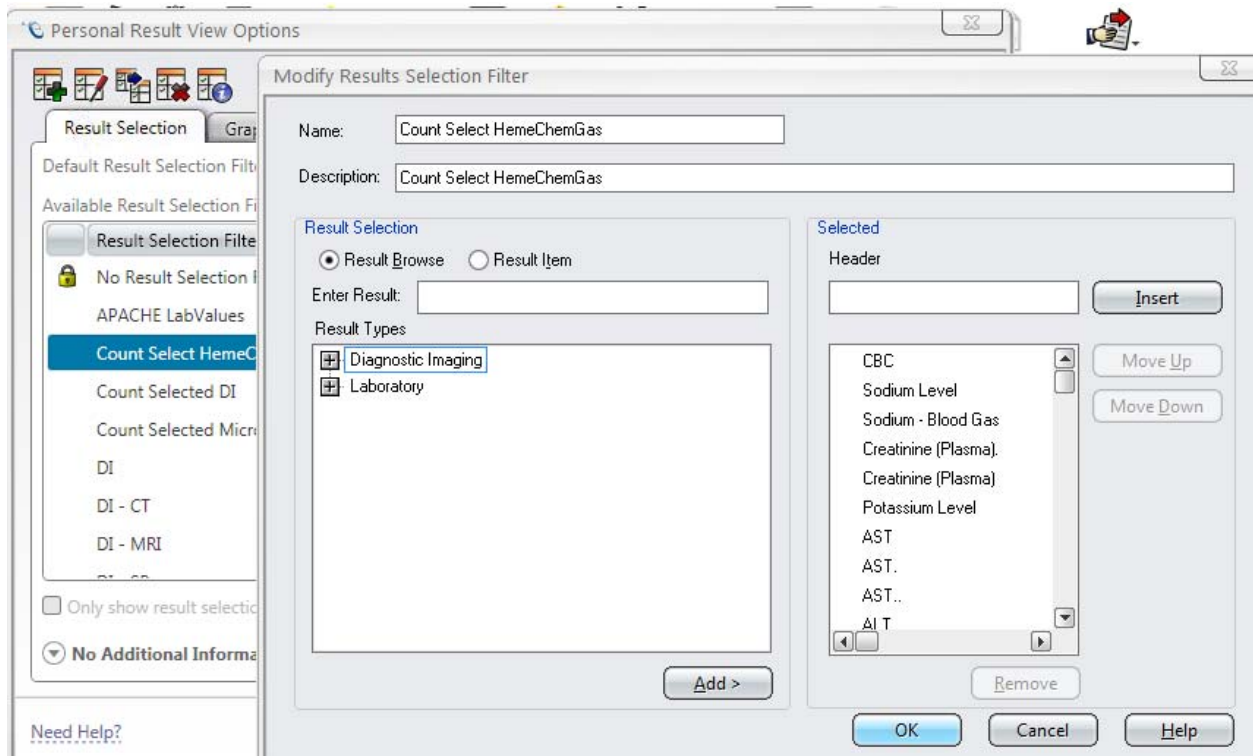
Selected

Header:

- Culture BAL Quantitative
- Culture Blood (1 bottle)
- Culture Blood (2 bottles)
- Culture Blood (3 bottles)
- Culture Blood AFB
- Culture Bronchial Brush Quantitative
- Culture Bronchial Washing
- Culture Catheter Urine
- Culture Endotracheal Secretions
- Culture Midstream Urine
- Culture Miscellaneous Urine
- Culture Respiratory Sample AFB
- Culture Sputum
- Culture Suprapubic Aspirate
- Culture Suprapubic Sample Anaerobic
- Urine Dip Slide Culture
- Uriswab Culture

5. Modifying an existing filter

A personal default result filter is done via the same steps as when the filters are created “Preferences~Results...~Result Selection” tab. Locate the filter name to be modified and this time select the icon that looks like it has a screwdriver on it.

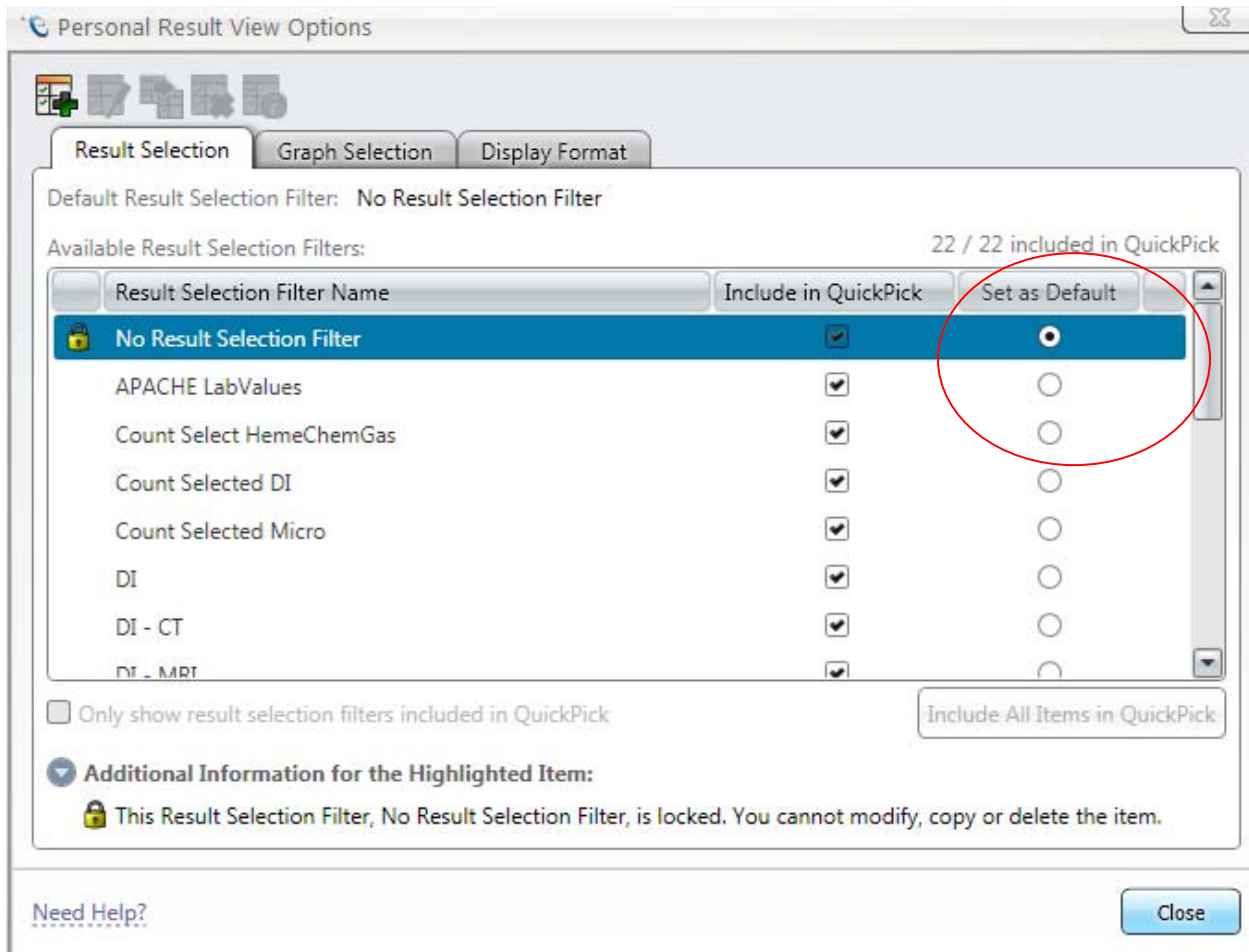


Make the adjustments for the result names to be added or removed. Click ‘OK’.

6. Setting personal default result filter

On the Preferences~Results...~Result Selection” tab there is a column labelled ‘Set as Default’. Usually the starting default is ‘No Result Selection Filter’. To choose one of your personal defined filters as default click the respective radio button beside it and that filter will be present for the results display everytime you log in, i.e. from log in to login. **NOTE:** there can be just one default selection.

Click ‘Close’ to apply the new default filter to your account.



7. Cautions

NOTE1: Results for Cardiac Catheterization, Coronary Angiogram, Cardiac/Coronary Interventions, and Echocardiogram are **NOT** currently received in EPR.

NOTE2: Some results may **NOT** be eligible for display in Trend, all results will always be displayed on Report by Order.