





Check for outstanding lab results without having to keep a paper list of tests sent out

Several diligent participants keep paper notes of all tests requested so that they can check that all results coming back...not everyone is so diligent! If you want to do this electronically, here's a way we tested at the meeting.

Make a new database analysis. Take care to create a Group and an Execution group, because you will need two analyses to make this work and they will be run together as part of an Execution Group in one mouse click by selecting the Missing Lab Checker group when you click the Execute button.

Here's what the first step looks like for PSA, glucose, Vit B12 and INR. (you could add further analyses to the Execution Group if you want to check for other missing labs) This will find recent (within last 2 weeks) cases where one or more of these 4 tests have been requested.

Analysis population criteria

Analysis
Analysis name:  
Group: 
Execution: 

Patient criteria

<input type="checkbox"/>	Age	All	
<input type="checkbox"/>	Sex	All	
<input type="checkbox"/>	Display	surname, first name, sex, date of birth	...
<input type="checkbox"/>	Status	active	
<input type="checkbox"/>	Test	All	
<input type="checkbox"/>	GMS patients		
<input type="checkbox"/>	Disease flag		

Transaction criteria

<input type="checkbox"/>	Chapter	Medical	
<input type="checkbox"/>	Date	Greater than	date-2W
<input type="checkbox"/>	Name	All	...
<input type="checkbox"/>	Speciality	All	...
<input type="checkbox"/>	Responsible		
<input type="checkbox"/>	Type	All	

Item inclusion criteria ☒ or ☐ and ☐ Select last values only

<input checked="" type="checkbox"/>	blood tests	Content	Contains	PSA	...
<input checked="" type="checkbox"/>	blood tests	Content	Contains	glucose	...
<input checked="" type="checkbox"/>	blood tests	Content	Contains	B12	...
<input checked="" type="checkbox"/>	blood tests	Content	Contains	INR	...

Item exclusion criteria ☒ or ☐ and

<input type="checkbox"/>					...
<input type="checkbox"/>					...

Now you have to check whether the results have come back. Here is the second step analysis, which is restricted to the cases identified by the first step.

<input type="checkbox"/>	Age	All		
<input type="checkbox"/>	Sex	All		
<input type="checkbox"/>	Display	surname, first name, sex, date of birth	...	
<input type="checkbox"/>	Status	active		
<input type="checkbox"/>	Test	All		
<input type="checkbox"/>	GMS patients			
<input type="checkbox"/>	Disease flag			

<input type="checkbox"/>	Chapter	Medical		
<input type="checkbox"/>	Date	Greater than	date-2W	
<input type="checkbox"/>	Name	All	...	
<input type="checkbox"/>	Speciality	All	...	
<input type="checkbox"/>	Responsible			
<input type="checkbox"/>	Type	All		

		<input checked="" type="radio"/> or	<input type="radio"/> and	Select last values only <input type="checkbox"/>	
<input type="checkbox"/>					
<input type="checkbox"/>					
<input type="checkbox"/>					
<input type="checkbox"/>					

		<input checked="" type="radio"/> or	<input type="radio"/> and		
<input checked="" type="checkbox"/>	PSA free	Content	Exists		
<input checked="" type="checkbox"/>	glucose	Content	Exists		
<input checked="" type="checkbox"/>	vit B12	Content	Exists		
<input checked="" type="checkbox"/>	INR	Content	Exists		

☒ **Restrict to another analysis**
☐ Restrict to prevention

☐ Include
 ☐ missing labs checker- step1

Criteria Advanced

Test OK Cancel

If you want, you can create a new disease flag and using the Advanced tab in the database analysis editor to tell H1 to put a disease flag 'lab review' on each patient returned. Note you will have to define the new disease flag by clicking on the red iris icon.

Also, be sure to select Update flag in Default action so that the flag is removed from patients whose results have come back by the time the analysis is next run.

By adding Disease Flag to the Patient Selector (Configuration>Items) you can now see who has tests outstanding. The Flag will update each time the analysis is run.


Analysis name:		Group:	Missing labs checker
Missing labs checker-step 2		Execution:	Missing labs checker

After execution:

Flag patients

Flag the patients selected by the analysis with the status below. This patient flag can be used on other analysis to quickly select patients.

Disease Flag: lab review



Default Action: Update flag

Set the flag for selected patients and flag for non-selected patients

Scheduler

☒ Can be executed by the Scheduler

 Scheduled Order: 0