

STREAMLINING ACCESS TO SCANNED SEROLOGY REPORTS IN ELECTRONIC MEDICAL RECORD AT HUMBER RIVER HEALTH

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DESCRIPTION

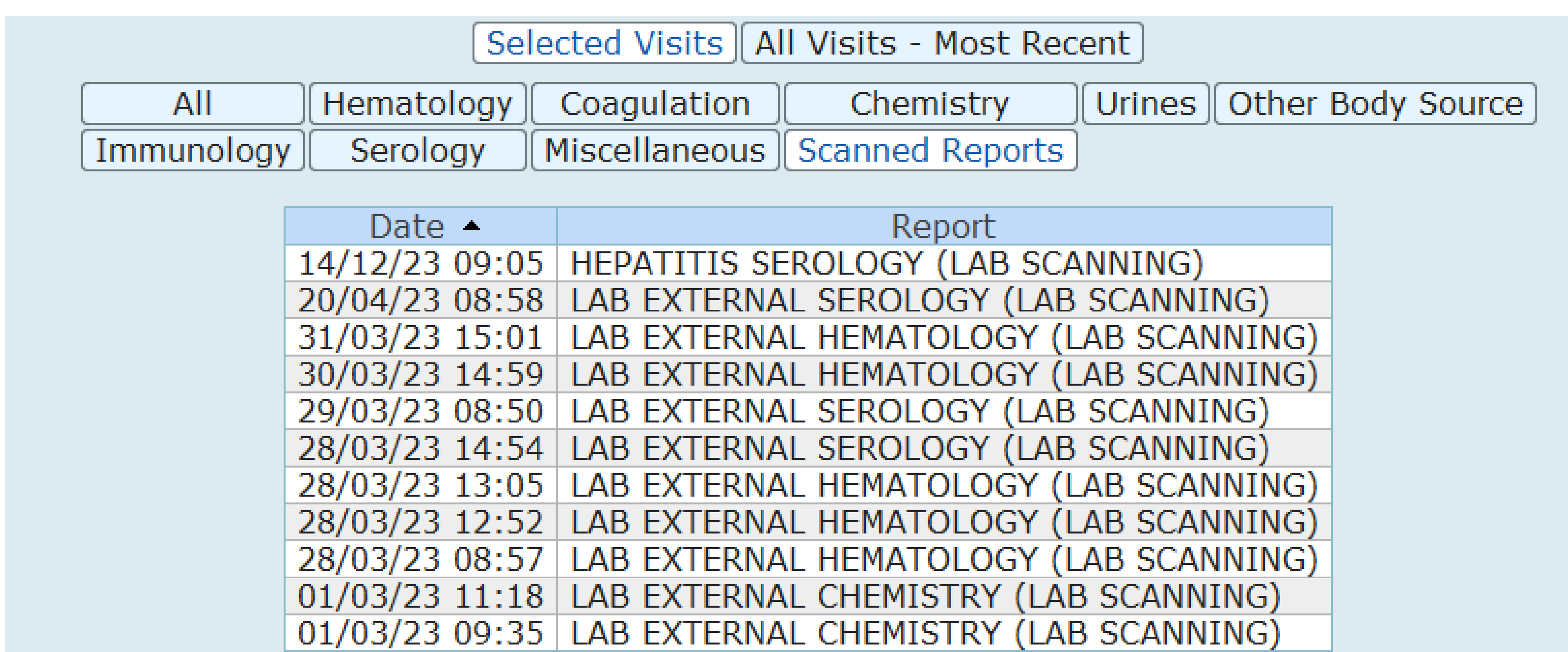
The Laboratory Department at Humber River Health (HRH) identified an opportunity to streamline access reports by sorting the scanned reports. When serology and other microbiology specimens are sent to Public Health Ontario Laboratory (PHOL), the lab results are faxed back to HRH by PHOL. External lab reports are scanned into Meditech and can be accessed under the Scanned Reports tab in the Electronic Medical Record (EMR). Originally, reports were organized under a single report name, causing staff to review multiple reports in an effort to find results. The new process involves refined report names, allowing for easier identification of results. Multiple reports belonging to one admission can now be received and easily identified for tests with the same name run on different days saving physicians and staff time.

OBJECTIVE

To promote more efficient access to scanned external lab reports.

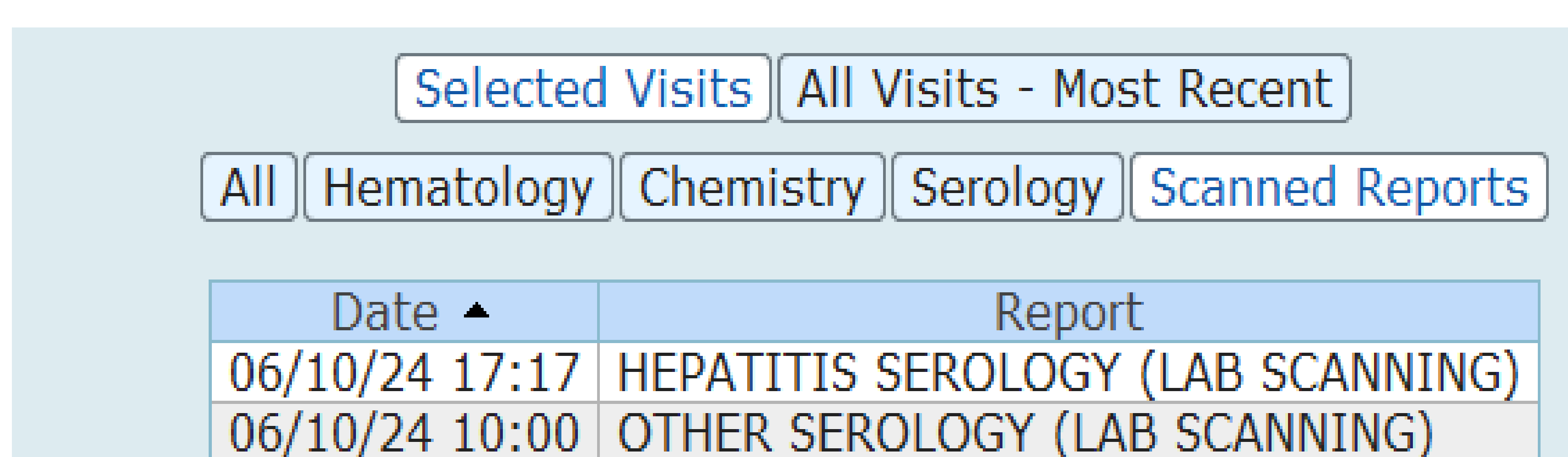
ACTIONS TAKEN

Physicians expressed interest in updating process for viewing scanned lab results. The Information Systems (IS) Team at HRH collaborated with the microbiologist to identify opportunities for improvement in the existing process. The IS team collaborated with Laboratory to update naming conventions of scanned reports in the EMR. The updated process was piloted in the Meditech test environment through an iterative revision process to best align with end user needs.



Selected Visits All Visits - Most Recent	
All	Hematology
Coagulation	Chemistry
Urines	Other Body Source
Immunology	Serology
Miscellaneous	Scanned Reports
Date ▲	Report
14/12/23 09:05	HEPATITIS SEROLOGY (LAB SCANNING)
20/04/23 08:58	LAB EXTERNAL SEROLOGY (LAB SCANNING)
31/03/23 15:01	LAB EXTERNAL HEMATOLOGY (LAB SCANNING)
30/03/23 14:59	LAB EXTERNAL HEMATOLOGY (LAB SCANNING)
29/03/23 08:50	LAB EXTERNAL SEROLOGY (LAB SCANNING)
28/03/23 14:54	LAB EXTERNAL SEROLOGY (LAB SCANNING)
28/03/23 13:05	LAB EXTERNAL HEMATOLOGY (LAB SCANNING)
28/03/23 12:52	LAB EXTERNAL HEMATOLOGY (LAB SCANNING)
28/03/23 08:57	LAB EXTERNAL HEMATOLOGY (LAB SCANNING)
01/03/23 11:18	LAB EXTERNAL CHEMISTRY (LAB SCANNING)
01/03/23 09:35	LAB EXTERNAL CHEMISTRY (LAB SCANNING)

Figure 1. Original laboratory scanned reports screen, showing multiple external serology reports without any identification on type reports.



Selected Visits All Visits - Most Recent	
All	Hematology
Chemistry	Serology
Scanned Reports	
Date ▲	Report
06/10/24 17:17	HEPATITIS SEROLOGY (LAB SCANNING)
06/10/24 10:00	OTHER SEROLOGY (LAB SCANNING)

Figure 2. Updated laboratory scanned reports screen, showing new naming convention. Promoting efficient identification of reports through organized categories.

SUMMARY OF RESULTS

The updated process enhanced visibility and organization for externally scanned lab results. With this new process, physicians no longer need to click through multiple scanned reports all with the same title to identify the report of interest. The revised naming convention sorts serology into three categories from one general title historically. Microbiology results are now sorted into four categories from the one previous title. The changes to the laboratory scanned reports promotes efficient access to external results.

LESSONS LEARNED

Organizing reports in grouped methods allows for more efficient access and easier identification.

