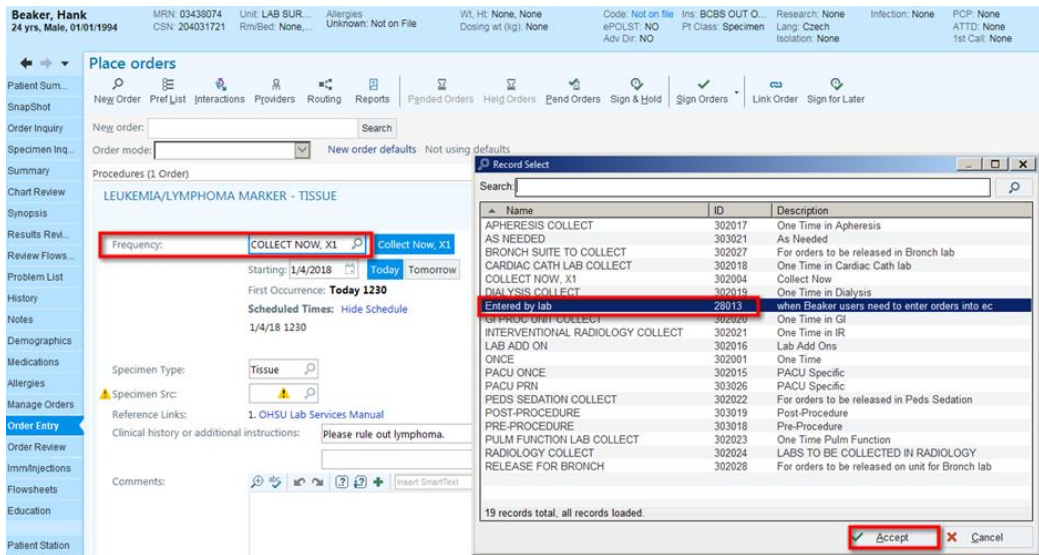
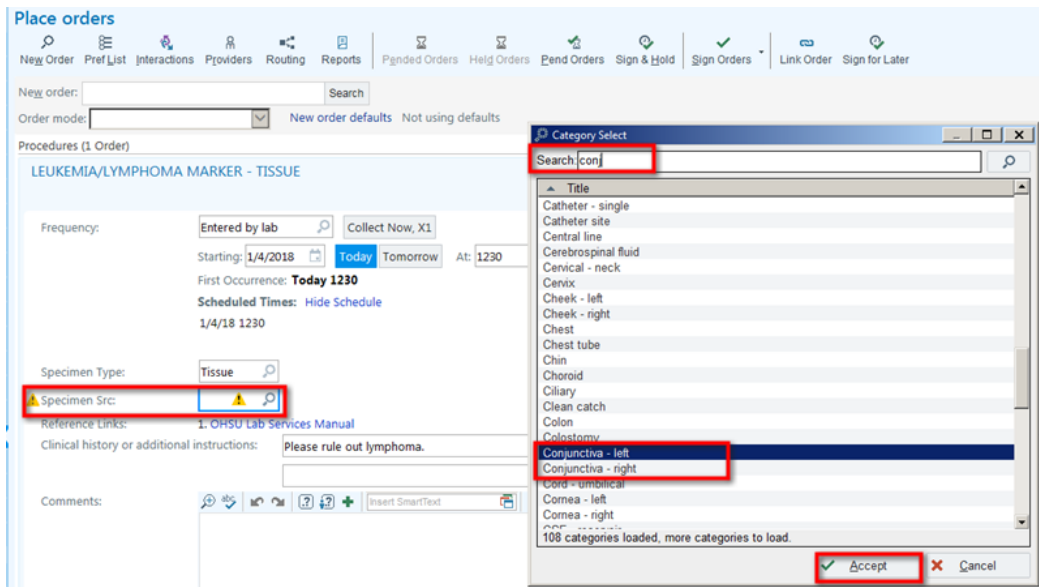


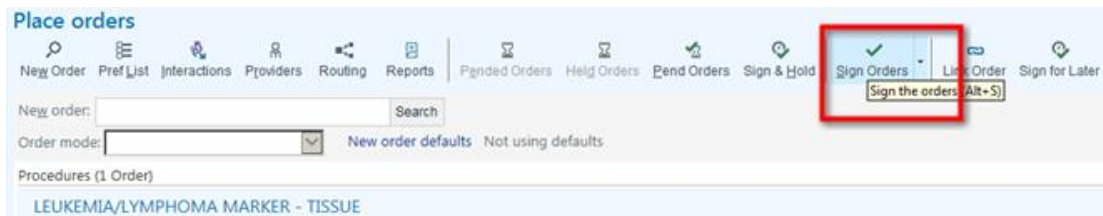
5. Click on the magnifying glass from the 'Frequency' field and accept 'Entered by Lab'.



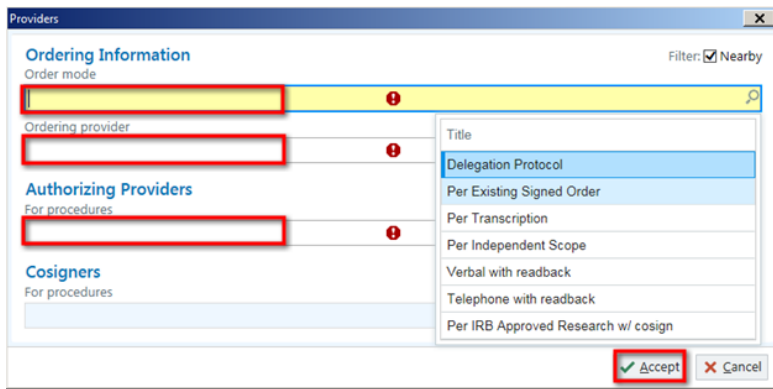
6. Click on the magnifying glass from the source field to search for sources from the list. Accept the correct source:



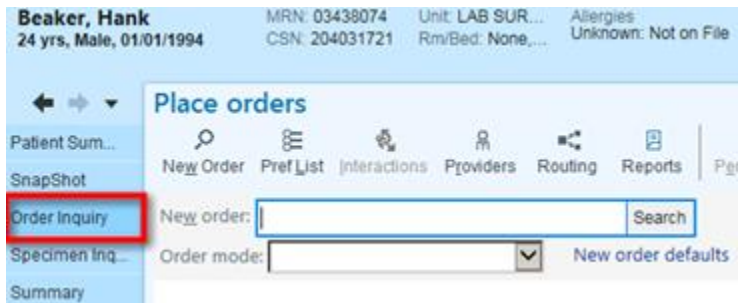
7. Click on 'Sign Orders':



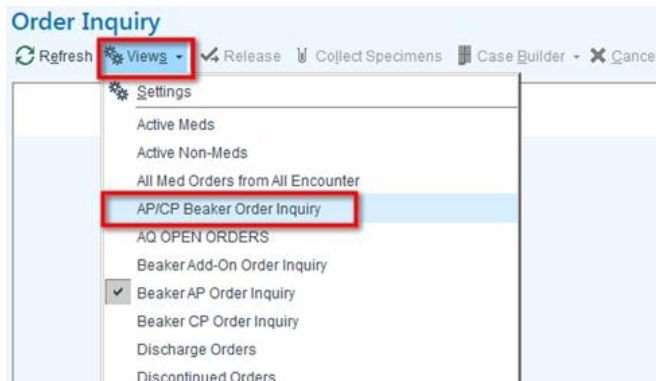
8. You'll encounter three stop signs. Choose 'Per Existing Signed Order' for the 'Order Mode' field'. Add the names for the 'Ordering' and 'Authorizing' providers (both should be the name of the physician that placed the 'Flow Cytometry Needed' order). Click 'Accept':



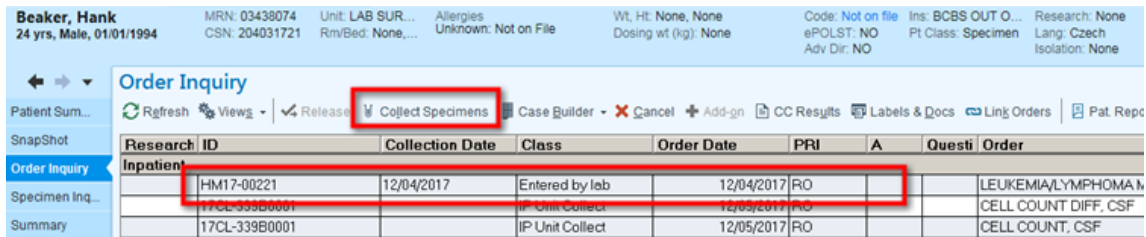
9. Click on 'Order Inquiry' button on the left hand side of the screen:



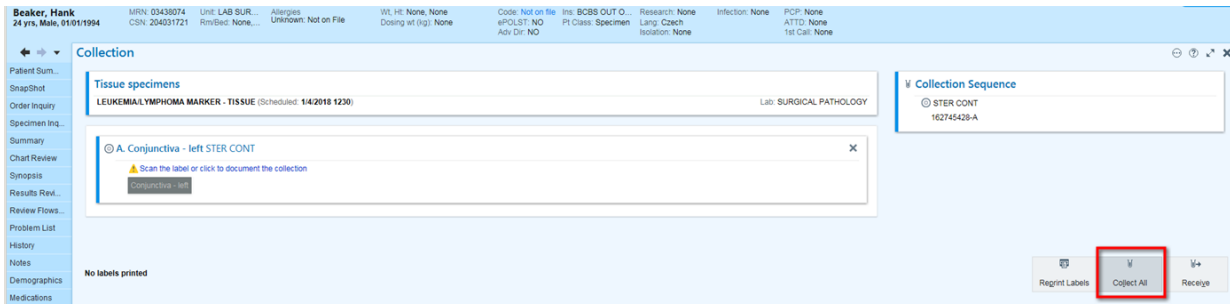
10. Under the 'Views' drop-down menu, select 'AP/CP Beaker Order Inquiry':



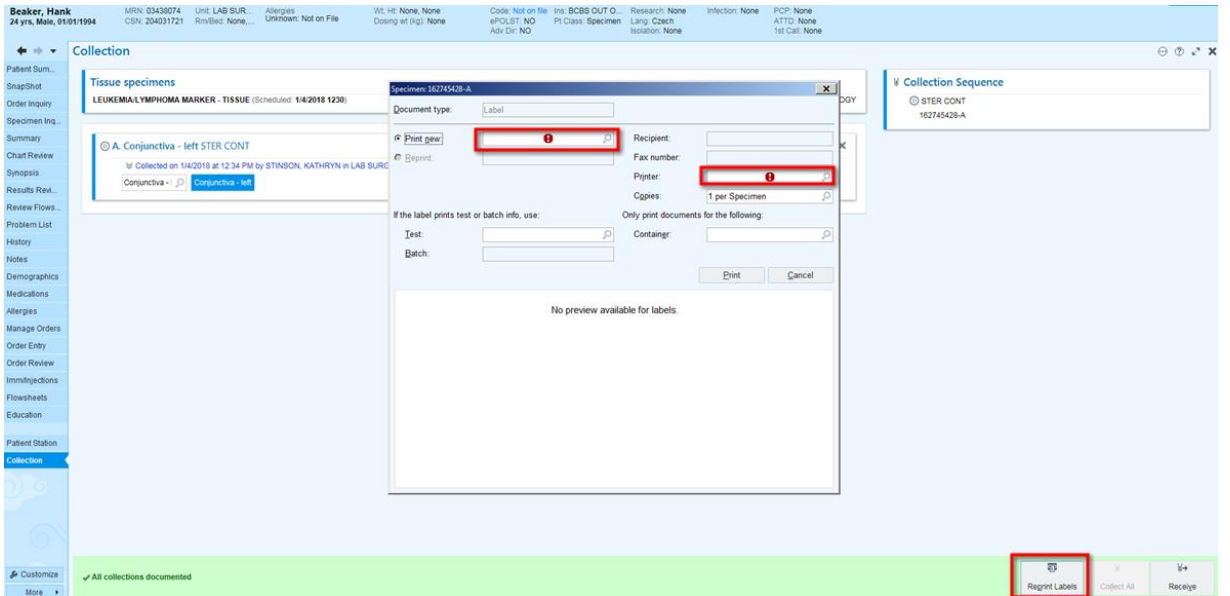
11. Select the order that you just placed, Leukemia Lymphoma Tissue, from the list and click on 'Collect Specimens':



12. Click on 'Collect All' button:



13. Select 'Re-print Labels'; choose 'OHSU Lab Zebra Aliquot' and the appropriate printer to fill the stop signs. Click on 'Print':

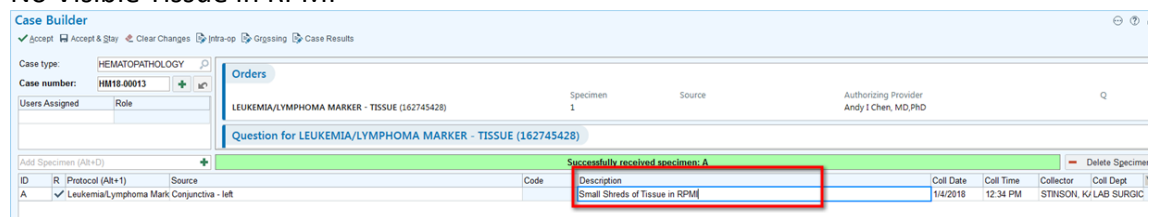


14. Click on **Case Builder** from your dashboard; scan in the label that just printed and select your order (Leukemia Lymphoma Markers Tissue) from the list. Click 'Accept'.

15. Confirm that the source is correct. You may have to open the original OS or NG case to look up that information.

16. Add a description of the specimen that was received in the 'Description' field; for example:

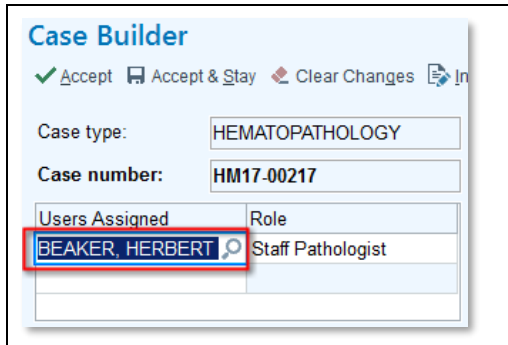
- a. For fluid received in a sterile container, bag or syringe:
 - i. 1 x 8 ml, or
 - ii. 1 x 3 ml
- b. For a tissue received on RPMI:
 - i. 1 x 1 x 1 centimeters cubed in RPMI, or
 - ii. Small Shreds of Tissue in RPMI, or
 - iii. No Visible Tissue in RPMI



- You may need to update the specimen collection date and time to reflect the real collection date and time of the sample.
- Click the 'Accept and Stay' to save your work and continue in Case Builder.

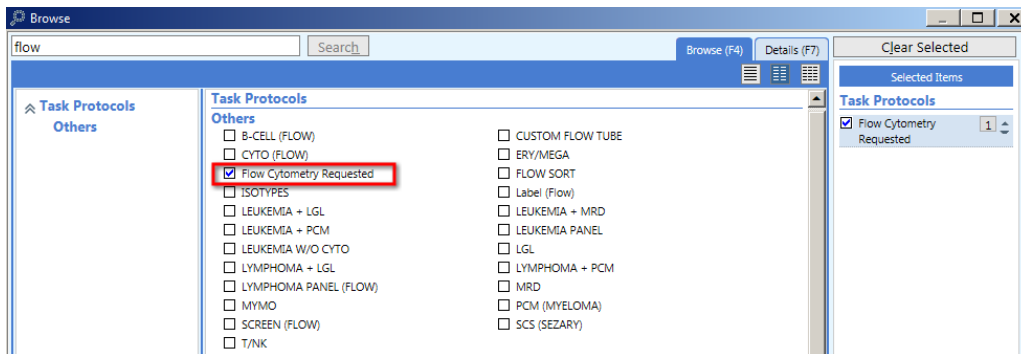
Assigning the case to a Pathologist/Resident:

- While you are in **Case Builder**, you need to assign the staff pathologist assigned to the case. In the **User Assigned** field, fill in the name of the attending pathologist that is on service. Note: You can also assign roles in **Case Results** by using the **Assign** button.

 <p>Case Builder</p> <p>✓ Accept Accept & Stay ✗ Clear Changes In</p> <p>Case type: HEMATOPATHOLOGY</p> <p>Case number: HM17-00217</p> <table border="1"> <thead> <tr> <th>Users Assigned</th> <th>Role</th> </tr> </thead> <tbody> <tr> <td>BEAKER, HERBERT</td> <td>Staff Pathologist</td> </tr> </tbody> </table>	Users Assigned	Role	BEAKER, HERBERT	Staff Pathologist	<ul style="list-style-type: none"> Pick the attending pathologist that's on the 'Outside and Flow Service'. See the monthly schedule that is sent out via Outlook for specific monthly assignments.
Users Assigned	Role				
BEAKER, HERBERT	Staff Pathologist				

Adding the "Flow Cytometry Needed" task:

- You need to add the "Flow Cytometry Needed" in your HM case. Type in "flow" in the Add Task field. Check off the the task "**Flow Cytometry Needed**". This will add the task "Flow Cytometry Requested" in the task list. This task requires a task note to convey what notes were included in the original case to let the Flow tech know what to run.



flow

Task Protocols

Others

- B-CELL (FLOW)
- CYTO (FLOW)
- Flow Cytometry Requested
- ISOTYPES
- LEUKEMIA + LGL
- LEUKEMIA + PCM
- LEUKEMIA W/O CYTO
- LYMPHOMA + LGL
- LYMPHOMA PANEL (FLOW)
- MYMO
- SCREEN (FLOW)
- T/NK
- CUSTOM FLOW TUBE
- ERY/MEGA
- FLOW SORT
- Label (Flow)
- LEUKEMIA + MRD
- LEUKEMIA PANEL
- LGL
- LYMPHOMA + PCM
- MRD
- PCM (MYELOMA)
- SCS (SEZARY)

Task Protocols

Selected Items

Task Protocols

Flow Cytometry Requested

Adding Task Notes:

You need to put the task note form the original case into the Task note for the HM case.

- To add a task note in **Case Builder**, click on the **Task Note** field on the row that you want to add a note.

ID	C	Task (Alt+2)	Slides	Code	Qty	Task Flags	Task Note
A1	✓	Placeholder Block					
A1.1	✓	Slide, Unstained (Flow)	1				
A1.2	✓	Slide, Unstained (Flow)	1				
A1.3	✓	Slide, Unstained (Flow)	1				
A1.4	✓	Slide, Unstained (Flow)	1				
A1.5	✓	Giemsa May Grunwald	1				
A1	✓	Flow Cytometry Requested					

22. Type in the notes that were from the original CEI or non-gyn cyto case in the **Notes** text area . Click the **Accept** button.

Case HML17-00169

1. Case 2. Specimen 3. Task

Task:

- 12 A1 Slide, Unstained
- 13 A1 Slide, Unstained
- 14 A1 Giemsa May Grunwald
- 15 A1 Giemsa May Grunwald
- 16 A1 Giemsa May Grunwald
- 17 A1 Giemsa May Grunwald
- 18 A1 cKIT D816 for Mastocytosis, F
- 19 A1 Flow Cytometry Requested

Flags:

Notes:

Rule out lymphoma

Apply this flag: To this type of task: Apply

Accept Cancel

Adding a Task Flag on a task:

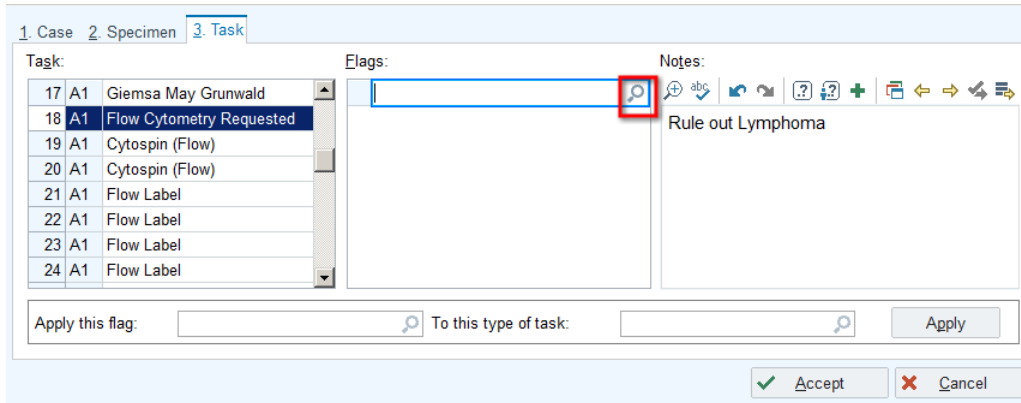
On the HM case, a Task flag on the “Flow Cytometry Needed” task needs to be added so that the Techs will be able to see in Case Prep Worklist that the sample has been received in the Flow lab.

23. In Case Builder, find the “Flow Cytometry Request” task in the list. Note the task note. Click in the Task Flag Field for the “Flow Cytometry Needed” row.

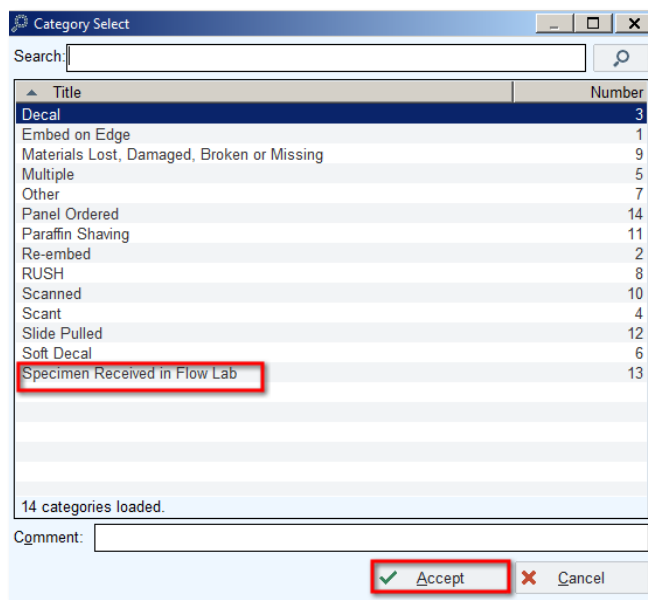
ID	C	Task (Alt+2)	Slides	Code	Qty	Task Flags	Task Note
A1	✓	cKIT D816 for Mastocytosis					
A1	✓	Flow Cytometry Requested					Rule out lymphoma
A1.17	✓	Cytospin (Flow)	1				
A1.18	✓	Cytospin (Flow)	1				
A1.19	✓	Flow Label	1				
A1.20	✓	Flow Label	1				
A1.21	✓	Flow Label	1				
A1.22	✓	Flow Label	1				

Click here

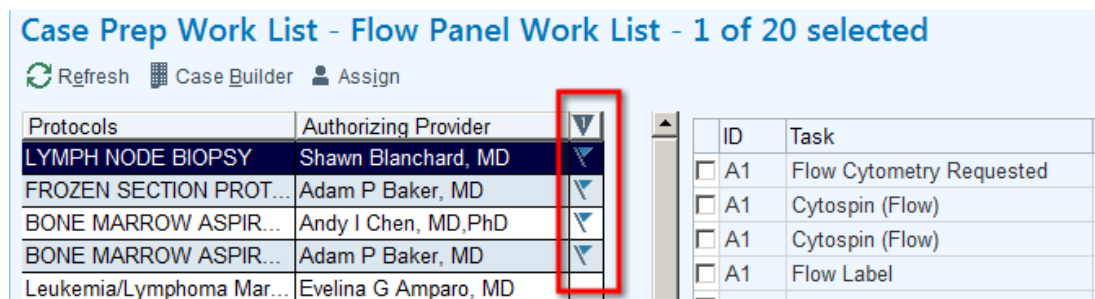
24. Click on the **Magnifying glass icon** in the middle under the **Flags:** section.



25. Choose **“Specimen Received in Flow Lab”**, and press the Accept button.



26. Now when the Flow techs look at their **Case Prep Work List**, they will see an icon that shows a flag. This will help the techs determine which specimens have been received.



27. Click on the **“Accept”** button in Case Builder to save your change and exit Case Builder.

Linking the original case with the new HM case.

28. You need to link the original case with the new case in order for the pathologists in CEI/non-gyn Cyto to see the results.

- Click on the **Case Linking** link on the Beaker AP Lab Dashboard.
- Click on the **Cases** tab. Type in the original case number from cytology or Casey Eye. Click on the **Accept** button.

Case Lookup

Specimens **Cases**

OS17-00145 Collapse <<

Case Search

Search by: Patient

Dates: 11/3/2017 To 1/2/2018 Refresh

No data to display

Accept Cancel

- Find the new HM Case, and click on the Add Link button.

Beaker, Alex (03427137) - Case: OS17-00145

Link type: Related

Order Date	Order	Result Status	ID
12/28/2017	LYMPHOCYTE ACTIVATIONL...		17IM-362F0008
01/02/2018	LEUKEMIA/LYMPHOMA MAR...		
01/02/2018	LEUKEMIA/LYMPHOMA MAR...	In process	HM18-00001

Add Link

Linked orders for case OS17-00145

No links to display for the selected case

Accept Cancel

- Uncheck the checkbox for **Report** for this link. Click the **Accept** button.

Beaker, Alex (03427137) - Case: OS17-00145

Link type: Related

Order Date	Order	Result Status	ID
12/28/2017	LYMPHOCYTE ACTIVATIONL...		17IM-362F0008
01/02/2018	LEUKEMIA/LYMPHOMA MAR...		

Add Link

Linked orders for case OS17-00145

Order	Test Status	ID	Collected	Link Type	Report
LEUKEMIA/LYMPHOMA MARKER - TISSUE	On Test	HM18-00001	01/02/2018 1229 Ord.	Related	<input type="checkbox"/>

Accept Cancel

- e. Now the cases will be linked so when you look up one in Case Results, you should see a link to the other case on the right hand side of the screen.

The screenshot displays the Epic Case Results interface for patient HM18-00001, Alex Beaker (MRN 03427137). The patient's status is 'Accessioned' and the responsible party is Herbert West Beaker. The primary diagnosis is 'LEUKEMIA/LYMPHOMA MARKER-TISSUE'. The interface includes sections for 'AP RESULTS', 'CLINICAL HISTORY', and 'FLOW CYTOMETRIC ANALYSIS'. A 'Linked Orders' section is highlighted with a red box, showing an order for 'OPHTHALMIC PATHOLOGY' with a 'Related' type. Below this, a 'Charge Summary' table is visible, indicating 'No charges to review'.

FLOW CYTOMETRIC ANALYSIS:	
	% of total WBC (CD45+)
Myeloid Blasts	***
Monocytes	***
Lymphocytes	***

Charge Summary						
HM18-00001 A						
ID	Protocol or Task	Proposed Charges	Qty	Billed Charges	Qty	Mod
⚠️ No charges to review.						

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